



Template for Evidence(s) UI GreenMetric Questionnaire

University : Alexandria University
Country : Egypt
Web Address : www.alexu.edu.eg

[6] Education and Research (ED)

[6.2] Total Number of Courses/Subjects Offered

Description Total Courses offered at Alexandria University, Egypt in 2020-2024

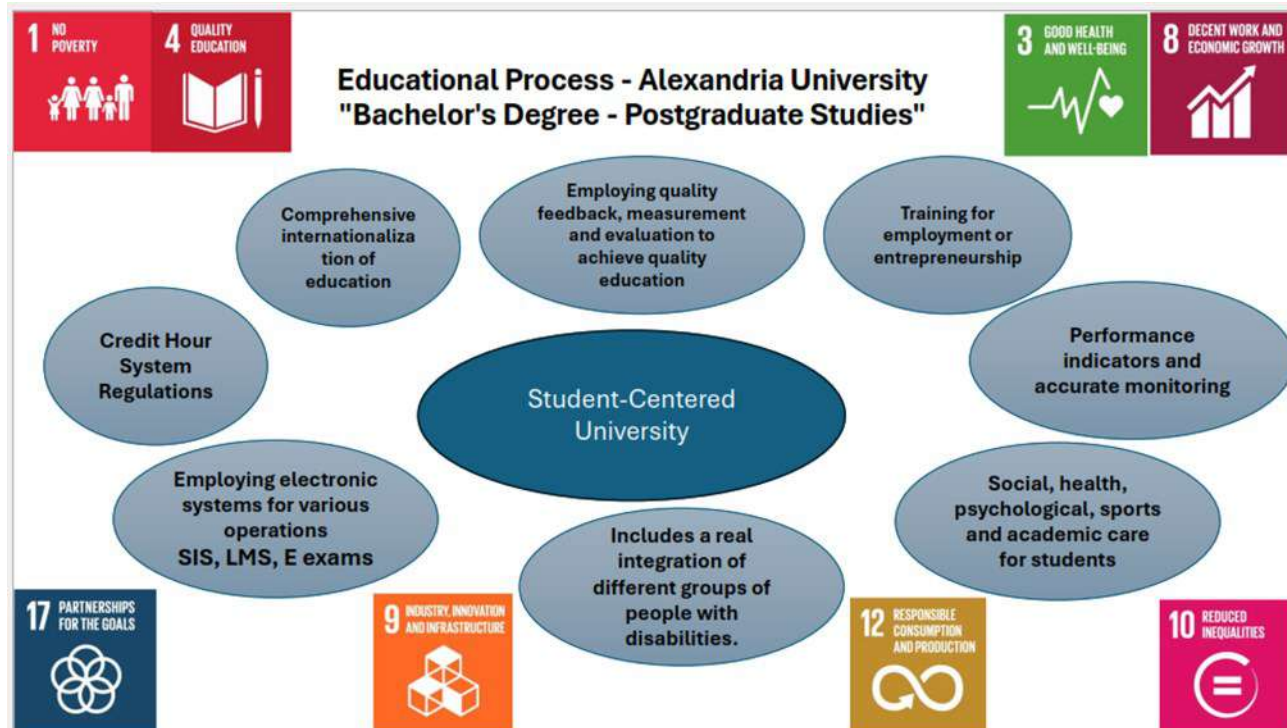
Courses	2020/2021	2021/2022	2022/2023	2023/2024
Number of courses/subjects offered for undergraduate programs	6906	6906	6906	6906
Number of courses/subjects offered for Postgraduate programs.	6604	6916	6916	6916
Total number of courses	13510	13520	13520	13520

Total number of courses offered in **2023/2024** = **13520** courses

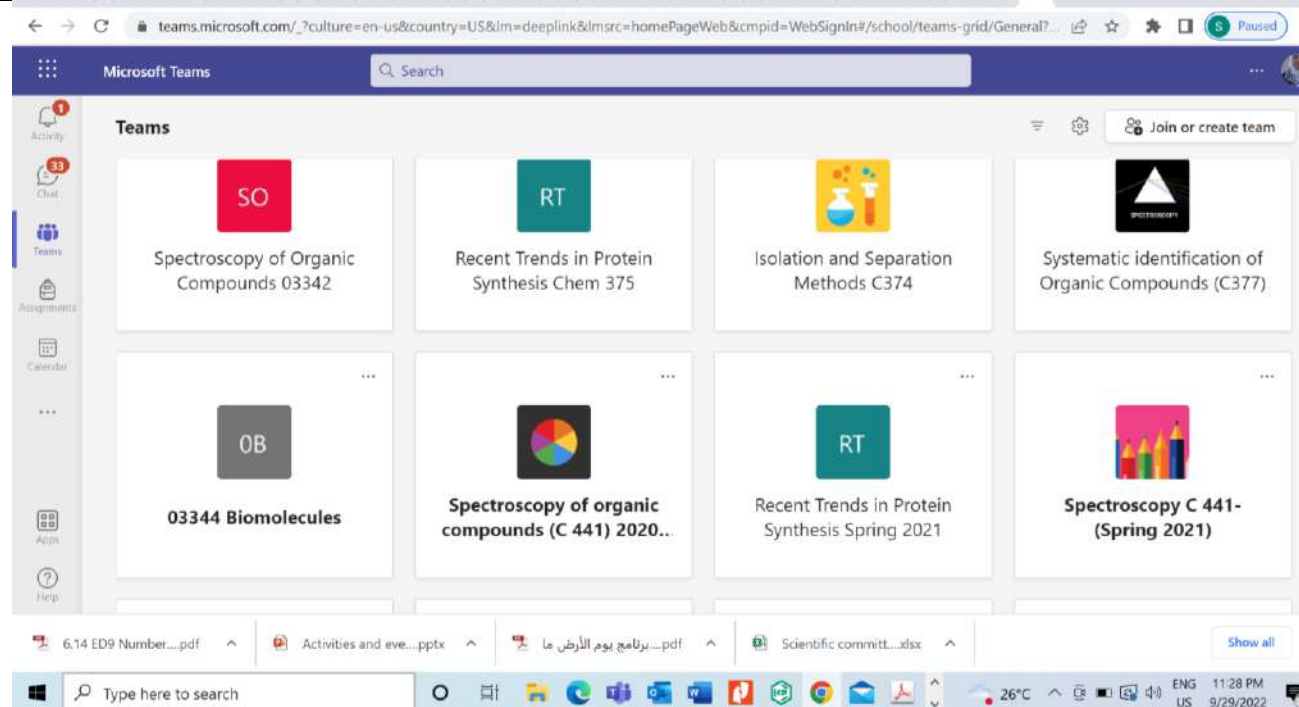
Total Courses offered at Alexandria National University, Egypt in 2023-2024

College	Program	Total number of courses
College of Medicine	Medicine and Surgery Program	49
College of Dentistry	Oral and Dental Medicine and Surgery Program	75
College of Pharmacy	Pharm de Clinical Program	66
College of Engineering	- Architecture and Construction Program	55
	- Computers and Communications Program	101
	- Mechatronics and Robotics Engineering Program	84
College of Computer and Data Sciences	Cybersecurity Program - Smart Systems Program	48
College of Science	Software and Multimedia Industry Program	53

Total number of courses offered at Alexandria National University, in **2023/2024** = **531** courses



Online Courses



Microsoft Teams

Search

Join or create team

SO
Spectroscopy of Organic Compounds 03342

RT
Recent Trends in Protein Synthesis Chem 375

Isolation and Separation Methods C374

Systematic identification of Organic Compounds (C377)

OB
03344 Biomolecules

Spectroscopy of organic compounds (C 441) 2020..

RT
Recent Trends in Protein Synthesis Spring 2021

Spectroscopy C 441- (Spring 2021)

6.14 ED9 Number....pdf | Activities and eve...pptx | برنامج يوم الأرض ما...pdf | Scientific commit...xlsx

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Using Microsoft Teams (Alexandria University, EGYPT)



Skill labs at the Faculty of Medicine – Alexandria University

DUAL AND JOINT DEGREES IN NUMBERS



Manchester University	Joint degree	Medicine	2020
Manchester University	Joint degree	Dentistry	2022



MANCHESTER
1824
The University of Manchester



FACULTY OF
MEDICINE

**THE JOINT AWARD OF MBCHB/MBBCH
BETWEEN
SCHOOL OF MEDICAL SCIENCES,
FACULTY OF BIOLOGY, MEDICINE AND HEALTH,
UNIVERSITY OF MANCHESTER
AND
FACULTY OF MEDICINE
ALEXANDRIA UNIVERSITY**

STARTING ACADEMIC YEAR
2021/2022

FIVE ACADEMIC YEARS:

- The joint programme curriculum & assessment match the Manchester programme.
- Programme is delivered in Alexandria and managed by both Alexandria & Manchester Medical Faculties.
- Graduation certificate is signed by both Alexandria and Manchester Universities.

ANNUAL FEES 15000 \$.

ADMISSION REQUIREMENTS :

- * Applicants for this programme should meet existing Egyptian National Entry requirements to study Medicine at the University of Alexandria or any other Egyptian Governmental University and be further selected based on the Joint programme admission requirements.

**FOLLOW
US**

Further information & Online application will be available soon
www.alexmed.edu.eg

For enquiries, contact:
vd_student@alexmed.edu.eg







Alexandria University signs the first joint scientific degree for the Bachelor of Medicine and Oral and Dental Surgery with the University of Manchester- UK. The programme saw its first cohort begin their studies in 2021.



East London University	MOU	General	2023
East London University & Alexandria National University	MOU	General	2023

Partnership Agreement of Alexandria University with United Kingdom



UNIVERSITY OF ESSEX	MOU	GENERAL	2023
School of Computer Science and Electronic Engineering Essex University	Dual Degree	Engineering	2023
Essex Business School Essex University	Dual Degree	Business	2023
Essex University	Dual Degree	Political Sciences	2024
Essex University	Dual Degree	Graduate Studies & Research	2023

Partnership Agreement of Alexandria University with United Kingdom

Southampton University	MOU	General	2021
Business School Southampton University	Progression Agreement	Business	2024
University of Strathclyde	MOU	Tourism & Hotels	2022
University of Victoria	MOU	Pharmacy Business	2023

Partnership Agreement of Alexandria University with United Kingdom

Description:

Microsoft team, Moodle, Google classroom and social media are used. Switching to blended-Learning for precautionary measures was implemented during the COVID-19 pandemic. Moodle, google classroom, social media were used to continue the relationship with the students while maintaining the precautionary measures until the University has an agreement with Microsoft team as a formal platform with blended learning 40% online and 60% traditional methods. Professors were not ready to switch to blended learning and some were completely not familiar with e-Learning platforms. Many workshops were conducted to enhance the use of blended learning and Microsoft team during the COVID-19 pandemic that organized by Innovation in Pedagogy and Aiding Distance Learning Unit.

The total number of online courses which were opened in academic year 2021/2022 were 3778 virtual courses (attached document, page 5). While, the total number of online courses which were opened in the academic year **2022/2023 & 2023/2024** were 2301 undergraduate virtual courses and 886 postgraduate virtual courses.

Additional evidence link: <https://adip.alexu.edu.eg/index.php/en/>



<https://alexu.edu.eg/index.php/ar/academicar/postgraduate-academic-programs>

Link for Sustainable Development: <https://alexu.edu.eg/index.php/en/sustainable-development>

<https://alexu.edu.eg/index.php/en/2015-11-24-10-38-07/ranking?id=6011>

<http://sustainability.alexu.edu.eg/>

Link for Green University:

https://alexu.edu.eg/index.php/?option=com_content&view=article&id=5932&catid=21&lang=ar-AA

Digitalization, by promoting digital solutions

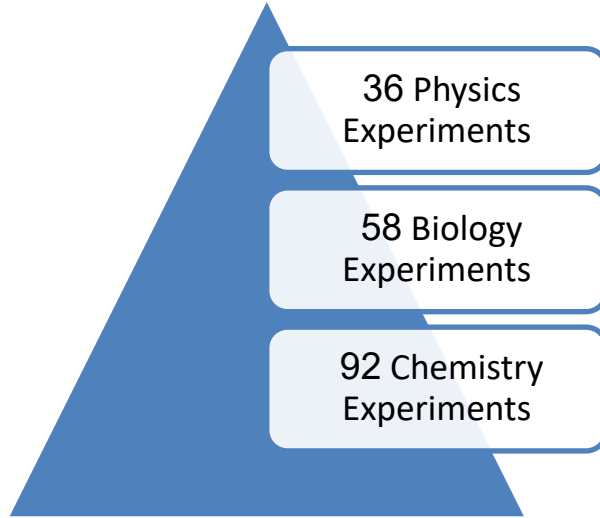
The General Framework for Digital Transformation at the University and the Center and Units for Measurement, Evaluation, and E-Learning as a Practical Example of Digital Transformation for that Purpose.

- 1- Alexandria University began its serious efforts to develop processes in preparation for their digitization in 2017, where a committee for development, monitoring, and administrative reform was established to analyze processes, eliminate waste, and conserve university resources. The committee also examined the merging and unification of documents for the various processes at Alexandria University and its faculties. The digital transformation of the measurement and evaluation system at Alexandria University began in 2018.
- 2- The Education Development Projects Management Unit funded four projects before 2018 to establish measurement and evaluation units.
- 3- Three additional projects were funded after 2018 for the digital transformation of evaluation processes in three faculties. The university also completed the digital transformation in the remaining faculties through its own efforts, utilizing resources from the electronic testing project. The total funding for the most recent project was 3,799,519 EGP, and the outcomes have reached an advanced level in areas such as question banks and the use of modern applications in practical exams.

Virtual Labs

Virtual Labs were established in Alexandria University to give the opportunity for instructors and their students to practice various kinds of labs remotely without being physically present in the lab.

Virtual Labs are 3D virtual labs for students to practice physics, biology and chemistry lab Experiments (attached example of the system used).



https://praxilabs-lms.com/dashboard

Dr.Shaimaa Elmorsy
Account Admin

Welcome to PraxiLabs

Metric	Value
Total Number of Students' Attempts	0
Total Number of LMS Content/Launchers	184
Total Number of Experiments	184
Total Number of Instructors	157
Total Number of Administrators	2

Package (Apr 10, 2023 - Jun 1, 2024) Remaining 10000 students of 10000 students

Experiments

No Experiments

https://praxilabs-lms.com/experiments/experiment

Dr.Shaimaa Elmorsy
Account Admin

Physics

Chemistry

Biology

Heat and Thermodynamic Experiments

Mechanics

Properties of matter

Electricity

Magnetism

Modern Physics

Waves Experiments

Show 10 Entries

Search:

Archimedes principle

Back Body Radiation and Stefan-Boltzmann Law of Radiation

Ballistic Pendulum

Boyle's law

Characteristics of Solar Cell (i) Dark and illumination I-V characteristics of a solar cell.

Characteristics of Solar Cell (ii) Effect of the exposed area, and the intensity of the incident light on

Characteristics of Solar Cell (iii) Study of the Spectral Dependence of the I-V Characteristics as w

Convex Lens

https://praxilabs-lms.com/experiments/experiment

Dr.Shaimaa Elmorsy
Account Admin

Physics

Chemistry

Biology

Basic Radical tests (Inorganic Chemistry)

Organic Chemistry

Acidic Radicals tests (Inorganic Chemistry)

General Chemistry

Analytical Chemistry

Show 50 Entries

Search:

(Strong acid / strong base titration) HCl/NaOH.

Analysis of a mixture containing sodium hydroxide and sodium carbonate

Aspirin titration (weak acid / strong base titration)

Claisen Schmidt Reaction (Mixed Aldol Condensation)-Synthesis of dibenzalacetone

Determination of concentration of acetic acid in its commercial Solution

Determination of concentration of chlorides in water sample (Volhard's method)

Determination of concentration of citric acid in soda

Determination of concentration of silver nitrate by Fajan's method

https://praxilabs-lms.com/experiments/experiment

Dr. Shaimaa Elmorsy
Account Admin

Physics Physiology

Chemistry Biochemistry

Biology Cell Culture

Toxicology

Bioenergetics

Biochemistry

Molecular Biology

Immunology

Microbiology

Show 50 Entries Search:

- 2D Protein Electrophoresis
- Affinity Chromatography and HPLC
- Agarose Gel Electrophoresis of DNA
- Amylase test
- Antibiotic Sensitivity Test (Disc Diffusion Method)
- Bacterial Plating Out Technique Experiment (Streak plate method)
- Bioenergetics
- Building a Model for Catalytic Interactions

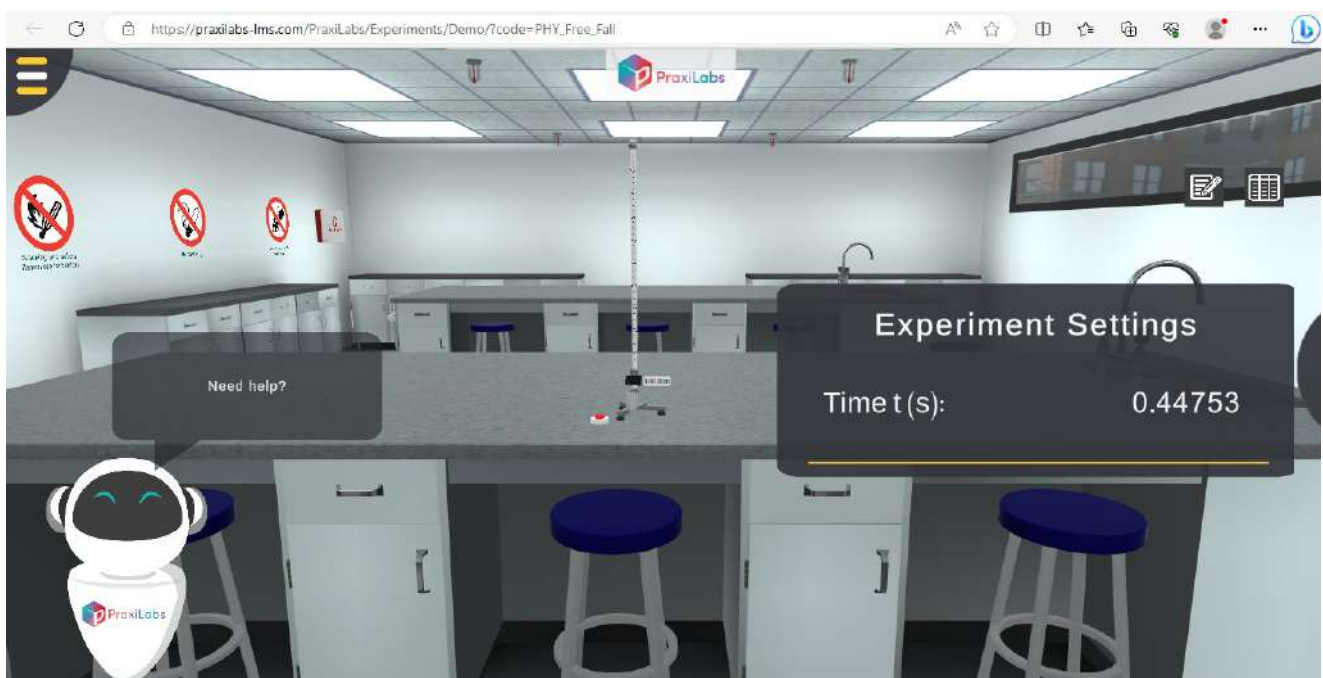
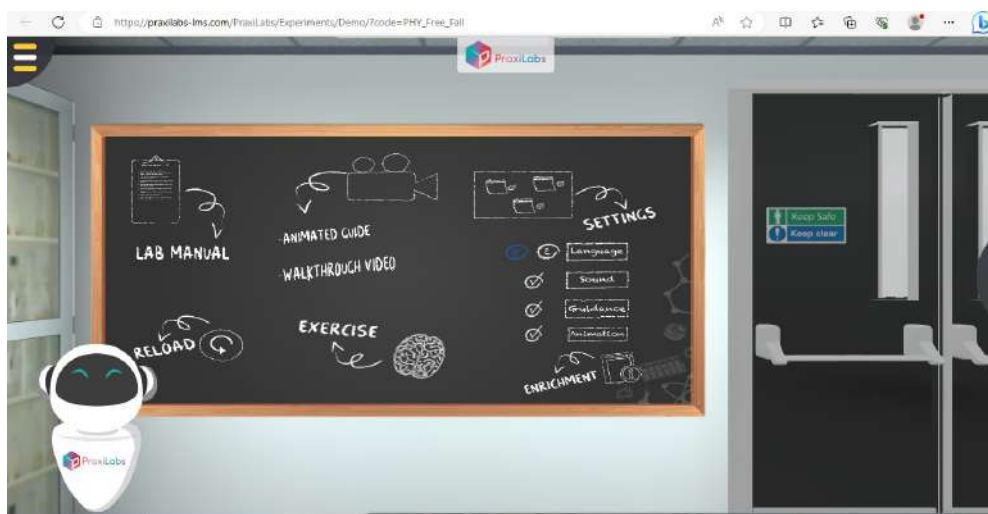
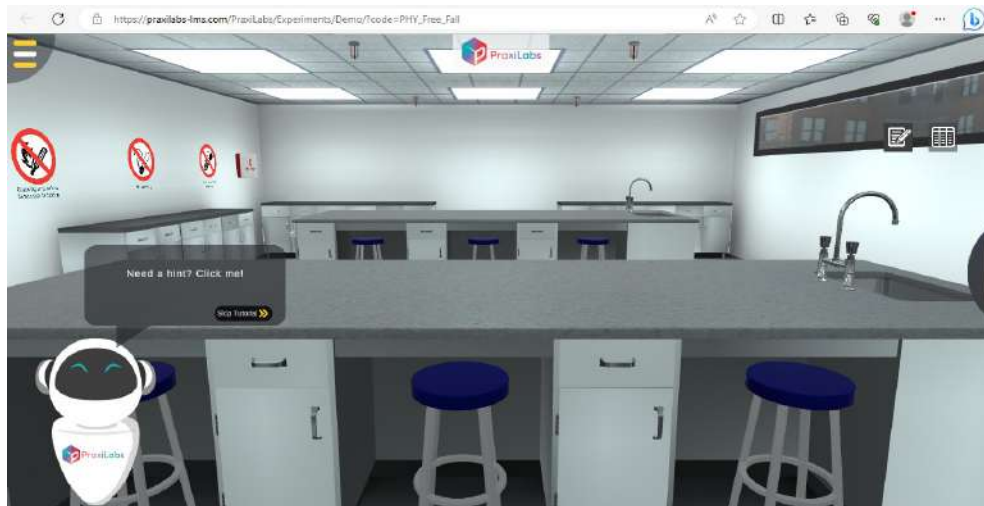
https://praxilabs-lms.com/users/instructor

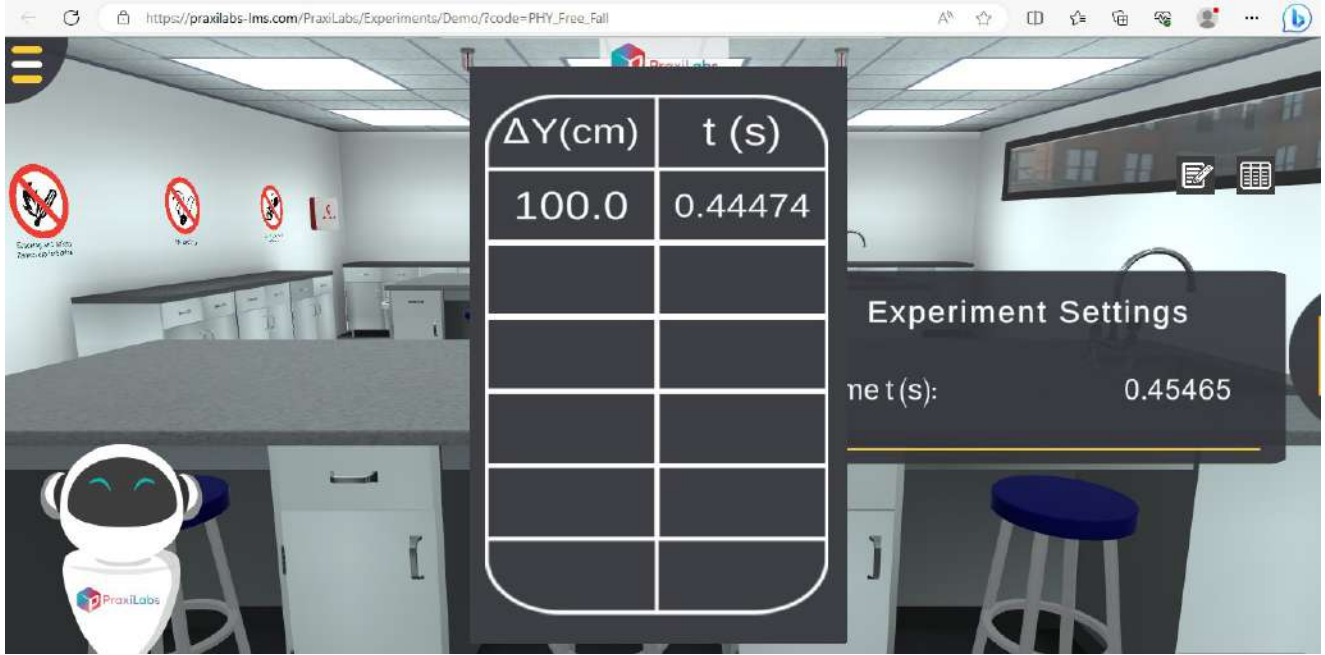
Dr. Shaimaa Elmorsy
Account Admin

Available Instructors

Show 100 Entries Search:

#	First Name	Last Name	Email	Phone Number	Actions
1	Omar	Hamad	omar.wesal@alexu.edu.eg		Edit Delete
2	Eman	Moustafa	eman.nomair@alexu.edu.eg		Edit Delete
3	Magdy	Farag	magdy.farag@alexu.edu.eg		Edit Delete
4	Alaa	Ezzat	alaa.ezzat.m@alexu.edu.eg		Edit Delete
5	Samar	Salah	samar.salah@alexu.edu.eg		Edit Delete
6	Ahmed	Sorour	ahmed.sorour@alexu.edu.eg		Edit Delete
7	Daaa	Saied	daaa.saeed@alexu.edu.eg		Edit Delete
8	Mohamed	Mshaly	m.mshaly@alexu.edu.eg		Edit Delete





Electronic Exam Halls (Alexandria University, EGYPT)



Electronic Exam Halls at the Faculty of Medicine (Alexandria University, EGYPT)



New Electronic Exam Halls at the Faculty of Nursing (Alexandria University, EGYPT)

**The total number of electronic exams in academic years
2021/2022, 2022/2023, 2023/2024**

-2022
2021

248

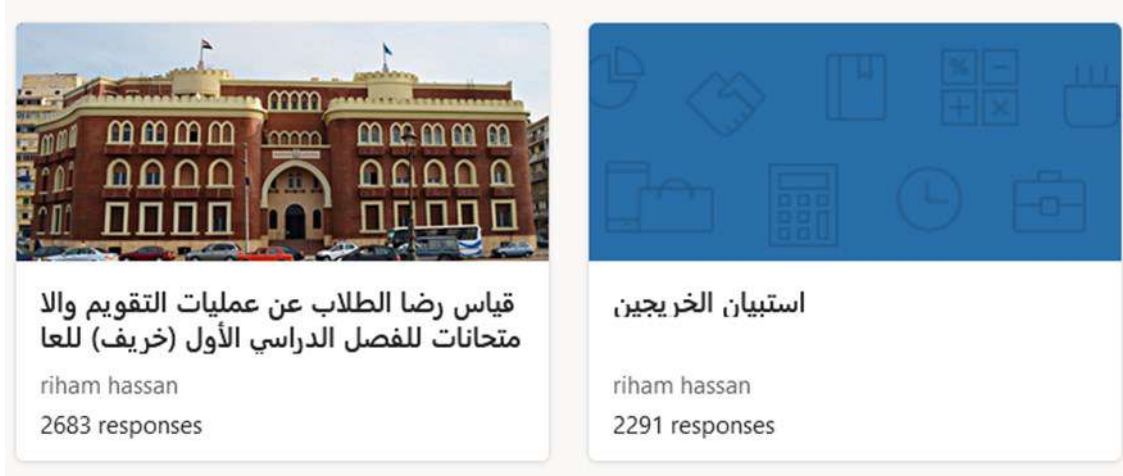
-2023
2022

195

-2024
2023

241

Some electronic forms used in managing the performance of the educational process, including academic and examinations, for Egyptian and international students, and for faculty members and support staff.



Measuring student satisfaction with assessment methods in Alexandria University



1-E-exam

<http://www.med.alexu.edu.eg/en/manchester-electronic-exams/>


2- Daily follow-up form for the educational process for the undergraduate studies.


3- Daily follow-up form for the educational process for the potgraduate studies.





Weekly follow-up form for the educational process for the undergraduate and postgraduate courses during the semester.


International Collaboration and Partnerships is performed by collaborating with other countries and institutions to share knowledge, technology, and expertise on GHG emission reduction.




- 

International Partnerships : **Partnerships with world-class universities across the globe through bilateral/multilateral agreements and their follow-up**
- 

Visiting Professors
- 

Supporting Alexandria University Branches in South Sudan, Chad, and Malaysia
- 

Students mobilities and Exchange
- 

Study Abroad strategy through double and joint degrees



Agreements With AU In Numbers

- European Countries : 52 signed + 37 waiting final approvals
- Asian Countries : 11 signed + 19 waiting final approvals
- North & South America Countries : 15 signed + 14 waiting final approvals
- African Countries : 7 signed + 6 waiting final approvals
- Arab Countries : 23 signed + 13 waiting final approvals

DUAL AND JOINT DEGREES IN NUMBERS

Dual Degrees : 49 with 5 countries

- (U.K. / U.S.A./ France/ Italy/ Spain)

Joint Degrees: 3 with 2 countries

- (U.K. / France)

Potential Programs: 87 with 8 countries

(U.K. / U.S.A./ France/ Italy/ Germany/ Canada/ Austria/ Malaysia)

Partnership Agreements of Alexandria University with U.K.

University	Type	Speciality	Date
Manchester University	Joint degree	Medicine	2020
Manchester University	Joint degree	Dentistry	2022
University of Essex	MOU	General	2023
School of Computer Science and Electronic Engineering Essex University	Dual Degree	Engineering	2023
Essex Business School Essex University	Dual Degree	Business	2023
Essex University	Dual Degree	Political Sciences	2024
Essex University	Dual Degree	Graduate Studies & Research	2023
East London University	MOU	General	2023
East London University & Alexandria National University	MOU	General	2023
Southampton University	MOU	General	2021
Business School Southampton University	Progression Agreement	Business	2024
University of Strathclyde	MOU	Tourism & Hotels	2022
University of Victoria	MOU	Pharmacy Business	2023

International collaborations

Partnership Agreements of Alexandria University with different Universities

Country (University)	Type	Speciality	Year
France (Université de Bordeaux, Aix-Marseille Université), Morocco (Université Cadi Ayyad à Marrakech, Université Sultan Moulay Slimane de Béni Mellal) Tunisia (Université de Tunis - El Manar) Lebanon (Université Saint-Esprit de Kaslik) Poland (Jagiellonian university in Kraków)	Dual Degree	Faculty of Science (Euro-Mediterranean Master of Neuroscience and Biotechnology)	2012
France (Bordeaux University, Tours University, Vichy Clermont de l'osteopathie), Morocco (Kady Ayad University, Private University of Marakesh)	Collaboration with Agence Universitaire de la Francophonie (AUF)	Faculty of Science (Neurobiology)	2012



Italy (Catania University)	Dual Degree	Faculty of Science (Smart Environmental Management of Climate Change)	2019
Germany (Aachen)	Dual Degree	Faculty of Science (Natural Resources Sustainability for Land Development)	2022
Portugal (University of Aveiro)	Dual Degree	Faculty of Science (Sustainable Management of Fisheries and Aquaculture Science)	2022
France (IAE de Poitiers - Institut d'Administration des Entreprises)	Dual Degree	Faculty of Business	2023
New York, USA (Pace University)	Dual Degree	Faculty of Business	2023
Germany (University of Kassel and Brandenburgische TU)	Dual Degree	Faculty of Fine Art	2017
Germany (Karlsruhe Institut für Technologie)	Dual Degree	Boys Sport Faculty	2022
Germany (Technical University of Munich)	Dual Degree	Faculty of Agriculture	2020