

## SARJANA KEJURUTERAAN AWAM

SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	JUMLAH KREDIT
Research Methodology  MFA 10103 : Sustainable Construction Management <b>(3 Kredit)</b>  MFA 10203 : Advanced Structure Analysis <b>(3 Kredit)</b>	MFA 10503 : Environmental Management <b>(3 Kredit)</b>  MFA 10303: Advanced Foundation Eng. <b>(3 Kredit)</b>  MFA 10403: Transportation Planning and Engineering <b>(3 Kredit)</b>	MFA 10603 : Water Resources Engineering <b>(3 Kredit)</b>  MFA 10702 : Master's Project I <b>(2 Kredit)</b>  Elective I <b>(3 Kredit)</b>	Elective II <b>(3 Kredit)</b>  Elective III <b>(3 Kredit)</b>	MKA 3012 : Master's Project <b>(12 Kredit)</b>	
<b>6 Kredit</b>	<b>9 Kredit</b>	<b>8 Kredit</b>	<b>6 Kredit</b>	<b>12 Kredit</b>	<b>41</b>

### **KEJURUTERAAN ALAM SEKITAR**

- i. MFE 10103 : *Air Pollution Engineering*
- ii. MFE 10203 : *Water Supply Engineering*
- iii. MFE 10303 : *Wastewater Engineering*
- iv. MFE 10403 : *Solid Waste Management*

### **KEJURUTERAAN GEOTEKNIKAL**

- i. MFG 10103: *Rock Mechanics*
- ii. MFG 10203: *Geoenvironmental Eng.*
- iii. MFG 10303: *Soil Dynamics*
- iv. MFG 10403: *Advanced Geotechnical Eng.*

### **STRUKTUR**

- i. MFS 10103 : *Advanced Structure Design*
- ii. MFS 10203 : *Design of Bridge Structure*
- iii. MFS 10303 : *Design of Precast Concrete Structure*
- iv. MFS 10403 : *Advanced Solid Mechanics*

### **KEJURUTERAAN SUMBER AIR**

- i. MFW 10103: *Groundwater Hydrology*
- ii. MFW 10203: *Statistical Hydrology*
- iii. MFW 10303: *Modeling in Water Resources Management*
- iv. MFW 10403: *Advanced Hydraulics Engineering*

### **KEJURUTERAAN PENGANGKUTAN DAN LEBUHRAYA**

- i. MFH 10103: *Advanced Traffic Eng. and Safety*
- ii. MFH 10203: *Advanced Pavement Materials*
- iii. MFH 10303: *Application of GPS, GIS and RS to Civil Engineering*
- iv. MFH 10403: *Pavement Analysis and Design*