

MODULE SCHEDULE FOR GEOMATIC ENGINEERING (POSTGRADUATE STUDENTS)
2025 ACADEMIC YEAR

FIRST SEMESTER

Module No.	Module Title	Date	Instructor
GM 471	Introduction to Geomatic Engineering*	27 th Jan, 2024 – 7 th Feb, 2025	Prof B. Kumi-Boateng
GM 572	Digital Photogrammetry**	10 th Feb – 21 st Feb, 2025	Assoc Prof P.E Baffoe/ Dr Naa Dedei Tagoe
GM 554	Mine Economic and Financial Evaluation	24 th Feb – 7 th Mar, 2025	Prof Mireku Gyimah/ R. Gyebuni
GM 574	Geodesy**	10 th Mar – 22 nd Mar, 2025	Dr Y. Y. Ziggah
GM 576	Environmental and Spatial Statistics	24 th Mar – 4 th April, 2025	Dr Naa Dedei Tagoe
GM 578	Global Navigation Satellite Systems**		Assoc Prof I. Yakubu
GM 582	GIS Modelling and Decision Support System	7 th April– 18 th April, 2025	Assoc Prof M. S. Aduah
GM 586	Geographic Information Management	21 st April – 2 nd May, 2025	Assoc Prof Mrs. C. B. Boye
GM 592	Engineering Surveying**	5 th May – 16 th May, 2025	Assoc Prof Mrs. C. B. Boye
GM 584	Principles of Mine Planning and Design		Assoc Prof S. Al-Hassan
GM 571	Geographical Information Systems**	19 th May – 30 th May, 2025	Assoc Prof M. S. Aduah
GM 556	Labwork/Fieldwork and Report **	2 nd June – 13 th June, 2025	Assoc Prof S. Mantey/ G. Vunase
GM 577	Land Administration and Information Systems		Assoc Prof P.E Baffoe

* Prerequisite Course

** Core/Mandatory Courses

SECOND SEMESTER

GM 471	Introduction to Geomatic Engineering*	14th July – 25th July, 2025	Prof B. Kumi-Boateng
GM 585	Geo-information for Disaster Risk Management		Assoc Prof I. Yakubu
GM 555	Statistical Models**	28th July – 8th August, 2025	Assoc Prof S. Al-Hassan
GM 473	Computer Applications in Geomatic Engineering**	11th August – 22nd August, 2025	Assoc Prof M. S Aduah
GM 573	Remote Sensing**	25th August – 5th September, 2025	Assoc Prof S. Mantey
GM 551	Research Methods **	8th September – 19th September, 2025	Prof B. Kumi-Boateng
GM 579	Shoreline Change Modelling and Prediction	22nd September – 3rd October, 2025	Assoc Prof Mrs. C. B. Boye
GM 581	Artificial Intelligence Applications in Geomatic Engineering		Dr Y. Y. Ziggah
GM 583	Geographic Data for Resource Management	6th October – 17th October, 2025	Prof B. Kumi-Boateng
GM 588	Mine and Subsurface Surveying	20th October – 31st October, 2025	Assoc Prof P. E Baffoe
GM 587	Advanced Least Squares Adjustment		Dr Y.Y. Ziggah
GM 589	Coastal Planning	3rd November – 14th November, 2025	Assoc Prof Mrs. C. B. Boye
GM 594	Applications of GIS and Remote Sensing		Assoc Prof M. S. Aduah
GM 598	Drone Technology and Applications	17th November – 28th November, 2025	Assoc Prof S. Mantey
GM 575	Fleet Management	1st December – 12th December, 2025	Assoc Prof I. Yakubu

* Prerequisite Course

** Core/Mandatory Courses