

Module Code	Module Name	Prerequisite /Co -requisite (if any)	CREDITS	Ownership of Module
YEAR 4 SEMESTER 1				
SGI4004	Land and Geographic Information Systems II	SGI3011	3	FOBE
SGI4002	Satellite Remote Sensing		2	FOBE
SGI4003	Global Navigation Satellite System Surveying II	SGI3008	2	FOBE
MAN4007/ SGI4024	Business and Project Management for Land Surveying/ Project Management for Geomatics		2	FOBE
URP4009/ URP4015/ URP4016	School Elective		3	FOBE
TOTAL NUMBER OF CREDITS			12	
YEAR 4 SEMESTER 2				
PRJ4004	Research Project/Special Paper	RES3001 Must be a final year student	3	FOBE
SGI4005	Cadastral Surveying	SGI1003 & LAW3007	5	FOBE
SGI4017	Professional Practice- The Surveyor and Society –(Practical / Internship)	Must have completed level 3	1	FOBE
SGI4019	Professional Practice- The Surveyor and Society (Theory)	Must be a final year student	2	FOBE
TOTAL NUMBER OF CREDITS			11	

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- * These modules maybe offered in Semester 1, Semester 2 & Summer Session
- Please speak with your Programme Director/Academic Advisor about whether there are module changes before completing enrolment.
- 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 before selecting other modules.



University of Technology, Jamaica

Module Selection Guide School of Building and Land Management



Bachelor of Science in Land Surveying and Geographic and Information Sciences

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)	C R E D I T S	Own ership of Modul e
YEAR 1 SEMESTER 1				
COM1024	Academic Literacy for Undergraduates *	PASS in UTech, Ja English Proficiency Test or qualifying for exemption from the test	3	FELS
MAT1047	College Mathematics 1B *		4	
PHS1009	Physics		4	
SGI1001	Plane Surveying I		4	FOBE
SGI1002	Elementary Cartography		3	
INT1001	Information Technology *		3	FENC
TOTAL NUMBER OF CREDITS			21	
YEAR 1 SEMESTER 2				
COT1019	Intro. to Construction Technology		3	FOBE
MAT2003	Calculus I *	MAT1047	3	
SGI1010	Introduction to CAD for Land Surveyors	INT1001	2	
SGI1003	Plane Surveying II	SGI1001	4	
SGI1004	Environmental Geography		3	
CSP1001	Community Service Project *		1	FELS
SGI1005	Surveying Practicum I	SGI1001 & SGI1003	3	FOBE
TOTAL NUMBER OF CREDITS			19	
YEAR 2 SEMESTER 1				
COM2016	Critical Thinking, Reading and Writing *	COM1024	3	FELS
SGI2001	Computer Applications in Surveying I		2	FOBE
SGI2002	Geodetic Surveying	MAT1047 & SGI1003	3	FOBE
SGI2003	Surveying Adjustments (must at least taking STA2020)	MAT2003, SGI1003 & STA2020	2	FOBE
STAT2020	Introductory Statistics *		3	FOSS
MAT2048	Mathematics for Geomatics	MAT2003	4	
LAW2003	Land Law 1		2	FOBE
SGI2006	Surveying Practicum II	SGI2002,SGI2003	2	FOBE
TOTAL NUMBER OF CREDITS			21	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	C R E D I T S	Own ership of Modul e
YEAR 2 SEMESTER 2				
SGI2004	Digital Cartography	SGI1002	3	FOBE
SGI2007	Computer Applications in Surveying II	SGI1010	2	FOBE
SGI2008	Electronic Surveying Instrumentation	PHS1009	3	FOBE
SGI2009	Photogrammetry I		3	FOBE
LAW3007	Land Law for Geomatics	LAW2003	3	
SGI2010	Engineering Surveying I	SGI1003 & MAT1047	3	FOBE
TOTAL NUMBER OF CREDITS			17	
YEAR 3 SEMESTER 1				
ENT3001	Entrepreneurship		3	
SGI3017	Spatial Development Planning		3	FOBE
SGI3006	Land Administration and Registration	LAW3007	3	FOBE
SGI3004	Photogrammetry II	SGI2009	3	FOBE
SGI3005	Geodesy	SGI2002	3	FOBE
	University Elective		3	
TOTAL NUMBER OF CREDITS			18	
YEAR 3 SEMESTER 2				
SGI3001	Introduction to Land Economic and Valuation Surveying		2	FOBE
SGI3007	Topographic and Advanced Engineering Surveying	SGI2010	3	FOBE
SGI3008	Global Navigation Satellite System Surveying I		3	FOBE
SGI3009	Hydrographic Surveying		2	FOBE
SGI3011	Land and Geographic Information Systems I		3	FOBE
RES3001	Research Methodologies	Must at least be a level 3 student	3	FOSS
SGI3010	Surveying Practicum III	SGI3004, SGI3007 SGI3008 SGI3009	3	FOBE
TOTAL NUMBER OF CREDITS			19	

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