

Faculty/School	Faculty of Built Environment and Surveying
Program Name	Master of Science (Geomatics Engineering)
Program Code	MGHUA1AJA
Mode of Program	Taught Course
Academic Session/ Semester	2021/2022-1
Total Credit for Graduate	45 credit

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 Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
MGHU1063	Research Methodology	3

Core Courses (Compulsory)		
Course Code	Course Name	Credit
MGHU1014	Geomatics Positioning	3
MGHU1024	Geomatics Data Analysis	4
MGHU1034	Advanced Mapping	4
MGHU1043	Geomatics Project Management	3
MGHU1054	Geographical Information System	4

Elective Courses (Choose One (1) Specialization Group Only)		
Course Code	Course Name	Credit
Specialization A : SURVEY & MAPPING		
MGHU1514	Cadastral Studies	4
MGHU1524	Advanced Engineering Survey	4
MGHU1534	Hydrographic Survey Application	4
MGHU1054	Geographical Information System	4
Specialization B : UTILITY MAPPING		
MGHU1544	Underground Utility Surveying	4
MGHU1554	Geophysics for Utility Surveying	4
MGHU1564	Utility Mapping Standard & Practice	4

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

PROGRAM STRUCTURE (SEMESTER 1, SESSION 2021/2022)

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	MGHU1024	Sem 1, 2021/2022	01	Refer time table	Dr. Khairulnizam bin M.Idris khairulnizam@utm.my Dr. Wan Anom binti Wan Aris wananom@utm.my
	MGHU1054	Sem 1, 2021/2022	01		Dr. Abdullah Hisam bin Omar abdullahisham@utm.my
	MGHU1063	Sem 2, 2021/2022	01		Prof. Sr Dr. Anuar Ahmad anuarahmad@utm.my
Elective Courses	MGHU1534	Sem 1, 2021/2022	01		Prof. Dr. Mohd Razali bin Mahmud razalimahmud@utm.my
	MGHU1544	Sem 1, 2021/2022	01		Assoc. Prof. Dr. Zulkarnaini bin Mat Amin zulkarnaini@utm.my Dr. Nurul Izzati binti Abd Karim nizzati.ak@utm.my
Project	MGHU1378	Final Semester	01		Prof. Sr Dr. Anuar Ahmad anuarahmad@utm.my