

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 (T)	3	FOBE
SGI4002	Satellite Remote Sensing		2	FOBE
SGI4003	Global Navigation Satellite System Surveying II	SGI3008 (T)	2	FOBE
MAN4007	Business and Project Management for Land Surveying		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 (T)	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 may be 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.
- (P) indicates the module should be passed to satisfy the prerequisite. (T) indicates the module should at least be taken to satisfy the prerequisite.
- 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 2023-2024

Student's Name:

Student's Id #:

Start Date:

Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CR EDITS	Ownership of Module
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 (T)	3	
SGI1010	Introduction to CAD for Land Surveyors	INT1001 (T)	2	
SGI1003	Plane Surveying II	SGI1001 (T)	4	
SGI1004	Environmental Geography		3	
CSP1001	Community Service Project *		1	FELS
SGI1005	Surveying Practicum I	SGI1001 & SGI1003 (T)	3	FOBE
TOTAL NUMBER OF CREDITS			19	
YEAR 2 SEMESTER 1				
COM2016	Critical Thinking, Reading and Writing *	COM1024 (T)	3	FELS
SGI2001	Computer Applications in Surveying I		2	FOBE
SGI2002	Geodetic Surveying	MAT1047 & SGI1003 (T)	3	FOBE
SGI2003	Surveying Adjustments (must at least taking STA2020)	MAT2003, SGI1003 & STA2020 (T)	2	FOBE
STAT2020	Introductory Statistics *		3	FOSS
MAT2048	Mathematics for Geomatics	MAT2003 (P)	4	
LAW2003	Land Law 1		2	FOBE
SGI2006	Surveying Practicum II	SGI2002,SGI2003 (T)	2	FOBE

TOTAL NUMBER OF CREDITS			21	
YEAR 2 SEMESTER 2				
SGI2004	Digital Cartography	SGI1002 (T)	3	FOBE
SGI2007	Computer Applications in Surveying II	SGI1010 (T)	2	FOBE
SGI2008	Electronic Surveying Instrumentation	PHS1009 (T)	3	FOBE
SGI2009	Photogrammetry I		3	FOBE
LAW3007	Land Law for Geomatics	LAW2003 (T)	3	
SGI2010	Engineering Surveying I	SGI1003 & MAT1047 (T)	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 (T)	3	FOBE
SGI3005	Geodesy	SGI2002 (T)	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 (T)	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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