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|-------------------------------|------------------------------------------------------------------|
| Faculty/School                | <b>Faculty of Engineering/<br/>School of Chemical and Energy</b> |
| Program Name                  | <b>Master of Science (Polymer Technology)</b>                    |
| Program Code                  | <b>MKKA</b>                                                      |
| Mode of Program               | <b>Mixed mode</b>                                                |
| Academic Session/<br>Semester | <b>2020/2021-2</b>                                               |

## COURSE MENU

| <b>University General Courses (Choose 1 ONLY)</b> |                                                                  |               |
|---------------------------------------------------|------------------------------------------------------------------|---------------|
| <b>Course Code</b>                                | <b>Course Name</b>                                               | <b>Credit</b> |
| UHAP 6013                                         | Seminar on Global Development, Economic & Social Issues          | 3             |
| UHAZ 6123                                         | Malaysian Society & Culture<br>(for International Students Only) | 3             |
| UBSE 1123                                         | Organization Behaviour and Development                           | 3             |
| MBSA 1533                                         | Business Ethics, Responsibility and Sustainability               | 3             |
| UICW 6023                                         | Philosophy of Science and Civilization<br>(NORMAL MODE)          | 3             |
| UPPF 6023                                         | Dynamics of Leadership                                           | 3             |
| ULAM 6013                                         | Malay Language for Post Graduates                                | 3             |
| URSP 6013                                         | Environmental Ethics                                             | 3             |
| UANP 6013                                         | Informatics in Society                                           | 3             |
| URSP 6023                                         | ICT Ethics and Society                                           | 3             |
| UCSM 1263                                         | IT Project Management                                            | 3             |

| <b>Core Faculty Courses (Compulsory)</b> |                      |               |
|------------------------------------------|----------------------|---------------|
| <b>Course Code</b>                       | <b>Course Name</b>   | <b>Credit</b> |
| UKKP 0010                                | Research Methodology | 0             |

| <b>Core Courses (Compulsory)</b> |                                        |               |
|----------------------------------|----------------------------------------|---------------|
| <b>Course Code</b>               | <b>Course Name</b>                     | <b>Credit</b> |
| MKKR 1123                        | Polymer Synthesis                      | 3             |
| MKKR 1133                        | Polymer Physic and Properties          | 3             |
| MKKR 1113                        | Polymer Characterization               | 3             |
| MKKR 1153                        | Polymer Processing                     | 3             |
| MKKR 1143                        | Polymer Additives, Blends and Rheology | 3             |

| <b>Elective Courses (Choose 1 only)</b> |                             |               |
|-----------------------------------------|-----------------------------|---------------|
| <b>Course Code</b>                      | <b>Course Name</b>          | <b>Credit</b> |
| MKKR 1223                               | Rubber and Latex Technology | 3             |
| MKKR 1243                               | Surface and Foam Technology | 3             |

| <b>Project (Compulsory for final semester)</b> |                    |               |
|------------------------------------------------|--------------------|---------------|
| <b>Course Code</b>                             | <b>Course Name</b> | <b>Credit</b> |
| MKKR **80                                      | Dissertation       |               |

**Programme Coordinator : Dr. Norfhairna Baharulrazi**  
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## PROGRAMME STRUCTURE

### COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2020/2021 SEMESTER 2

| SYLLABUS                                          | COURSE CODE                                                                                                                                       | MODE OF TEACHING | SEMESTER | SECTION | DAY & TIME                      | LECTURER'S NAME & CONTACT NO :<br>(Email & HP no.)                                                                                                                                            |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|---------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| University General Courses                        | <i>Refer SPS website for schedule <a href="https://sps.utm.my/academic-related-resources/">https://sps.utm.my/academic-related-resources/</a></i> |                  |          |         |                                 |                                                                                                                                                                                               |
| Core Faculty Courses                              | UKKP 0010                                                                                                                                         | ONLINE           | 1        | 01      | Monday<br>9.00 am – 12.00 pm    | Assoc. Prof. Dr. Zainul Akmar Zakaria<br><a href="mailto:zainulakmar@utm.my">zainulakmar@utm.my</a><br>012-6270423                                                                            |
| Core Courses                                      | MKKR 1143                                                                                                                                         | ONLINE           | 1        | 01      | Tuesday<br>9.00 am - 12.00 pm   | Prof. Dr. Azman Hassan<br><a href="mailto:r-azman@utm.my">r-azman@utm.my</a><br>013-7831896<br><br>Assoc. Prof. Dr. Agus Arsad<br><a href="mailto:agus@utm.my">agus@utm.my</a><br>019-5590545 |
|                                                   | MKKR 1113                                                                                                                                         | ONLINE           | 1        | 01      | Thursday<br>9.00 am - 12.00 pm  | Assoc. Prof. Dr. Rohah Abd. Majid<br><a href="mailto:r-rohah@utm.my">r-rohah@utm.my</a><br>019-7544059                                                                                        |
| Elective Courses<br><i>(please choose 1 only)</i> | MKKR 1223                                                                                                                                         | ONLINE           | 1        | 01      | Wednesday<br>9.00 am – 12.00 pm | Dr. Norfairna Baharulrazi<br><a href="mailto:norfairna@utm.my">norfairna@utm.my</a><br>013-7548950                                                                                            |
|                                                   | MKKR 1243                                                                                                                                         | ONLINE           | 1        | 01      | Wednesday<br>9.00 am - 12.00 pm | Assoc. Prof. Dr. Rohah Abd. Majid<br><a href="mailto:r-rohah@utm.my">r-rohah@utm.my</a><br>019-7544059                                                                                        |