

Postgraduate Studies and Research Sector

Vision & Mission

Vision:

A step towards development and excellence in scientific research

Mission:

Post Graduate Studies and Research Sector at the Faculty of Science, Mansoura University aims at developing the scientific research system in accordance with international standards of quality and distinction to meet the demands of society within a framework of ethical standards, solve its problems and achieve its future aspirations.



Postgraduate Studies and Scientific Research Sector Data

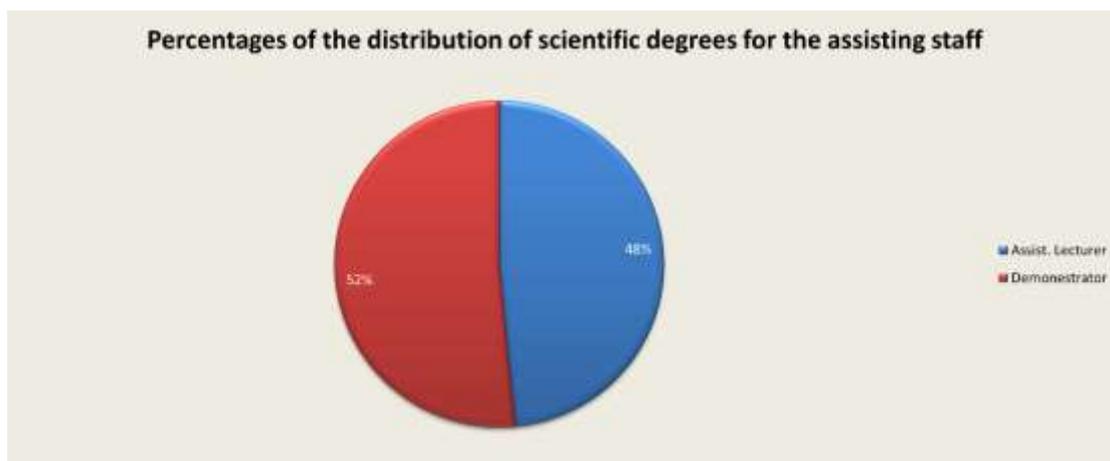
Academic and emerging academic staff members

The number of faculty academic staff members is 467, of whom 361 currently are on the job and 197 are from the emerging academic staff (demonstrators and assistant lecturers), 161 of whom are on the job. All of the faculty academic and emerging academic staff members are distributed according to the academic degree:

	Professor Emeritus	Professor	Assist. Professor	Lecturer	Total	Assist. Lecturer	Demonstrator	Total
Number	142	38	68	113	361	78	83	161
Percentage	39.34	10.53	18.83	31.3	100	48.45	51.55	100

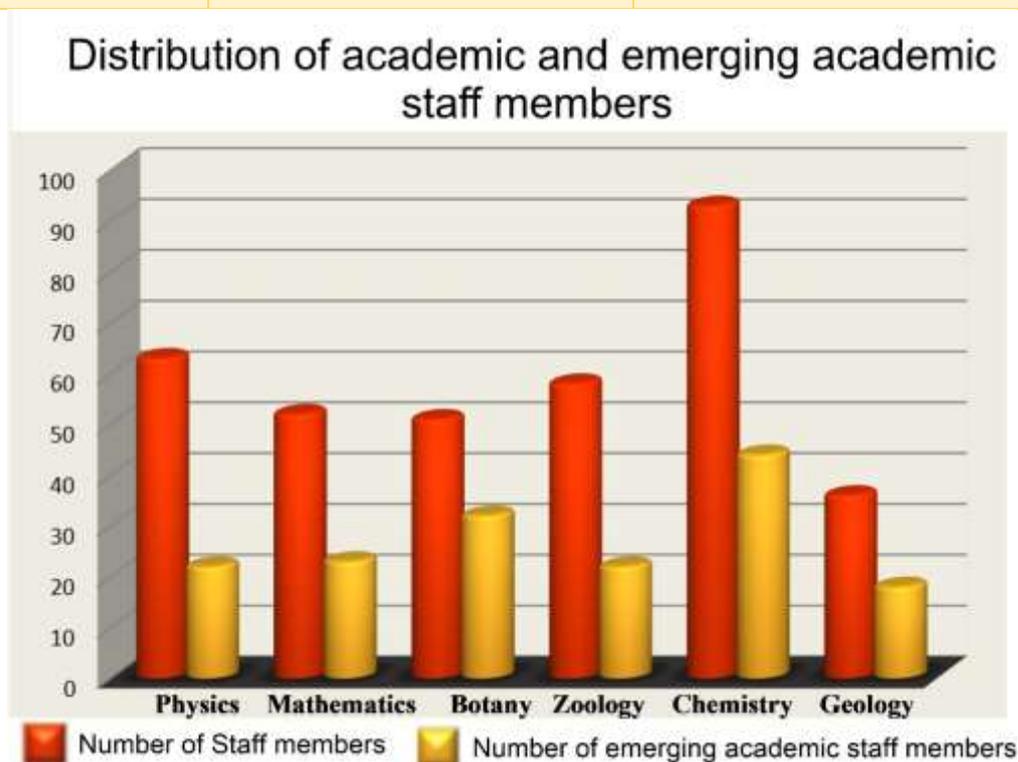
Percentage distribution of academic degrees for faculty members





Distribution of academic and emerging academic staff members in the different departments

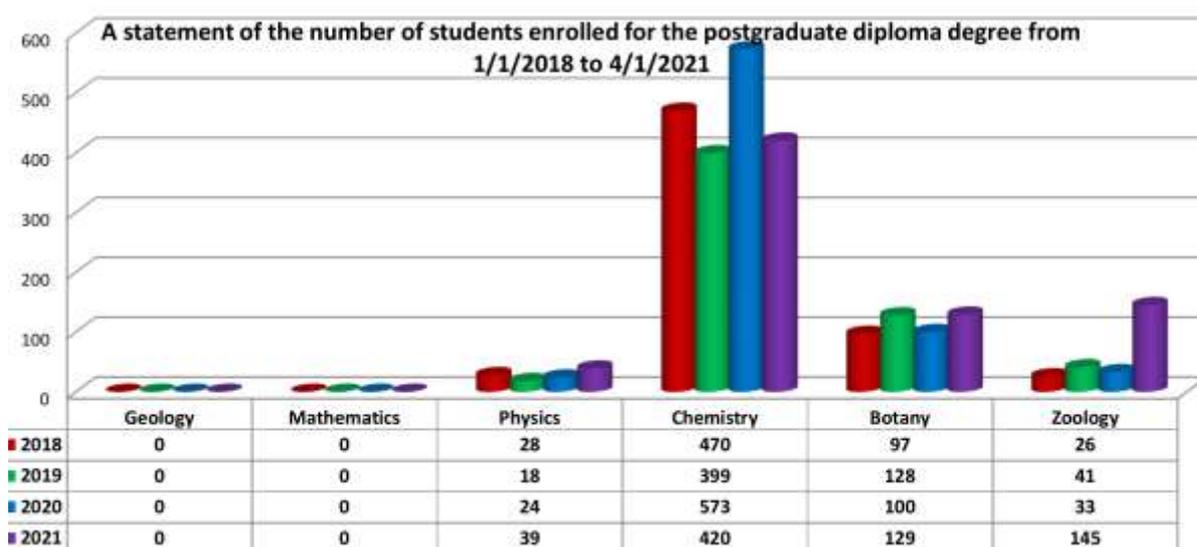
Department	Number of academic staff members	Number of emerging academic staff members
Physics	63	22
Mathematics	52	23
Botany	51	32
Zoology	58	22
Chemistry	93	44
Geology	36	18
Total	361	161



The number of postgraduate national and foreign students registered for Diploma, Master and Doctor of Philosophy degrees from 1/1/2018 to 1/4/2021

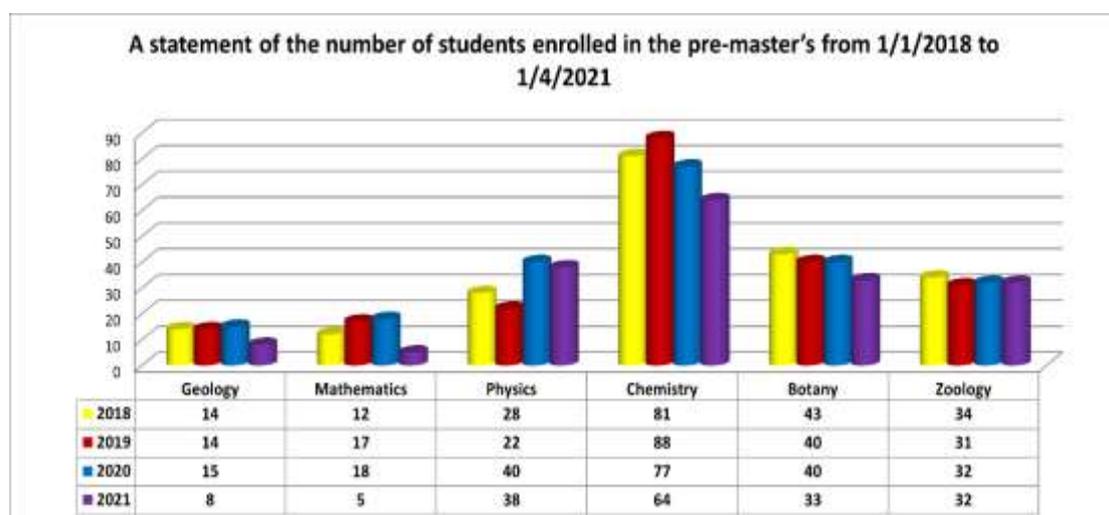
The number of students enrolled for Diploma degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	----	----	28	470	97	26	621
2019	----	----	18	399	128	41	586
2020	----	----	24	573	100	33	730
2021	----	----	39	420	179	145	783



The number of students enrolled in the Pre-Master from 1/1/2018 to 1/4/2021

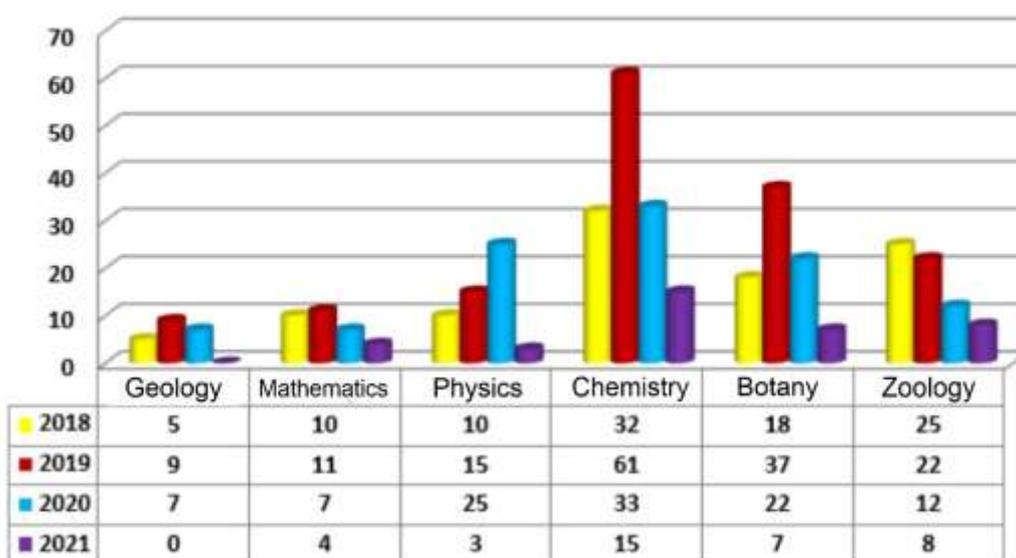
Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	14	12	28	81	43	34	212
2019	14	17	22	88	40	31	212
2020	15	18	40	77	40	32	222
2021	8	5	38	64	33	32	180



The number of students enrolled for the Master degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	5	10	10	32	18	25	100
2019	9	11	15	61	37	22	155
2020	7	7	25	33	22	12	106
2021	-	4	3	15	7	8	37

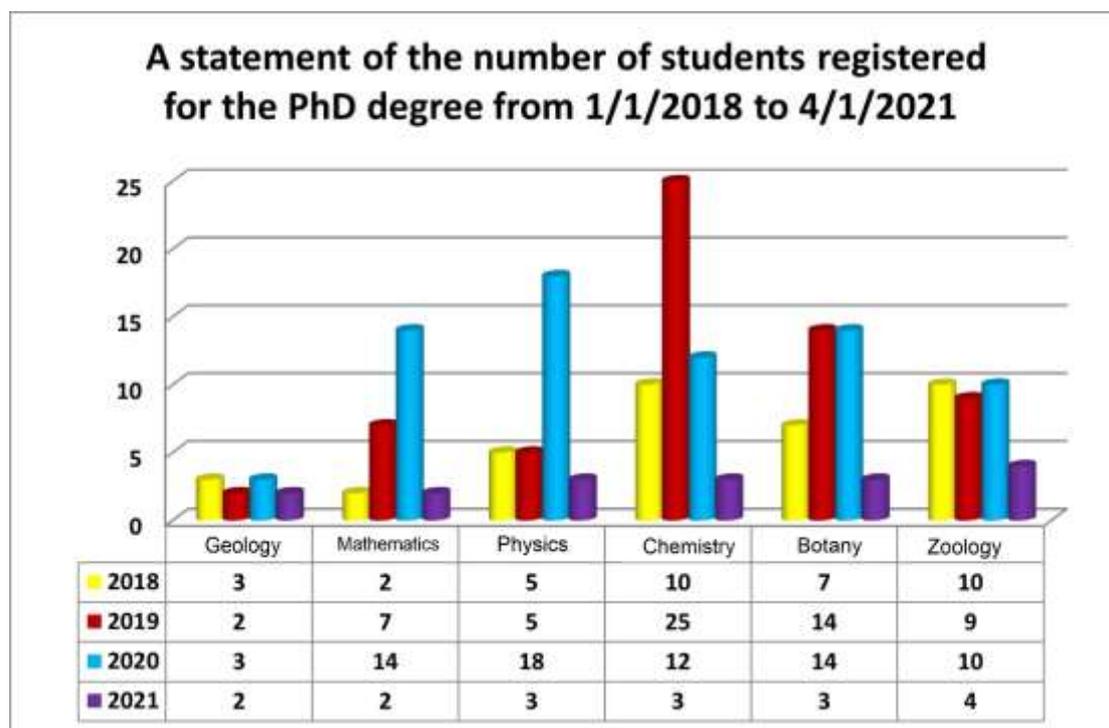
A statement of the number of students enrolled for the master's degree from 1/1/2018 to 4/1/2021



The number of students enrolled for the PhD degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	3	2	5	10	7	10	37
2019	2	7	5	25	14	9	62
2020	3	14	18	12	14	10	71
2021	2	2	3	3	3	4	17

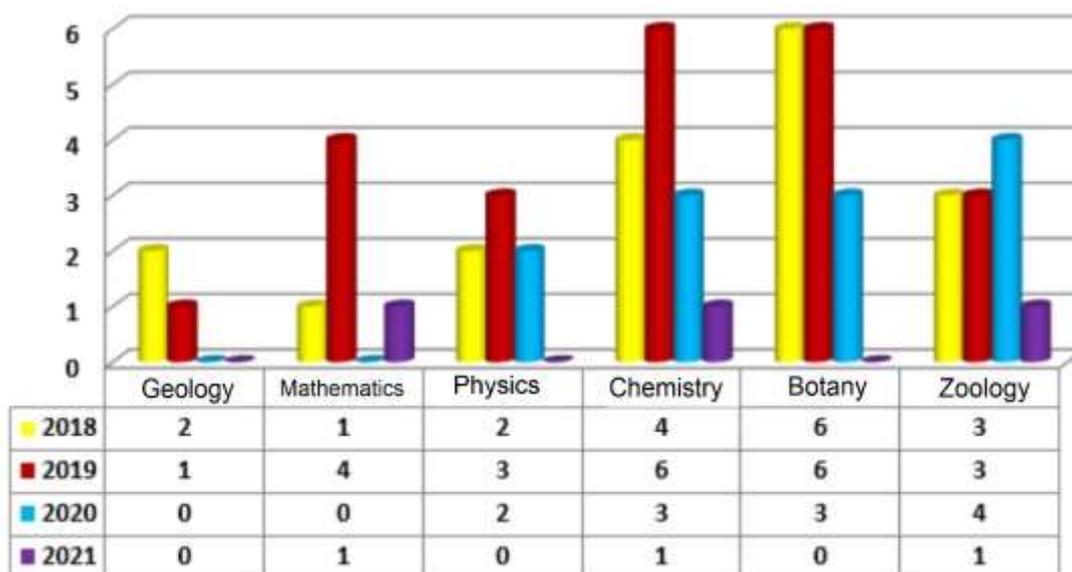
A statement of the number of students registered for the PhD degree from 1/1/2018 to 4/1/2021



The number of foreign students enrolled for Master degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	2	1	2	4	6	3	18
2019	1	4	3	6	6	3	23
2020	-	-	2	3	3	4	12
2021	-	1	-	1	-	1	3

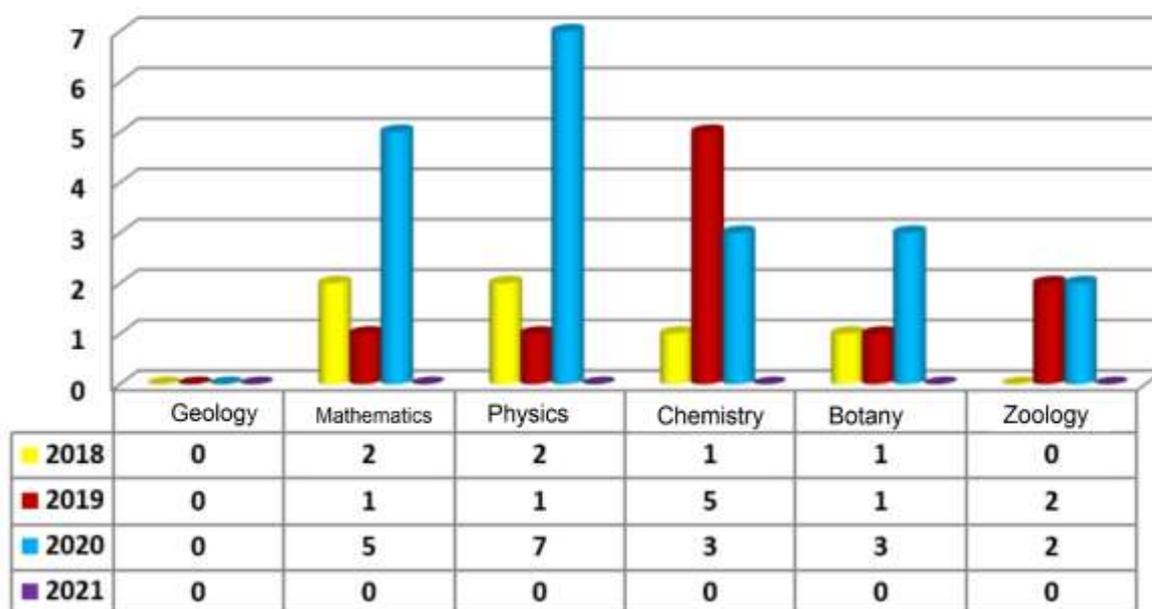
A statement of the number of foreign students registered for a master's degree from 1/1/2018 to 4/1/2021



The number of foreign students registered for PhD degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	-	2	2	1	1	-	6
2019	-	1	1	5	1	2	10
2020	-	5	7	3	3	2	20
2021	-	-	-	-	-	-	-

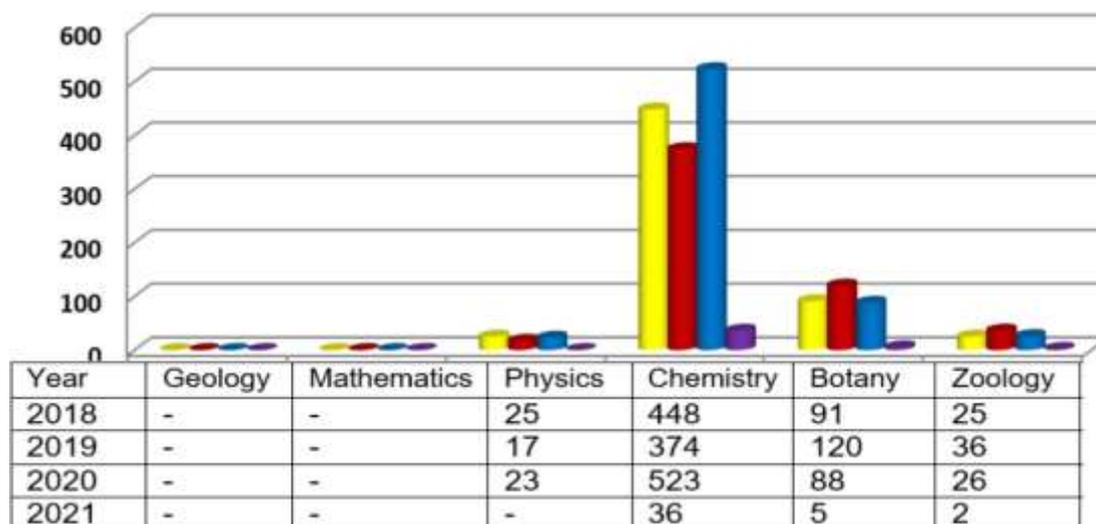
A statement of the number of foreign students registered for the PhD degree from 1/1/2018 to 4/1/2021



The number of students awarded Diploma degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	-	-	25	448	91	25	589
2019	-	-	17	374	120	36	547
2020	-	-	23	523	88	26	660
2021	-	-	-	36	5	2	43

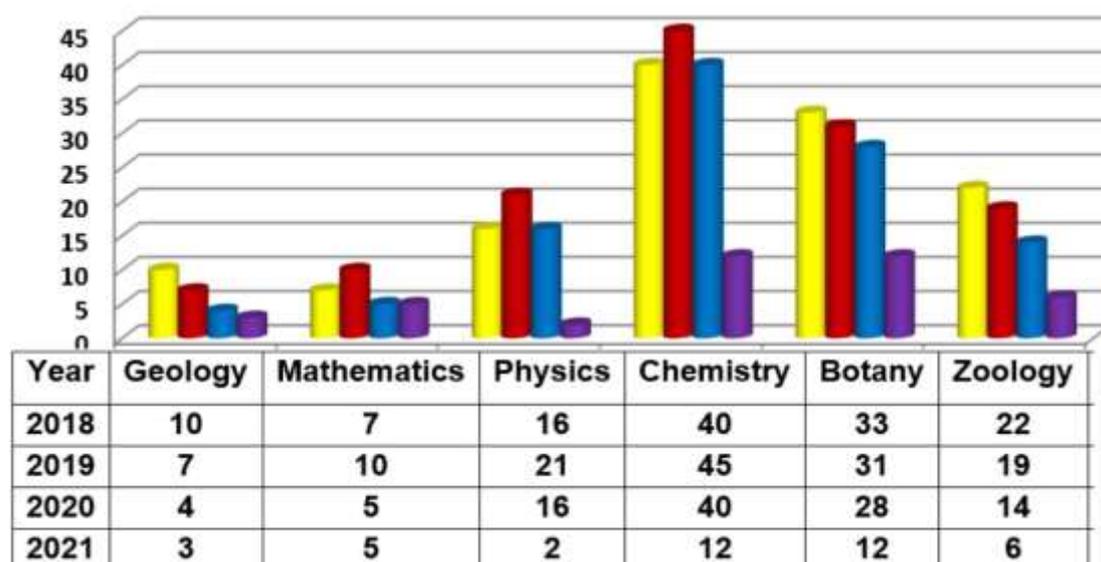
A statement of the number of students awarded a postgraduate diploma from 1/1/2018 to 4/1/2021



The number of students awarded the Master degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	10	7	16	40	33	22	128
2019	7	10	21	45	31	19	133
2020	4	5	16	40	28	14	107
2021	3	5	2	12	12	6	40

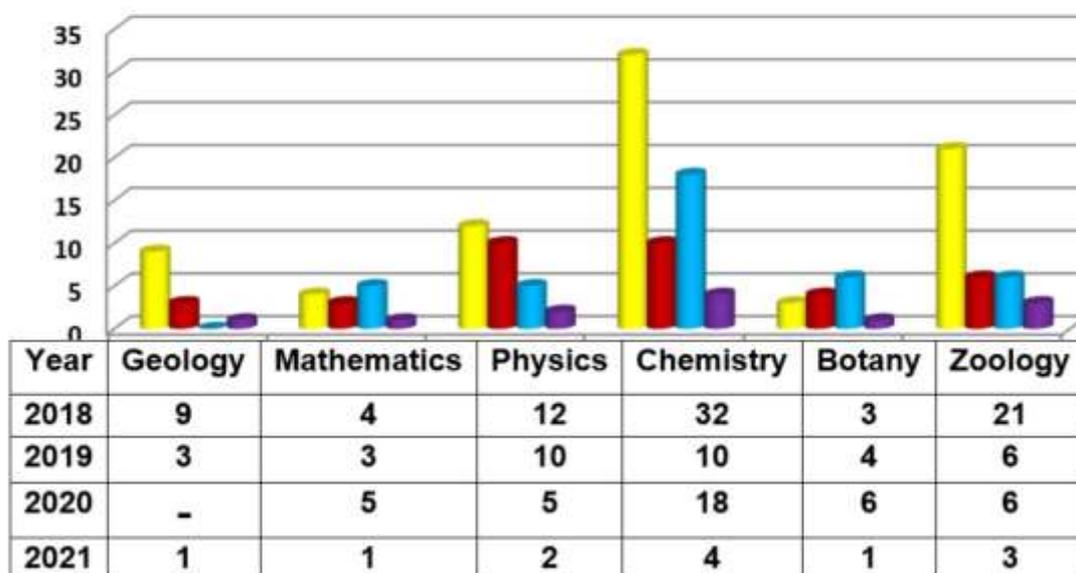
A statement of the number of students awarded a master's degree from 1/1/2018 to 4/1/2021



The number of students awarded PhD degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	9	4	12	32	3	21	81
2019	3	3	10	10	4	6	36
2020	-	5	5	18	6	6	40
2021	1	1	2	4	1	3	12

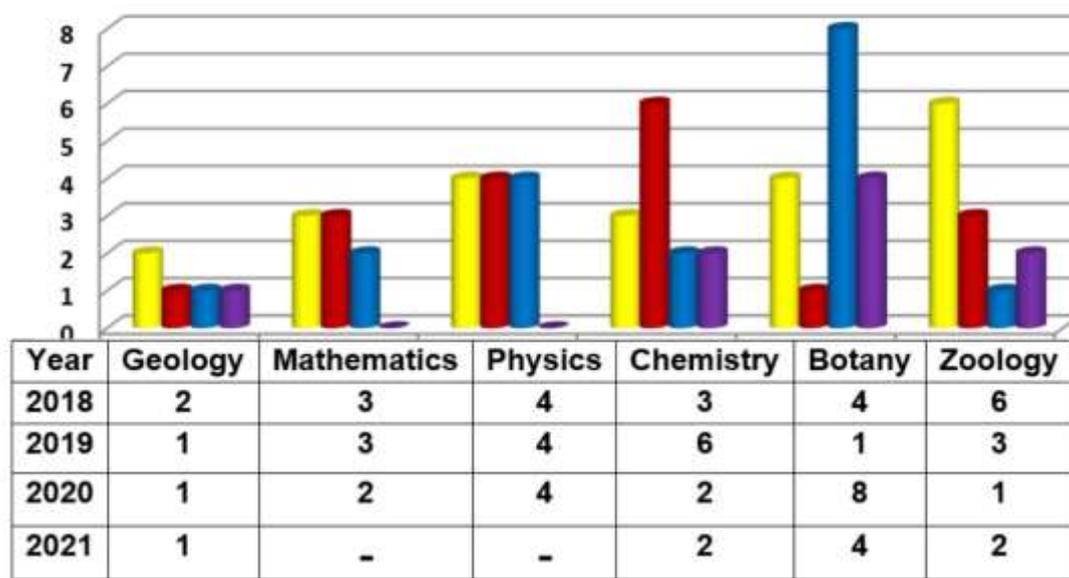
A statement of the number of students awarded PhD degrees from 1/1/2018 to 4/1/2021



The number of foreign students awarded Master degrees from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	2	3	4	3	4	6	22
2019	1	3	4	6	1	3	18
2020	1	2	4	2	8	1	18
2021	1	-	-	2	4	2	9

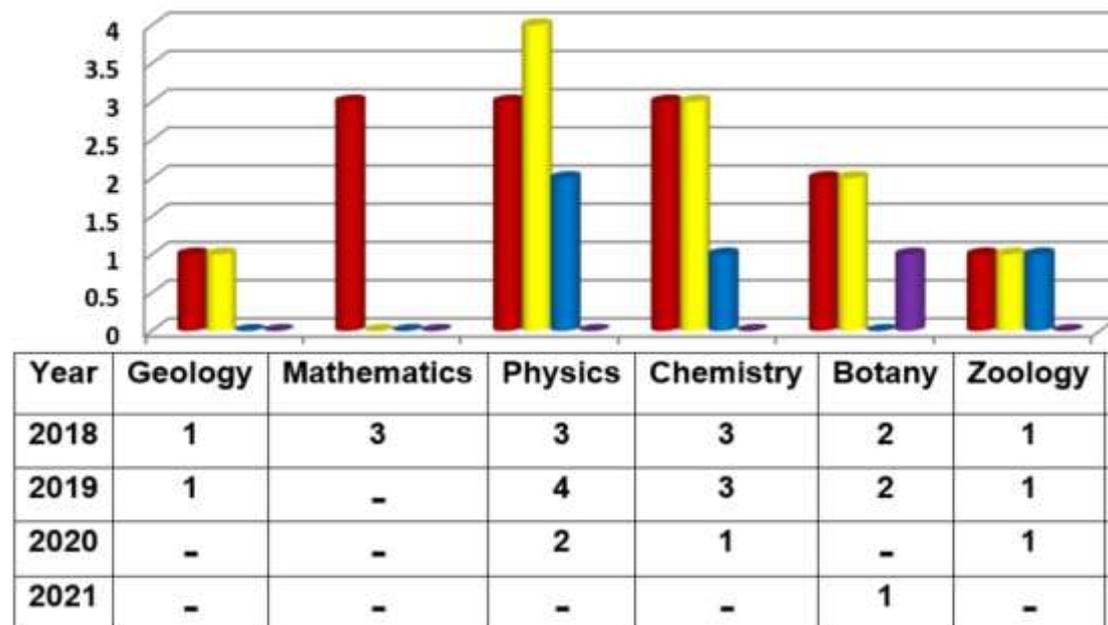
A statement of the number of foreign students granted master's degrees from 1/1/2018 to 4/1/2021



The number of foreign students awarded PhD degree from 1/1/2018 to 1/4/2021

Year	Geology	Mathematics	Physics	Chemistry	Botany	Zoology	Total
2018	1	3	3	3	2	1	13
2019	1	-	4	3	2	1	11
2020	-	-	2	1	-	1	4
2021	-	-	-	-	1	-	1

A statement of the number of foreign students granted PhD degrees from 1/1/2018 to 4/1/2021



Research Projects & Activities

Research projects:

The following table shows the funders and the funding value for the research projects obtained until April 2021

No.	Funders	Funding value	number of projects
1	University Research Unit Fund	922000 EP	52
2	Academy of Scientific Research and Technology	455000 EP	2
3	National Commission for Education, Science and Culture - UNESCO	20000 \$	1
4	Projects funded by the Science, Technology and Innovation Funding Authority (STIFA) for staff members		4
5	Projects funded by the Science, Technology and Innovation Funding Authority (STIFA) for postgraduate students		10
6	University Research Unit Fund for postgraduate students		18

Research activities

There are many contributions of academic staff members in reviewing research papers and projects.

- ❖ There are some participation of faculty academic staff members in national or international organizations and associations.
- ❖ Scientific research databases indicate a high number of published research papers locally and internationally compared to the number of academic staff members.

The following tables show the total research, the research production rate of the member in each department, the proportion of participants in scientific research in the different departments.

The overall research, and the research production rate of the member in each department

Department	Total no. Research	The number of members in the department	Annual member achievement rate
Chemistry	3516	93	37.8
Physics	2480	63	39.4
Mathematics	1802	52	34.7
Zoology	910	58	15.7
Botany	944	51	18.5
Geology	677	36	18.8
Total	10329	361	28.6

Percentage of participants in scientific research in the different departments

Department	No. members	Research participants	Percentage of Contribution
Physics	123	80	%65
Mathematics	107	55	%51.4
Botany	96	51	%53.1
Zoology	94	59	%62.8
Chemistry	178	106	%59.6
Geology	66	45	%68.2
Total	664	396	%59.6

Patents

Faculty staff members have awarded 25 patents:

Prof. Dr. Ahmed Ali Hamed Fadda (1), Prof. Yehia Abdel Moneim Laziq (2), Prof. Mamdouh Abdel Mujeeb (1), Prof. Mohamad Abdul Hafez Al-Far (1), Prof. Mohamed Ismail Abdel Hamid (1), Prof. Mohamed Ahmed Ismail Abu El-Enein (10), Prof. Ibrahim El-Sherbiny (1), Prof. Maher Mahmoud Al-Tunsi (3), Prof. Jamal Mahmoud Abdel-Fattah Auf (1), Prof. Gomaa Mohamad Al-Damrawi and Prof. Hamdi Dowidar Taqi Al-Din and Dr. Iman Youssef Azzam (1), Prof. Awad Ibrahim

Ahmed and d. Naira Samir Al-Masry (1), Dr. Shadi Mohammed Aldafrawi and Prof. Dr. Mohamed Mohamed Aldafrawi and Prof. Ahmed Al-Wasif (1), Dr. Fathy Samy (1).

State or international awards won by academic staff members

Serial No.	Award Name	No. of prizes awarded
1	USA-New York	1
2	Honorary doctorate	3
3	Mubarak Prize in Technological Sciences	1
4	Medal of Excellence, first class	4
5	State Appreciation Award	4
6	State Award for Scientific Excellence	5
7	State Incentive Award	31
8	Abdul Hamid Shoman Award	6
9	Certificate of Appreciation for the research submitted to Abdul Hameed Shoman Prize for Young Arab Researchers	1
10	Third Year Award	1
11	Diploma Award of the World Council of Culture in Mexico	1
12	University Appreciation Award in Basic Sciences	30
13	University Award for Academic Excellence	36
14	University Incentive Award	30
15	Nile Incentive Award	1
16	Mathematics Gold Award	1
17	Best Master's Thesis Award	28
18	Best PhD Thesis Award	31
19	Dr. Vince Kamel Gouda Award for Scientific Creativity for Young Researchers in the Field of Materials Science and its Applications	1
20	Galileo-Telecio Academy of Sciences Prize in Mathematics	1
21	Max Planck Prize for the best published research in the field of materials science and radiology	1
22	Best Research Award Presented to the Biological Society	1
23	Best Book Award in Physics	1

24	Best Young Researcher Award 2014 in Germany	1
25	The Bernd Rendel Prize for the best young researcher in geology in Germany for the year 2014	1
26	SEDN Prize from the International Paleontological Congress	1
27	Excellence Award in Scientific Publishing for the year 2012 for the Continuous Development and Accreditation Qualification Program Awards	2
28	“ALAN HIGGINS” award	1
29	Organization Award for Scientific Creativity	1
30	Sheikh Khalifa Award for Education in the Field of Higher Education - Distinguished University Professor in Mathematics	1
31	Medal of Science and Arts, first class	2
32	Medal of Merit in Science and Arts	1
33	The Late Mohamed Amin Lotfy Award	4
34	The Golden Metal for the best scientific paper "A contribution study of IOL with X-ray diffraction	1
35	Best Researcher Award in Physics "Metal Physics"	1
36	Dr. Award Safaa Sharabi for the best research in the annual meeting of the Egyptian Society of Paleontology	1
37	Prof. Dr. Bahaa El Din Helmy Ismail Award	1
38	Prof. Dr. Ahmed Amin Hamza Award	4
39	Person of the Year	2
40	University award for the best research for young researchers under the age of forty	1
41	University award for the best applied research extracted from a master's or doctoral thesis	2
	Total awards	248

Research Laboratories

The faculty includes 52 research laboratories distributed among its various scientific departments, in addition to a workshop for cutting rocks and minerals, and a geological museum in the Geology Department as shown:

Department	Research laboratories
Chemistry	18
Physics	10
Geology	9 + Rock cutting workshop +Geology Museum
Mathematics	0
Botany	8
Zoology	6
Central Lab.	1

Research Centers & Units

- 1. Microanalysis Unit, Chemistry Department**
- 2. Central Laboratory, Department of Zoology**
- 3. Light lab, Department of Physics**
- 4. Microbiological Analysis Unit, Botany Department**
- 5. MRI unit**
- 6. Soap and Detergent Manufacturing Unit**
- 7. Plastic and Rubber Industry Research and Development Unit**

Scientific Journals and Library

Scientific journals:

The faculty publishes 5 refereed scientific journals, which are:

- ❖ Mansoura Journal of Chemistry
- ❖ Mansoura Journal of Biology
- ❖ Mansoura Journal of Mathematics
- ❖ Mansoura Journal of Physics
- ❖ Mansoura Journal of Geology and Geophysics

The library

Department	Arabic Books		Foreign Books	
	No. Books	No .copies	No. Books	No .copies
Mathematics	298	663	2950	4467
Physics	104	411	2988	4868
Chemistry	76	215	2346	4341
Geology	56	288	1148	1707
Botany	124	276	1034	2080
Zoology	78	659	1287	2570
Biology	77	190	1246	1771
General	89	248	88	223

Conferences & Scientific Missions

Scientific conferences:

The faculty has organized a large number of local and international scientific conferences:

- 1- The Thirteenth International Conference on Chemistry and its Role in Development was held from 20-24/3/2017
- 2- The Seventh Young Researchers Forum on 23/4/2017 in the Hall of Prof. Dr. Ahmed Amin Hamza
- 3- The scientific conference of the faculty 2016/2017 was held and the academic and emerging academic staff members, the administrative staff and the students participated in it on 10/7/2017 in Prof. Dr. Ahmed Amin Hamza hall
- 4- The Sixth International Conference on Biological Sciences and the Environment was held at the Faculty and Luxor City from 22-26/3/2018.
- 5- Mining Conference on Monday 12/3/2018 with the participation of the American Society of Petroleum Geologists and students of the Petroleum Geology and Mining Program (AAPG - Mansoura University Student Chapter).
- 6- The Eighth Young Researchers Forum on 17/7/2018 in Prof. Dr. Ahmed Hamza hall
- 7- The 14th International Conference of Chemistry and its Role in Development at the faculty and Hurghada during the period from 25-28/3/2019.
- 8- The first Mansoura Conference for Postgraduate Research in Physics from 18-20 September 2018.

9- The scientific event organized by the Physics Department, Faculty of Science, Mansoura University, entitled “Egyptian-Roman Physics Day” on Monday and Tuesday 24 and 25 June 2019.

10- The Ninth Young Researchers Forum on 2/3/2020 in Prof. Dr. Ahmed Amin Hamza hall

11- The Fifteenth International Conference of the Department of Chemistry, Faculty of Science, Mansoura University, during the period 9-13 August 2021 in Mansoura and Hurghada.

12- The tenth Young Researchers Forum on Tuesday, July 27, 2021 in the Conference Hall of the Faculty of Science.

The number of scientific visits, training courses, workshops, scientific missions, and study leaves carried out by academic and the emerging academic staff members:

Year	Scientific Visits		Training courses and seminars		Workshop		Scholarships, study leave and scientific missions		Conference contribution	
	Local	Outside	Local	Outside	Local	Outside	Local	Outside	Local	Outside
2017	-	6	5	10	1	2	-	10	76	25
2018	-	5	5	9	2	5	-	20	84	17
2019	-	-	6	2	1	2	-	24	79	20
2020	-	-	1	4	-	-	-	5	6	4
2021										

The number of scientific visits, training courses, workshops, scientific missions, and study leaves carried out by academic and the emerging academic staff members:

No.	Name	Country	Duration of the visit	Specialization
1	Prof. Kurt Stewie	Professor, Graz University, Austria	From 1\3\2021 to 15\3\2021	Geology
2	Dr. Halima Idris Omar	Nigerian	13\4\2020 For 6 Months	Chemistry
3	Dr. Samira Ghagati	Farhat Abbas Setif University - Algeria	Mar-2020	Chemistry
4	Dr.Intisar Sari	Farhat Abbas Setif University - Algeria	Mar-2020	Chemistry
5	Prof. Philip Gingrid	Michigan University	February 2020	Zoology
6	Prof. Elaine Ruth Millar	American	14\12\2019 to 20\12\2019	Geology
7	Prof. Hossam El Din Zaher	University of Sao Paulo, Brazil	During 16-21/11/2019	Geology
8	Prof. Auxil Alo Zira	Farhat Abbas Setif University - Algeria	29/9/2019 to 8\10\2019	Chemistry
9	Prof. Tokal Lindh	Farhat Abbas Setif University - Algeria	29/9/2019 to 8\10\2019	Chemistry
10	Dr. Adnan Hassan	Institute of Applied Geosciences-Germany	September 2019	Geology
11	Dr. Sabah Sanusi	Saad Dahleb University - Blida Province, Algeria	September 2019	Physics
12	Prof. Dr. Bahja Ismail Abdel Rasoul Sayed Abdel Hamid	Kuwait	September 2019	Zoology
13	Dr. Matt Borth	Rock University	08/04/2019	Geology
14	Dr. Hawley Ballard	The University of Oklahoma, USA	08/04/2019	Geology
15	Prof. Charles Almaner Dr. Christian Heck Dr. Brian Sanderfield Dr. Hawley Ballard	The University of Oklahoma, USA	February 2019	MUVP
16	Prof. Dr. Salama Omar Baleid	Asmaria University - Zliten - Libya	Sep-18 For 6 Months	Mathematics
17	Mr. Abdel Salam Ahmed Mohamed Ibrahim	Al-Zaytoun University - Libya	Mar-18	Geology