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|-------------------------------|---|
| Faculty/School                | <b>Faculty of Built Environment and Surveying</b> |
| Program Name                  | <b>Master of Science (Geoinformatics)</b>         |
| Program Code                  | <b>MGHGA1AJA</b>                                  |
| Mode of Program               | <b>Taught Course</b>                              |
| Academic Session/<br>Semester | <b>20202021/2</b>                                 |

## COURSE MENU

| <b>University General Courses (Choose 1 ONLY)</b> |  |               |
|---|--|---------------|
| <b>Course Code</b>                                | <b>Course Name</b>   | <b>Credit</b> |
| UHSM6013  | Seminar on Global Development, Economic & Social Issues              | 3             |
| UHMZ6123  | Malaysian Society & Culture <i>(for International Students Only)</i> | 3             |
| UICW6023  | Seminar on Science Philosophy and Social Development                 | 3             |

| <b>Core Faculty Courses (Compulsory)</b> |                      |               |
|--|----------------------|---------------|
| <b>Course Code</b>                       | <b>Course Name</b>   | <b>Credit</b> |
| MGHG1223                                 | Research Methodology | 3             |

| <b>Core Courses (Compulsory)</b> |                              |               |
|----------------------------------|------------------------------|---------------|
| <b>Course Code</b>               | <b>Course Name</b>           | <b>Credit</b> |
| MGHG1114                         | PRINCIPLES OF GIS            | 4             |
| MGHG1124                         | GEOSPATIAL DATABASE          | 4             |
| MGHG1134                         | SPATIAL ANALYSIS & MODELLING | 4             |
| MGHG1234                         | GEOSPATIAL DATA MANAGEMENT   | 4             |
| MGHG1243                         | PROGRAMMING FOR GIS          | 3             |

| <b>Elective Courses</b> |  |               |
|-------------------------|--|---------------|
| <b>Course Code</b>      | <b>Course Name</b>                         | <b>Credit</b> |
| MGHG1514                | GEOSPATIAL DATA ACQUISITION AND PROCESSING | 4             |
| MGHG1524                | GIS PROJECT MANAGEMENT                     | 4             |
| MGHG1534                | GIS APPLICATION                            | 4             |
| MGHG1544                | GIS APPLICATION DEVELOPMENT                | 4             |
| MGHG1554                | GIS IMPLEMENTATION                         | 4             |
| MGHG1564                | GIS & PUBLIC POLICY                        | 4             |
| MGHG1574                | CARTOGRAPHY AND VISUALISATION              | 4             |

| <b>Project (Compulsory)</b> |                    |               |
|-----------------------------|--------------------|---------------|
| <b>Course Code</b>          | <b>Course Name</b> | <b>Credit</b> |
| MGHG2218                    | Master Project     | 8             |

**PROGRAM STRUCTURE (SEMESTER 2, SESSION 2020/2021)**

| <b>SYLLABUS</b>                   | <b>COURSE CODE</b>   | <b>SEMESTER</b>     | <b>SECTION</b> | <b>DAY &amp; TIME</b> | <b>LECTURER'S NAME &amp; CONTACT NO :<br/>(Email &amp; HP no.)</b> |
|-----------------------------------|--|---------------------|----------------|-----------------------|--|
| <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>       | MGHG1223   | Sem 2,<br>2020/2021 | 01             | Monday<br>2PM-6PM     |  |
| <b>Core Courses</b>               | MGHG1134   | Sem 2,<br>2020/2021 | 01             | Sunday<br>2PM-6PM     |  |
|                                   | MGHG1243   | Sem 2,<br>2020/2021 | 01             | Thursday<br>2PM-6PM   |  |
|                                   | MGHG1234   | Sem 2,<br>2020/2021 | 01             | Wednesday<br>2PM-6PM  |  |
| <b>Elective Courses</b>           | MGHG1574   | Sem 2,<br>2020/2021 | 01             | Tuesday<br>2PM-6PM    |  |
|                                   |  | Sem 2,<br>2020/2021 | 01             |                       |  |
| <b>Project</b>                    | MGHG2218   | Final Semester      | 01             |                       |  |