

Grade Transcript

This is to certify that\ Mostafa Samir mokhttar , enrolled in the college from the academic year 2021-2022 till now , and wilt obtain the degree of B.Sc. (**Bachelor of Science**) in department (**Major:- Chemistry, Minor:- Botany**) from **Damanhour University in July 2025 (after finishing the fourth year (the last year))**, The general grade till now is (Very good) with TGPA (3.150/ 4),111 credit hours till now.

The student studied the following subjects and his grades as mentioned below:

First: Faculty Requirements (25 Credit Hours)				
Courses code	Course name	Credit hours	GPA/4	General Grade
CI01	General Chemistry (1)	3	2.33	good
C103	General Chemistry Lab (1)	1	4.00	Excellent
BOT 101	General Botany (1)	3	2.33	good
Math 111	General Mathematics	3	2.00	Acceptable
CI04	General Chemistry Lab (2)	1	3.33	Very good
Z101	General Zoology	3	2.33	good
BOT 102	General Botany (2)	3	2.33	good
Phy 112	General Physics	3	3.33	Very good
ZI02	<i>Animal Biodiversity</i>	3	2.33	good
C 102	General Chemistry (2)	2	2.67	good

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Second: College Requirements (10 t?redit Flours)				
Courses code	Course name	Credit hours	GPA/4	fleneral Grade
	English language	2	3.33	Very good
	Human and The Environment	2	3.00	Very good
	Business Administration	1	3.33	Very good
	Archeology	1	4.00	Excellent
	Human Rights			Pass
	Arabic Language	2	2.67	Good
CS 100	Computer science	2	3.67	Very good

Third: Major sp cialization requirements (Chemistry)				
1- Compulsory courses (39 Crt dit Rours)				
Courses code	Course name	Credit &OuPS	GPA/4	General Grade
C 251	Thermodynamicis and Phase Rule	2	3.67	Excellent
C 212	PracticalAnalyticalChemistry	1	4.00	Excellent
C 231	Representative elements	2	3.67	Excellent
MATH 231	Mathematics for Chemistry (1)	3	2.67	good
C 241	Organic Chemistry (1)	2	2.33	good
C 211	Fundamentals of Analytical Chemistry	2	3.00	Very good
C 242	Organic Chemistry (2)	2	2.67	Good
C 311	<i>Instrumental Analysis (I)</i>	2	3.00	Very good
C 331	Transition elements and Coordination Chemistry	3	3.67	Excellent
C 353	Quantum Chemistry (1)	2	3.00	Very good
C 252	Reversible Electrochemistry and Surface Chemistry	2	3.33	Very good
C 244	Practical organic Chemistry (1)	1	3.67	Excellent
C 312	Practical Analytical Chemistry	1	2.33	Good
C 341	Physical Organic Chemistry	1	4.00	Excellent
C 411	Instrumental Analysis (2)	2	3.67	Excellent
C 351	Chemical Kinetics and Catalysis	2	2.67	Good
c 441	Spectroscopy of Organic Compounds	2	2.67	Good

C 352	Irreversible Electrochemistry	2	2.33	Good
C 354	Practical Physical Chemistry (1)	2	3.33	Very good
C 342	Heterocyclic Compounds and Carbohydrates	2	3.33	Very good
C 344	Practical Organic Chemist' (2)	1	3.00	Very good

2- Elective courses (12 Credit Hours)

Courses code	Course name	Credit hOUM	GPA/4	General Grade
C 425	Combustion and Air pollution	2	3.67	Excellent
C 445	Stereochemistry	2	4.00	Excellent
C 343	Organic Polymers	2	3.67	Excellent
C 434	Solid State Chemistry and Nanochemistry	2	3.33	Very good
C 432	Nuclear Chemistry and Actinides	2	3.33	Very good
C 451	Molecular Spectroscopy and Photochemistry	2	3.33	Very good

Fourth: Minor specialization requires ents (BOTANY)

1- Compulsory courses (16 Creifit flours)

Courses code	Course name	Credit hours	GPA/4	General Grade
BOT 201	Plant Anatomy and Ecology	3	4.00	Excellent
MICB 201	<i>Principles of MicrobfOLO</i>	2	3.33	Verygood
BOT 204	<i>Plant Molecular Physiology</i>	2	2.67	Good

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BOT 208	Biology of Algae	2	3.67	Excellent
BOT 226	Principles of Genetics	2	2.67	Good
BOT 306	Non Flowering Plants	2	4.00	Excellent
BOT 302	Diversity of Angiosperms	3	4.00	Excellent

2- Elective courses (4 Credit Hours)

Courses code	Course name	Credit hours	GPA/4	General Grade
BOT 321	Ecosystem Dynamics and Function	2	4.00	Excellent
BOT 308	Plant Biochemistry and Metabolism	2	4.00	Excellent

Fifth: Elective courses (5 Credit Hours)

Courses code	Course name	Credit hours	GPA/4	General Grade
Z 413	Bioethics	2	4.00	Excellent
GP 305	Principles of Earthquake Seismology	3	4.00	Excellent

Total Credit Hours	Total GPA	Percentage	General Grade
111	3.15 out of 4	78.75%	Very good