

STEM- 4UG Timetable, 2024-2025 (Chemistry Program)

Fourth Year- Fourth Level/ Second Semester

Day/ Time		8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
Sunday		Active Learning	Field Study		Active Learning		Active Learning	Active Learning			
	Code/ Course	(M.4.2.3) Workshop in Data Analysis and Communication			(L-4.2.7) English for STEM 8		(E-4.2.5) Educational Leadership in Class, School, and Society	(E-4.2.4) Approaches to Investigation and Design Based Teaching and Learning			
	Faculty Staff Member	Dr. Hamada			Dr. Dalia		Dr. Maha Mourad	Dr. Ahmed Mahmoud/ Dr. Mohamed Fahiem			
	Teaching Room	Stem 2									
Monday		Field Study		Active Learning		Field Study					
	Code/ Course	(E-4.2.4) Approaches to Investigation and Design Based Teaching and Learning			(D-4.2.2) Medical Chemistry						
	Faculty Staff Member	Dr. Ahmed Mahmoud/ Dr. Mohamed Fahiem			Dr. Hesham Ismail						
	Teaching Room	Stem 2			Stem 4						
Tuesday		Field Study			Field Study			Field Study			
	Code/ Course	(P-4.2.6) Teaching Practicum in STEM Education 3 and STEM Fieldwork 8						Graduation Project			
	Faculty Staff Member	Dr...Hala						The Supervision Committee			
	Teaching Room	STEM School/ Stem 4						Stem 4			
Wednesday		Active Learning	Field Study								
	Code/ Course	(D-4.2.1) The Earth Ozone Layer									
	Faculty Staff Member	Dr. Esmat									
	Teaching Room	Lab				Stem 2					
Thursday		Field Study									
	Code/ Course	Graduation Project									
	Faculty Staff Member	The Supervision Committee									
	Teaching Room	Stem 4									

Program Coordinator

Vice-dean for Students' Affairs

Dean of the Faculty of Education

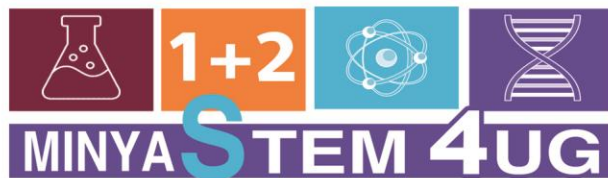
President of the University

Prof. Dalia Ali Maher Abbass

Prof. Edrees Sultan Saleh

Prof. Sayed Abd El-Azim Muhamed

Prof. Essam Eldin Sadek Farahat



Code	Course	Credit Hours	Active Learning	Field Study/ Inquiry Laboratory	Total
D-4.2.1	ENVIROMENTAL CHEMISTRY ELECTIVE Choose one of the following: a) The Chemistry of Climate Change b) The Earth Ozone Layer: Chemistry and Impact of Ozone Layer Damage	4	2	4	6
D-4.2.2	ELECTIVE: ADVANCED CHEMICAL RESEARCH in SOLVING REAL WORLD PROBLEMS Choose one of the following: a) Medicinal Chemistry b) Tackling E-waste c) Air and Water Technology Treatment	4	2	4	6
M-4.2.3	Workshop in Data Analysis and Communication	2	1	2	3
E-4.2.4	Approaches to Investigation and Design – Based Teaching and Learning	2	1	2	3
E-4.2.5	Educational Leadership in Class, School, and Society	2	2	0	2
P-4.2.6	Teaching Practicum in STEM Education 4 and STEM Fieldwork 8	2	1	4	5
L-4.2.7	English for STEM 8	1	1	0	1
CG-4.2.8	Capstone 8	3	0	12	12
Total		20			38

Program Coordinator

Vice-dean for Students' Affairs

Dean of the Faculty of Education

President of the University

Prof. Dalia Ali Maher Abbass

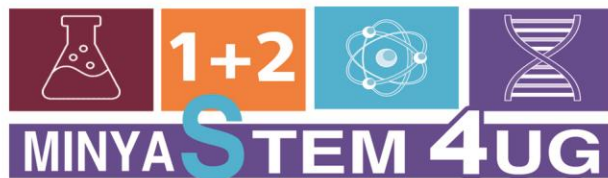
Prof. Edrees Sultan Saleh

Prof. Sayed Abd El-Azim Muhamed

Prof. Essam Eldin Sadek Farahat

كلية التربية

جامعة المنيا



**STEM- 4UG Timetable, 2024-2025 (Mathematics Program)
Fourth Year- Fourth Level/ Second Semester**

Day/ Time		8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	
Sunday		Active Learning	Field Study		Active Learning	Active Learning		Active Learning				
	Code/ Course	(M.4.2.3) Workshop in Data Analysis and Communication			(L-4.2.7) English for STEM 8	(E-4.2.5) Educational Leadership in Class, School, and Society		(E-4.2.4) Approaches to Investigation and Design Based Teaching and Learning				
	Faculty Staff Member	Dr. Hamada			Dr. Dalia	Dr. Maha Mourad		Dr. Ahmed Mahmoud/ Dr. Mohamed Fahiem				
	Teaching Room	Stem 2										
Monday		Field Study		Active Learning		Field Study						
	Code/ Course	(E-4.2.4) Approaches to Investigation and Design Based Teaching and Learning		(D-4.2.2) Neural Net Computing								
	Faculty Staff Member	Dr. Ahmed Mahmoud/ Dr. Mohamed Fahiem		Dr. Hossam Radwan								
	Teaching Room	Stem2										
Tuesday		Field Study				Field Study						
	Code/ Course	(P-4.2.6) Teaching Practicum in STEM Education 3 and STEM Fieldwork 8				Graduation Project						
	Faculty Staff Member	Dr. Hala				The Supervision Committee						
	Teaching Room	STEM School/ STEM 4				Stem 4						
Wednesday		Active Learning		Field Study								
	Code/ Course	(D-4.2.1) Unifying Ideas in Mathematics										
	Faculty Staff Member	Dr. Rasha Farghaly										
	Teaching Room	Stem 2				Lab				Stem 4		
Thursday		Field Study										
	Code/ Course	Graduation Project										
	Faculty Staff Member	The Supervision Committee										
	Teaching Room	Stem 4										

Program Coordinator

Vice-dean for Students' Affairs

Dean of the Faculty of Education

President of the University

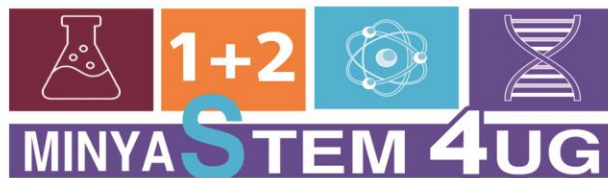
Prof. Dalia Ali Maher Abbass

Prof. Edrees Sultan Saleh

Prof. Sayed Abd El-Azim Muhamed

Prof. Essam Eldin Sadek Farahat





Code	Course	Credit Hours	Active Learning	Field Study/ Inquiry Laboratory	Total
D-4.2.1	Mathematics 1 ELECTIVE Choose one of the following: a) Unifying Ideas in Mathematics b) Mathematics for Citizens c) History, Sociology, and Philosophy of Science (Transdisciplinary)	4	2	4	6
D-4.2.2	MATHEMATICS ELECTIVE: ADVANCED CHEMICAL RESEARCH in SOLVING REAL WORLD PROBLEMS Choose one of the following: a) Number Theory and Unbreakable Codes b) Graph Theory and Route Optimization c) Neural Net Computing and Pattern Recognition	4	2	4	6
M-4.2.3	Workshop in Data Analysis and Communication	2	1	2	3
E-4.2.4	Approaches to Investigation and Design – Based Teaching and Learning	2	1	2	3
E-4.2.5	Educational Leadership in Class, School, and Society	2	2	0	2
P-4.2.6	Teaching Practicum in STEM Education 4 and STEM Fieldwork 8	2	1	4	5
L-4.2.7	English for STEM 8	1	1	0	1
CG-4.2.8	Capstone 8	3	0	12	12
Total		20			38

Program Coordinator

Prof. Dalia Ali Maher Abbass

Vice-dean for Students' Affairs

Prof. Edrees Sultan Saleh

Dean of the Faculty of Education

Prof. Sayed Abd El-Azim Muhamed

President of the University

Prof. Essam Eldin Sadek Farahat