

Faculty/School	<b>Faculty of Built Environment and Surveying</b>
Program Name	<b>Master of Science (Remote Sensing)</b>
Program Code	<b>MGHSA1AJA</b>
Mode of Program	<b>Taught Course</b>
Academic Session/ Semester	<b>2021/2022-1</b>
Total Credit for Graduate	<b>45 credit</b>

## COURSE MENU

<b>University General Courses (Choose 1 ONLY)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
UXXX6XXX	Please refer the list course offered and class schedule at <a href="https://sps.utm.my/resource-current-student/">https://sps.utm.my/resource-current-student/</a>	3

<b>Core Faculty Courses (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
MGHS1083	RESEARCH METHODS IN RS & GIS	3

<b>CORE COURSES (COMPULSORY)</b>		
<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>CREDIT</b>
MGHS1014	REMOTE SENSING TECHNOLOGY	4
MGHS1024	DIGITAL IMAGE PROCESSING & IMAGE ANALYSIS	4
MGHS1054	GEOGRAPHICAL INFORMATION SYSTEM AND SPATIAL ANALYSIS	4
MGHS1063	GPS SURVEYING	3
MGHS1074	MICROWAVE REMOTE SENSING	4

<b>ELECTIVE COURSES (Choose 3 ONLY)</b>		
<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>CREDIT</b>
MGHS1034	ATMOSPHERIC PHYSICS	4
MGHS1104	APPLICATION OF REMOTE SENSING TECHNOLOGY	4
MGHS1534	SATELLITE SYSTEM & EARTH STATION	4
MGHS1544	REMOTE SENSING PROJECT MANAGEMENT	4
MGHS1594	ADVANCE DIGITAL IMAGE PROCESSING	4

<b>PROJECT (COMPULSORY)</b>		
<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>CREDIT</b>
MGHS1988	MASTER PROJECT	8

**PROGRAM STRUCTURE (SEMESTER 1, SESSION 2022/2022)**

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
<b>University General Courses</b>	Please refer the class schedule at <a href="https://sps.utm.my/resource-current-student/">https://sps.utm.my/resource-current-student/</a>				
<b>Core Faculty Courses</b>	MGHS1083	Sem 1, 2021/2022	01	- Refer Time Table	Prof. Dr Kasturi Devi a/p Kanniah <a href="mailto:kasturi@utm.my">kasturi@utm.my</a> Dr. Abd Wahid bin Rasib <a href="mailto:abdwahid@utm.my">abdwahid@utm.my</a>
<b>Core Courses</b>	MGHS1014	Sem 1, 2021/2022	01		Mr. Wan Hazli bin Wan Kadir <a href="mailto:wanhazli@utm.my">wanhazli@utm.my</a>
	MGHS1024	Sem 1, 2021/2022	01		Dr. Alvin Lau Meng Shing <a href="mailto:alvinlau@utm.my">alvinlau@utm.my</a>
	MGHS1054	Sem 1, 2021/2022	01		
<b>Elective Courses</b>	MGHS1594	Sem 1, 2021/2022	01		Assoc. Prof. Dr. Muhammad Zulkarnain bin Abd Rahman <a href="mailto:mdzulkarnain@utm.my">mdzulkarnain@utm.my</a> Dr. Mohd. Rizaludin bin Mahmud <a href="mailto:rizaludin@utm.my">rizaludin@utm.my</a>
<b>Project</b>					