

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

Third Year- Third 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
Monday		Active Learning		Field Study				Active Learning	Active Learning		
	Code/ Course	(D-3.2.2) Thermal Energy in the Earth System						(L-3.2.7) English for STEM 6	(D-3.2.1) Games as Learning Tools		
	Faculty Staff Member	Dr. Shehata						Dr. Ahmad	Dr. Mohamed Abd Al-Rahman		
	Teaching Room	Lab				Seminar Room					
Tuesday		Field Study			Active Learning		Active Learning	Active Learning	Field Study		
	Code/ Course	(M-3.2.4) Data Analysis and Visualization for Teaching and Learning			(C-3.2.8) Capstone 6		(M-3.2.4) Data Analysis and Visualization for Teaching and Learning	(E-3.2.5) Teaching Design Thinking: Capstone Projects & Solving the Grand Challenges			
	Faculty Staff Member	Dr. Eman Omar			Dr. Ahmed Abd Al-Moneim		Dr. Eman Omar	Dr. Roushdy			
	Teaching Room	Stem 2									
Wednesday		Field Study				Field Study					
	Code/ Course	(P-3.2.6) Learning Assistantship 4 and STEM Fieldwork 6				(D-3.2.3) Chemistry of Models and Data: Helping to Reduce Pollution in Air, Water					
	Faculty Staff Member	Dr. Hesham Moustafa				Dr. Lamiaa Amer					
	Teaching Room	Stem 4									
Thursday		Active Learning		Field Study		Field Study					
	Code/ Course	(D-3.2.3) Chemistry of Models and Data: Helping to Reduce Pollution in Air, Water				(D-3.2.1) Games as Learning Tools					
	Faculty Staff Member	Dr. Lamiaa Amer				Dr. Mohamed Abd Al-Rahman					
	Teaching Room	Stem 1									

Program Coordinator

Prof. Dalia Ali Maher Abbass

Vice-dean for Students' Affairs

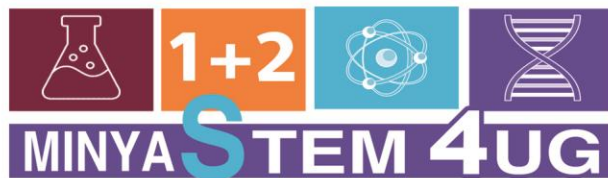
Prof. Edrees Sultan Saleh

Dean of the Faculty of Education

Prof. Sayed Abd El-Azim Muhamed

President of the University

Prof. Essam Eldin Sadek Farahat



Code	Course	Credit Hours	Active Learning	Field Study/ Inquiry Laboratory	Total
D-3.2.1	CHEMISTRY ELECTIVE: a) Chemistry of Polymers and Plastics or one from the following set of Trans-Disciplinary courses: -History, Sociology, and Philosophy of Science - Games as Learning Tools – Problem Solving with Maps Chaos & Fractals: Interdisciplinary STEM Teaching	4	2	4	6
D-3.2.2	Mathematics: Extending Calculus for STEM Applications 1 Application of Basic Genetics in Public Health Physics in Health Sciences Thermal Energy in the Earth System	4	2	4	6
D-3.2.3	Chemistry of Models and Data: Helping to Reduce Pollution in Air, Water, and Soil	4	2	4	6
M-3.2.4	Data Analysis and Visualization for Teaching and Learning	2	1	2	3
E-3.2.5	Teaching Design Thinking: Capstone Projects & Solving the Grand Challenges	2	1	2	3
P-3.2.6	Learning Assistantship 4 and STEM Fieldwork 6	1	0	4	4
L-3.2.7	English for STEM 6	1	1	0	1
C-3.2.8	Capstone 6	2	1	2	3
Total		20			32

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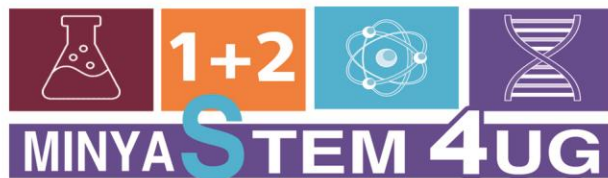
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President of the University

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

Third Year- third 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
Monday		Active Learning		Field Study				Active Learning	Active Learning		
	Code/ Course	(D-3.2.2) Thermal Energy in the Earth System						(L-3.2.7) English for STEM 6	(D-3.2.1) Games as Learning Tools		
	Faculty Staff Member	Dr. Shehata						Dr. Ahmad	Dr.Mohamed Abd Al-Rahman		
	Teaching Room	Lab				Seminar Room					
Tuesday		Field Study		Active Learning		Active Learning	Active Learning	Field Study			
	Code/ Course	(M-3.2.4) Data Analysis and Visualization for Teaching and Learning		(C-3.2.8) Capstone 6		(M-3.2.4) Data Analysis and Visualization for Teaching and Learning	(E-3.2.5) Teaching Design Thinking: Capstone Projects & Solving the Grand Challenges				
	Faculty Staff Member	Dr. Eman Omar		Dr. Ahmed Abd Al-Moneim		Dr. Eman Omar	Dr. Roushdy Kamel				
	Teaching Room	Stem 2									
Wednesday		Field Study			Field Study						
	Code/ Course	(P-3.2.6) Learning Assistantship 4 and STEM Fieldwork 6			(D-3.2.3) Modeling for Understanding, Prediction, and Policy Making 2						
	Faculty Staff Member	Dr. Hesham Moustafa			Dr. Ahmed Fouad						
	Teaching Room	Stem 4									
Thursday		Active Learning		Field Study		Field Study					
	Code/ Course	(D-3.2.3) Modeling for Understanding, Prediction, and Policy Making 2				(D-3.2.1) Games as Learning Tools					
	Faculty Staff Member	Dr. Ahmed Fouad				Dr.Mohamed Abd Al-Rahman					
	Teaching Room	Stem 2				Stem 1					

Program Coordinator

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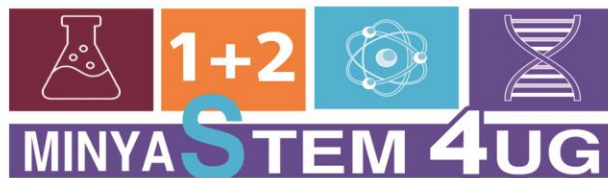
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Code	Course	Credit Hours	Active Learning	Field Study/ Inquiry Laboratory	Total
D-3.2.1	MATHEMATICS ELECTIVE -History, Sociology, and Philosophy of Science - Games as Learning Tools – Problem Solving with Maps Chaos & Fractals: Interdisciplinary STEM Teaching	4	2	4	6
D-3.2.2	Mathematics: Extending Calculus for STEM Applications 1 Application of Basic Genetics in Public Health Physics in Health Sciences Thermal Energy in the Earth System	4	2	4	6
D-3.2.3	Modeling for Understanding, Prediction, and Policy Making 2	4	2	4	6
M-3.2.4	Data Analysis and Visualization for Teaching and Learning	2	1	2	3
E-3.2.5	Teaching Design Thinking: Capstone Projects & Solving the Grand Challenges	2	1	2	3
P-3.2.6	Learning Assistantship 4 and STEM Fieldwork 6	1	0	4	4
L-3.2.7	English for STEM 6	1	1	0	1
C-3.2.8	Capstone 6	2	1	2	3
Total		20			32

Program Coordinator

Vice-dean for Students' Affairs

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