

**UNIVERSITY OF MINES AND TECHNOLOGY, TARKWA**  
**POSTGRADUATE MODULAR PROGRAMME IN GEOLOGICAL ENGINEERING**

**2025 ACADEMIC YEAR**

<b>Module No.</b>	<b>Module Title</b>	<b>Date</b>	<b>Instructor</b>
GL 261	Introductory Geology	27 <sup>th</sup> Jan, 2025 – 7 <sup>th</sup> Feb, 2025	Dr M.L.Y. Ankah
GL 586	Advanced Ore Microscopy	10 <sup>th</sup> Feb,2025 – 21 <sup>st</sup> Feb, 2025	Dr K. Adomako-Ansah
GL 573	Ore Deposit Geology	24 <sup>th</sup> Feb, 2025 – 7 <sup>th</sup> Mar, 2025	Dr G. M. Tetteh
GL 571	Applied Hydrogeology	10 <sup>th</sup> Mar,2025 – 21 <sup>st</sup> Mar, 2025	Prof A. Ewusi
GL 557	Environmental Management*	24 <sup>th</sup> Mar,2025 – 4 <sup>th</sup> Apr, 2025	Mr S. Yenzenya
GL 582	Groundwater Engineering	7 <sup>th</sup> Apr,2025 – 18 <sup>th</sup> Apr, 2025	Prof A. Ewusi
GL 576	Exploration Drilling and Sampling	21 <sup>st</sup> Apr,2025 – 2 <sup>nd</sup> May, 2025	Dr G. M. Tetteh
GL 584	Mineral Exploration Geophysics	5 <sup>th</sup> May, 2025 – 16 <sup>th</sup> May, 2025	Prof A. Ewusi
GL 556	Lab work/Fieldwork & Report*	19 <sup>th</sup> May,2025 – 30 <sup>th</sup> May, 2025	Thesis Supervisors
GL 572	Mine Water Hydrology	2 <sup>nd</sup> Jun,2025 – 13 <sup>th</sup> Jun, 2025	Dr A. Asante-Annor
GL 261	Introductory Geology	14 <sup>th</sup> Jul,2025 – 25 <sup>th</sup> Jul, 2025	Dr M.L.Y. Ankah
GL 555	Statistical Models*	28 <sup>th</sup> Jul,2025 – 8 <sup>th</sup> Aug, 2025	Assoc Prof S. Al-Hassan
GL 554	Mine Economic & Financial Evaluation*	11 <sup>th</sup> Aug,2025 – 22 <sup>nd</sup> Aug, 2025	Dr R. Gyebuni
GL 551	Research Methods*	25 <sup>th</sup> Aug,2025 – 5 <sup>th</sup> Sept, 2025	Prof B. Kumi- Boateng
GL 553	Operations Research*	8 <sup>th</sup> Sept, 2025 – 19 <sup>th</sup> Sept, 2025	Dr C. K. Arthur
GL 561	Computer Applications in Geological Engineering*	22 <sup>nd</sup> Sept,2025 – 3 <sup>rd</sup> Oct, 2025	Dr (Mrs) E.B. Fiadonu/ Dr M.L.Y Ankah
GL 559	Applied Rock Mechanics	6 <sup>th</sup> Oct,2025 – 17 <sup>th</sup> Oct, 2025	Prof M. Affam
GL 552	Mineral Resource Evaluation		Assoc Prof S. Al-Hassan
GL 578	Industrial Minerals	20 <sup>th</sup> Oct,2025 – 31 <sup>st</sup> Oct,2025	Dr (Mrs) E. B. Fiadonu/ Dr K. Adomako-Ansah
GL 579	Applied Artificial Intelligence in Geological Engineering*	3 <sup>rd</sup> Nov,2025 – 14 <sup>th</sup> Nov, 2025	Dr J. Seidu
GL 575	Mineral Exploration Geochemistry	17 <sup>th</sup> Nov,2025 – 28 <sup>th</sup> Nov, 2025	Dr K. Adomako-Ansah/ Dr E. D. Sunkari
GL 577	Water Resources Management		Dr A. Asante-Annor
GL 574	Remote Sensing and GIS*	1 <sup>st</sup> Dec,2025 – 12 <sup>th</sup> Dec, 2025	Prof A. Kwarteng

\* Compulsory Modules

\*\* Elective Modules

- N.B. (i) Participation fee is **GH¢1000.00** per module for registered Students  
Participation fee is **GH¢1,400.00** per module for other participants  
Participation fee is **\$500.00** per module for foreign participants  
(ii) Registration closes one (1) week before the commencement of the module  
(iii) To register, please contact: The Administrator, Department of Geological Engineering,  
University of Mines and Technology, Tarkwa  
Tel: +233 362 20306 Email: [gl@umat.edu.g](mailto:gl@umat.edu.g)