

Faculty/School	Faculty of Built Environment and Surveying
Program Name	Master of Science (Geomatic Engineering)
Program Code	MGHU
Mode of Program	Taught Course
Academic Session/ Semester	2022/2023-1
Total Credit for Graduate	45 credits

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	Course Name	Credit
UXXX6XX3	Please refer the class schedule at https://sps.utm.my/resource-current-student/	3

Core Courses (Compulsory)		
Course Code	Course Name	Credit
MGHU1063	Research Methodology in Built Environment and Surveying	3
MGHU1024/	Geomatics Data Analysis	4
MGHU1054	Geographical Information System	4
MGHU1014	Satellite Surveying	4
MGHU1034	UAV Mapping	4
MGHU1043	Geomatics Project Management	3

Elective Courses (Choose 3 only)		
Course Code	Course Name	Credit
MGHU1544	Underground Utility Surveying	4
MGHU1524	Advanced Engineering Surveying	4
MGHU1554	Geophysics for Utility Surveying	4
MGHU1514	Land Management	4
MGHU1534	Hydrographic Surveying Application	4
MGHU1564	Utility Mapping Standard & Practice	4

Project (Compulsory)		
Course Code	Course Name	Credit
MGHU1378	Master Project	8

PROGRAM STRUCTURE (SEMESTER 1, SESSION 2022/2023)

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	Please refer the class schedule at https://sps.utm.my/resource-current-student/				
Core Faculty Courses					
Core Courses	MGHU1013	Sem 1, 2022/2023	1	Refer time table	Prof. Dr. Anuar bin Ahmad (anuarahmad@utm.my) Dr. Mohammad Hanif bin Hamden (mohammad.hanif@utm.my)
	MGHU1024	Sem 1, 2022/2023	1		Dr. Khairulnizam bin M. Idris (khairulnizami@utm.my) Dr. Wan Anom Wan Aris (wananom@utm.my)
	MGHU1054	Sem 1, 2022/2023	1		Assoc. Prof. Dr. Abdullah Hisam Omar (abdullahhisam@utm.my)
Elective Courses	MGHU1544	Sem 1, 2022/2023	1		Assoc. Prof. Dr. Zulkarnaini Mat Amin (zulkarnaini@utm.my) Dr. Nurul Izzati Abd Karim (nizzati.ak@utm.my)
Project					