

Module Code	Module Name	Prerequisite /Co -requisite (if any)	CREDITS	Ownership of Module
YEAR 4 SEMESTER 1				
MIQ4001	Equipment Selection		3	FOBE
MIQ4002	Statutory Requirement for Mining and Quarrying		3	FOBE
MIQ4003	Reserves Evaluation (Quantity and Quality)		3	FOBE
MIQ4004	Community Relations, PR and Corp Social Responsibility		2	FOBE
TOTAL NUMBER OF CREDITS			11	
YEAR 4 SEMESTER 2				
MIQ4005	Mines Closure, Land Restoration Rehabilitation		3	FOBE
MIQ4006	Research Project		3	FOBE
MIQ4007	Environmental Impact of Mining and Quarry		3	FOBE
UNE????	University Elective*		3	
TOTAL NUMBER OF CREDITS			12	

F.Y.I.

- Please speak with your Programme Director/Academic Advisor about whether there are module changes.
- Remember, your Academic Advisor is here to assist you in making your academic decisions.
- Modules highlighted in yellow are core modules and these should be selected first, before selecting other modules.
- You are required to select one (1) University Elective **AND** one (1) Faculty Elective.
- Modules with an asterisk (*) **may** be offered in more than one semester. Kindly check with the respective Faculty that delivers the module to confirm module availability.
- For further information, contact Miss Pheone Garrick at: pheone.garrick@utech.edu.jm or Miss Mareka Sutherland at: msutherland@utech.edu.jm



UNIVERSITY OF TECHNOLOGY, JAMAICA

Module Selection Guide School of Building and Land Management



Bachelor of Science in Mines and Quarry Management (B.Sc. MQM)

A/Y 2024-2025

Student's Name:

Student's ID #:

Start Date:

Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Ownership of Module
YEAR 1 SEMESTER 1				
MIQ1001	Introduction to Geology		3	FOBE
COT1019	Introduction to Construction Technology*		3	FOBE
COE1010	Introduction to Material Science*		2	FOBE
URP1006	Introduction to Law for the Built Environment*		3	FOBE
COT1012	Materials Laboratory 1		2	FOBE
MAT1044	College Mathematics 1A*		4	FOSS
CSP1001	Community Service Programme *		1	FELS
TOTAL NUMBER OF CREDITS			18	
YEAR 1 SEMESTER 2				
URP1001	Introduction to Physical Environment Planning*		3	FOBE
SGI1014	Introduction to Land Surveying*		3	FOBE
COE1009	Workshop		1	FOBE
COE1005/ COE3030 (Equivalent)	Introduction to Computer Aided Design	Drawing	3	FOBE
MAN1001	Principles of Management		3	COBAM
INT1001	Information Technology*		3	FENC
COM1024	Academic Literacy for Undergraduates (Replaced Academic Writing 1* COM1020)	Passing the UTech, Ja English Language Proficiency Test or Qualifying for Exemption from the Test	3	FELS
TOTAL NUMBER OF CREDITS			19	
YEAR 2 SEMESTER 1				
MIQ2002	Electrics, Electronics and Mechanics		3	FOBE
MIQ2003	Blasting Specifications and Design		3	FOBE
MIQ2004	Industrial Minerals and Economics Geology		3	FOBE
MAN1006	Introduction to Management		3	COBAM
COM2016	Critical Thinking, Reading and Writing* (Replaced Academic Writing II COM2014)	COM1020 (P) or COM1024 (P)	3	FELS
SCT2001	Science and Technology *		2	FELS
TOTAL NUMBER OF CREDITS			17	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Ownership of Module
YEAR 2 SEMESTER 2				
MIQ2005/ QUS4006 (Equivalent)	Project Management and Accounting		3	FOBE
MIQ2006	Blasting Economics		3	FOBE
MIQ2007	Pumps, Motors and Instrumentation		3	FOBE
MIQ2008	Welding and Metal Fabrication		3	FOBE
MIQ2009	Surface Mine and Quarry Design		3	FOBE
COT2011	Materials Laboratory II	COT1012 (P)	2	FOBE
TOTAL NUMBER OF CREDITS			17	
YEAR 3 SEMESTER 1				
	Faculty Elective *		3	FOBE
MIQ3001	Internship		3	FOBE
MIQ3003	Understanding Fluvial Systems		3	FOBE
MIQ3004	Materials Supply Chain and Logistics		3	FOBE
MIQ3005/ OHS3001 (Equivalent)	Occupational Safety and Health		3	FOBE
RES3001	Research Methodologies*		3	FOSS
TOTAL NUMBER OF CREDITS			18	
YEAR 3 SEMESTER 2				
	Faculty Elective*			FOBE
MIQ3006	Mineral Processing and Beneficiation		3	FOBE
MIQ3009	Geodata (GIS, Rs, GPS)		3	FOBE
HUM3003	Understanding Ethics		3	
ENT3001	Entrepreneurship		3	
TOTAL NUMBER OF CREDITS			12	