

# BUKU PANDUAN PROGRAM PENGAJIAN PRASISWAZAH

*UNDERGRADUATE STUDY  
PROGRAMME HANDBOOK*

FAKULTI  
EKOLOGI MANUSIA  
*FACULTY OF HUMAN ECOLOGY*



**SESI AKADEMIK**  
**ACADEMIC SESSION**  
**— 2017/2018**

## **FAKULTI EKOLOGI MANUSIA**

### **Maklumat Am**

Fakulti Ekologi Manusia (FEM) ditubuhkan dengan rasminya pada 1 April 1992 melalui percantuman Jabatan Pengajian Pembangunan Manusia, Fakulti Pertanian dengan Jabatan Sains Kemasyarakatan, Fakulti Pengajian Pendidikan. Empat jabatan telah diwujudkan iaitu Jabatan Pemakanan dan Kesihatan Komuniti, Jabatan Pengajian Pembangunan Keluarga, Jabatan Pengajian Pembangunan Sosial dan Jabatan Pengurusan Sumber dan Pengajian Pengguna.

Sebagaimana namanya, Fakulti Ekologi Manusia memberi fokus kepada manusia yang menjadi tunggak kepada kemajuan dan pembangunan sesebuah negara. Sebagai sebuah fakulti berasaskan sains sosial, aktiviti pengajaran dan pembelajaran, penyelidikan dan khidmat profesional adalah bermatlamatkan kepada peningkatan kesejahteraan individu, keluarga, dan komuniti.

Bagi menyahut cabaran universiti penyelidikan, FEM bergiat meningkatkan aktiviti penyelidikan dan penerbitan. Walaupun Kementerian Sains, Teknologi dan Inovasi (MOSTI) adalah penyumbang utama dana penyelidikan, sumber dana lain seperti kerajaan negeri, badan bukan kerajaan (NGO) dan sebagainya tidak kurang pentingnya. Dapatan penyelidikan dikongsi dan disebarikan melalui pembentangan dalam seminar, persidangan, bengkel dan yang paling utama adalah melalui penerbitan jurnal, buku, dan sebagainya.

Kini FEM mempunyai lima jabatan iaitu Jabatan Pembangunan Manusia dan Pengajian Keluarga, Jabatan Sains Kemasyarakatan dan Pembangunan, Jabatan Pengurusan Sumber dan Pengajian Pengguna, Jabatan Muzik dan Jabatan Pengajian Kenegaraan dan Ketamadunan. Fakulti juga mempunyai dua Pusat Penyelidikan iaitu Pusat Penyelidikan Penggunaan Lestari (SCoRE) dan Pusat Penyelidikan Keluarga, Remaja dan Kanak-kanak (FACE).

### ***General Information***

The Faculty of Human Ecology (FHE) was officially established on 1st April 1992 through the merger of the Department of Human Development Studies from the Faculty of Agriculture with the Department of Social Sciences from the Faculty of Educational Studies. Four departments were then established, namely, the Department of Community Nutrition and Health, Department of Family Development Studies, Department of Social Development Studies and the Department of Resource Management and Consumer Studies.

As its name implies, the Faculty of Human Ecology focuses on human beings as the pillars of progress and development of a country. As a social science based faculty, its teaching and learning and research and professional services activities are aimed at enhancing the well-being of individuals, families and communities.

In response to the challenge of being part of a research university, FHE actively promotes research and publication activities. Although the Ministry of Science, Technology and Innovation (MOSTI) is its main source of research funds, other funding sources such as state governments, non-governmental organization (NGOs) and others are no less important. Research findings are shared and disseminated through presentations at seminars, conferences, workshops and, most importantly, through the publication of journals, books, etc.

Currently, FHE has five departments, i.e. the Department of Human Development and Family Studies, Department of Social and Developmental Sciences, Department of Resource Management and Consumer Studies, Department of Music and the Department of Nationhood and Civilization. Faculty has two research centers namely Sustainable Consumption Research Centre (SCoRE) and Family, Adolescent and Child Research Center (FACE).

## **Pengurusan Fakulti/ *Faculty Management***

### **Dekan/ *Dean***

Profesor Dr. Laily Hj. Paim

### **Timbalan Dekan (Akademik, Antarabangsa, Hal Ehwal Pelajar dan Alumni)**

#### ***Deputy Dean (Academic, International, Student Affairs and Alumni)***

Dr. Husniyah Abd. Rahim @ Abd. Wahab

### **Timbalan Dekan (Penyelidikan & Inovasi)**

#### ***Deputy Dean (Research & Innovation)***

Prof. Madya Dr. Haslinda Abdullah

### **Timbalan Dekan (Pengajian Siswazah dan Jaringan Industri & Masyarakat)**

#### ***Deputy Dean Office (Postgraduate Studies, Industry & Community Relations)***

Profesor Dr. Ahmad Hariza Hashim

### **Ketua Jabatan Pembangunan Manusia & Pengajian Keluarga**

#### ***Head of Human Development & Family Studies Department***

Dr. Zainal Madon

### **Ketua Jabatan Pengajian Kenegaraan & Ketamadunan**

#### ***Head of Government & Civilization Studies Department***

Prof. Madya Dr. Nobaya Ahmad

### **Ketua Jabatan Sains Kemasyarakatan & Pembangunan**

#### ***Head of Social & Development Science Department***

Dr. Amna Md. Noor

### **Ketua Jabatan Pengurusan Sumber & Pengajian Pengguna**

#### ***Head of Resource Management & Consumer Studies Department***

Prof. Madya Dr. Mohamad Fazli Sabri

### **Ketua Jabatan Muzik**

#### ***Head of Music Department***

Dr. Ahmad Faudzi Musib

### **Ketua Pentadbiran**

#### ***Head of Administration***

En. Nasrudin Yahya

## **Program Prasiswazah yang ditawarkan/ *Undergraduates Programme Offered***

### **Bachelor/ *Bachelor***

1. Bacelor Sains Pembangunan Manusia/ *Bachelor of Human Development Science*
2. Bacelor Sains Pembangunan Manusia dengan Pengurusan/ *Bachelor of Human Development Science with Management – dengan kerjasama Fakulti Ekonomi dan Pengurusan/ cooperation with Faculty of Economics and Management*
3. Bacelor Sains Pembangunan Manusia dengan Teknologi Maklumat/ *Bachelor of Human Development Science with Information Technology) – dengan kerjasama Fakulti Sains Komputer dan Teknologi Maklumat/cooperation with Faculty of Computer Science and Information Technology*
4. Bacelor Pengajian Pengguna/ *Bachelor of Consumer Studies*
5. Bacelor Muzik/ *Bachelor of Music*

**SKEMA PENGAJIAN PAKEJ ELeX UNTUK PROGRAM 4 TAHUN  
BERKUATKUASA UNTUK AMBILAN SEPTEMBER 2017 DAN SETERUSNYA  
ELeX SCHEME FOR 4 YEARS PROGRAMMES FROM SEPTEMBER INTAKE 2017 ONWARDS**

| MUET Band | TOEFL/IELTS Score                  | CIEP Level | Graduation Requirements for 4-year programmes   |
|-----------|------------------------------------|------------|---|
| 1 & 2     | -                                  | 107        | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4     | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109  | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6     | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -          | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

| Sem   | 4 - Years Programme               |  |  |
|-------|-----------------------------------|--|--|
|       | MUET/UTEIS 1 & 2<br>CIEP 107      | MUET 3 & 4<br>CIEP 108 - 109<br>TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | MUET/UTEIS 5 & 6<br>TOEFL 600 - 677<br>IELTS 7.0 - 9.0 |
| Sem 1 | BBI2422                           | 6 LAX points   | 6 LAX points   |
| Sem 2 | 6 LAX points<br>CEL2102           | BBI2423  | CEL2103  |
| Sem 3 | BBI2423                           | BBI2424  | BBI2425  |
| Sem 4 | BBI2424                           | 6 LAX points   | 6 LAX points   |
| Sem 5 | 12 LAX points                     | Cel2103  | BBI2426/Global language                                |
| Sem 6 | CEL2103                           | Choose ONE :<br>CEL2102/2105/2106/2107                             | 6 LAX points   |
| Sem 7 | Choose ONE :<br>CEL2105/2106/2107 | 6 LAX points   | 6 LAX points   |
| Sem 8 | 6 LAX points                      | 6 LAX points   | -  |

**Note:**

**Students must follow the prescribed scheme of study based on their MUET results (or equivalent) every semester.**

- MUET Band 5 and 6 students can choose to enrol in either one or two BBI courses. If they choose to do one BBI course, they must also enrol in one global language.
- Students who are away on Industrial Training in any semester do have not to enrol in any course or LAX activity for that particular semester. However, they must enrol in a course or LAX activity in the prior or subsequent semester (subject to course pre-requisites).

**ELeX Package Information**

**I. BBI Courses [(2+1) credits]**

- BBI 2422 (Reading for Academic Purposes)
- BBI 2423 (Academic Interaction and Presentation)
- BBI 2424 (Academic Writing)
- BBI 2425 – for MUET Band 5 & 6 students only
- BBI 2426 – for MUET Band 5 & 6 students only

Note: If students fail in a BBI course, they must repeat and pass the course before they can enrol in a subsequent BBI course.

## II. CEL Courses

- CEL 2102 (Effective Listening and Speaking)
- CEL 2103 (Writing Academic Texts)
- CEL 2105 (Spoken Communication for the Workplace)
- CEL 2106 (Communication for Professional Development)
- CEL 2107 (Written Business Communication)

Note: If students obtain LEVEL 1, they must repeat and pass the course (LEVEL 2 and above).

## III. LAX

- LAX (6 points or 12 points); 1 point = 2 hours per week
- 6-point LAX = 6 weeks x 2 hours per week
- 12-point LAX = 12 weeks x 2 hours per week

Note: If students obtain TM (*Tidak Memuaskan/Unsatisfactory*), they must enrol in the same or different LAX activity to replace the failed points. Students must ensure that they fulfil the required number of LAX points for graduation.

## IV. Pre-requisites for courses

- BBI 2422: MUET Band 1 – 2/equivalent
- BBI 2423: CEL 2102 Level 2 or MUET Band 3 – 4/equivalent
- BBI 2424: Passed BBI 2423
- CEL 2103: Passed BBI 2424 or MUET Band 5 – 6/equivalent
- CEL 2102, 2105, 2106, 2107: No pre-requisite required

## STRUKTUR KURIKULUM/ CURRICULUM STRUCTURE

**Nama Program** : **Bachelor Muzik/ Bachelor of Music**  
**Jumlah Kredit Bergraduat** : **124 Jam Kredit/ Credit Hours**  
**Tempoh Pengajian** : **8 Semester/ Semesters ( 4 Tahun/ Years )**

**Matlamat Program** :

1. melahirkan graduan yang kompeten sebagai pemuzik berpengetahuan tinggi dalam aspek teori dan praktikal berkaitan muzik.
2. melahirkan graduan yang berkebolehan menjalankan penyelidikan dalam bidang muzik.
3. melahirkan graduan yang berupaya menceburkan diri dalam industri muzik dengan beretika dan berintegriti.

### RINGKASAN HASIL PEMBELAJARAN PROGRAM

| Program                                  | Pengetahuan | Kemahiran Teknikal/<br>Praktikal/ Psikomotor | Pendekatan Kemahiran<br>Berfikir dan Saintifik | Kemahiran Berkomunikasi | Kemahiran Sosial dan<br>Bertanggungjawab | Professionalisme, Nilai,<br>Sikap dan Etika | Pendidikan Sepanjang Hayat<br>dan Pengurusan Informasi | Kemahiran Pengurusan dan<br>Keusahawanan | Kemahiran Kepimpinan |
|--|-------------|--|--|-------------------------|--|---|--|--|----------------------|
|  | P1          | P2   | P3   | P4                      | P5                                       | P6  | P7   | P8                                       | P9                   |
| Bachelor Muzik/ <i>Bachelor of Music</i> | 29          | 14   | 13   | 13                      | 3  | 11  | 1  | 5  | 4                    |

#### 1. Kursus Universiti/ *University Courses* (25 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>  | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|---|----|---|-----|-----------------------------------|
| SKP2101                           | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>                                       | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| SKP2203                           | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian<br/>Civilisation</i> | 2  | 2 | 0   | Tiada/ <i>None</i>                |
| SKP2204                           | Hubungan Etnik/ <i>Ethnic Relations</i>   | 2  | 2 | 0   | Tiada/ <i>None</i>                |
| FCE3204                           | Kemahiran Berfikir/ <i>Thinking Skills</i>  | 2  | 2 | 0   | Tiada/ <i>None</i>                |
| MGM3101                           | Prinsip Pengurusan/<br><i>Principles of Management</i>                                    | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MGM3180                           | Asas Keusahawanan/<br><i>Basic Entrepreneurship</i>                                       | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| PRT2008                           | Pertanian dan Manusia/<br><i>Agriculture and Man</i>                                      | 2  | 2 | 0   | Tiada/ <i>None</i>                |

|         |  |   |   |   |         |
|---------|--|---|---|---|---------|
| BBI2423 | <i>Academic Interaction and Presentation</i> | 3 | 2 | 1 | CEL2102 |
| BBI2424 | <i>Academic Writing</i>                      | 3 | 2 | 1 | BBI2423 |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>             | 1 | 0 | 1 |         |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>             | 1 | 0 | 1 |         |

2. Kursus Teras/ *Core Courses* (66 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>  | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i>                       |
|-----------------------------------|---|----|---|-----|---|
| MZK3001                           | Psikologi dan Sosiologi Muzik /<br><i>Psychology and Sociology of Music</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3004                           | Kritikan Muzik/ <i>Music Criticism</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3010                           | Kemahiran Penulisan Muzik/ <i>Music Writing Skills</i>                        | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3011                           | Budaya Muzik Dunia/<br><i>Music Cultures of the World</i>                     | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3120                           | Bahasa Muzik I/ <i>Musical Language I</i>                                     | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK3123                           | Asas Komposisi/ <i>Basic Composition</i>                                      | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK3124                           | Gubahan Muzik/ <i>Orchestration</i>   | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK3222                           | Kesedaran Muzik I/<br><i>Music Awareness I</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3311                           | Kemahiran Kemuzikan I/<br><i>Musicianship I</i>                               | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK3331                           | Solo Instrumental I/<br><i>Instrumental Solo I</i>                            | 3  | 1 | 2   | Tiada/ <i>None</i>                                      |
| MZK3332                           | Solo Instrumental II/<br><i>Instrumental Solo II</i>                          | 3  | 1 | 2   | MZK3331   |
| MZK3333                           | Solo Instrumental III/<br><i>Instrumental Solo III</i>                        | 3  | 1 | 2   | MZK3332   |
| MZK3334                           | Solo Instrumental IV/<br><i>Instrumental Solo IV</i>                          | 3  | 1 | 2   | MZK3333   |
| MZK3425                           | Orkestra I/ <i>Orchestra I</i>  | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK3426                           | Orkestra II/ <i>Orchestra II</i>  | 3  | 2 | 1   | MZK 3425  |
| MZK3610                           | Pengenalan Kepada Teknologi Muzik/<br><i>Introduction to Music Technology</i> | 3  | 3 | 0   | Tiada/ <i>None</i>                                      |
| MZK3902                           | Pengurusan Muzik/<br><i>Music Management</i>                                  | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK4800                           | Penyelidikan dalam Muzik/<br><i>Research in Music</i>                         | 3  | 2 | 1   | Tiada/ <i>None</i>                                      |
| MZK4903                           | Latihan Industri/ <i>Industrial Training</i>                                  | 6  | 0 | 6   | Persetujuan<br>Pensyarah/<br><i>Lecturer's Approval</i> |
| MZK4949<br>Atau                   | Projek Bacelor/ <i>Bachelor Project</i><br><i>Atau/ or</i>                    | 6  | 0 | 6   | Tiada/ <i>None</i>                                      |

|         |  |
|---------|--|
| MZK4959 | Disertasi Bacelor/<br><i>Bachelor Dissertation</i> |
|---------|--|

3. Kursus Elektif/ *Elective Courses* (33 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| MZK3002                           | Muzik dan Perkembangan Kanak-Kanak/<br><i>Music and Child Development</i>                            | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| MZK3005                           | Apresiasi Jaz/ <i>Jazz Appreciation</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MZK3012                           | Warisan Muzik Tanah Air/<br><i>Music Heritage of the Country</i>                                     | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MZK3013                           | Pengenalan kepada Terapi Muzik/<br><i>Introduction to Music Therapy</i>                              | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| MZK3103                           | Muzik dalam Pendidikan Khas/<br><i>Music in Special Education</i>                                    | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MZK3121                           | Bahasa Muzik II/ <i>Musical Language II</i>  | 3  | 2 | 1   | MZK 3120                          |
| MZK3125                           | Bahasa Muzik Semasa/<br><i>Contemporary Music Language</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MZK3203                           | Kelaziman Persembahan/<br><i>Performance Practice</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| MZK3212                           | Muzik Seni Abad Kedua Puluh dan Kontemporari/<br><i>Twentieth Century and Contemporary Art Music</i> | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| MZK3223                           | Kesedaran Muzik II/<br><i>Music Awareness II</i>   | 3  | 3 | 0   | MZK3222                           |
| MZK3312                           | Kemahiran Kemuzikan II/<br><i>Musicianship II</i>  | 3  | 2 | 1   | MZK3311                           |
| MZK3335                           | Solo Instrumental V/<br><i>Instrumental Solo V</i>   | 3  | 1 | 2   | MZK3334                           |
| MZK3427                           | Orkestra III/ <i>Orchestra III</i>   | 3  | 2 | 1   | MZK3426                           |
| MZK3428                           | Orkestra IV/ <i>Orchestra IV</i>   | 3  | 2 | 1   | MZK3427                           |
| MZK3436                           | Koir I/ <i>Choir I</i>   | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| MZK3437                           | Koir II/ <i>Choir II</i>   | 3  | 2 | 1   | MZK3436                           |
| MZK3438                           | Koir III/ <i>Choir III</i>   | 3  | 2 | 1   | MZK3437                           |
| MZK3439                           | Koir IV/ <i>Choir IV</i>   | 3  | 2 | 1   | MZK3438                           |
| MZK3441                           | Persembahan Ensembel I/<br><i>Ensemble Performance I</i>   | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| MZK3442                           | Persembahan Ensembel II/<br><i>Ensemble Performance II</i>   | 3  | 2 | 1   | MZK3441                           |
| MZK3443                           | Persembahan Ensembel III/<br><i>Ensemble Performance III</i>   | 3  | 2 | 1   | MZK3442                           |
| MZK3444                           | Persembahan Ensembel IV/<br><i>Ensemble Performance IV</i>   | 3  | 2 | 1   | MZK3443                           |
| MZK3605                           | Teknik Rakaman Studio/<br><i>Studio Recording Techniques</i>   | 3  | 1 | 2   | Tiada/ <i>None</i>                |

|         |   |   |   |   |            |
|---------|---|---|---|---|------------|
| MZK3611 | Sistem Audio/ <i>Audio System</i>   | 3 | 2 | 1 | Tiada/None |
| MZK3713 | Teori MIDI dan Audio Digital/<br><i>MIDI and Digital Audio Theory</i>           | 3 | 3 | 0 | Tiada/None |
| MZK3714 | Perisian Sekuenser/<br><i>Sequencing Software</i>                               | 3 | 2 | 1 | Tiada/None |
| MZK3715 | Penerbitan Muzik Desktop/<br><i>Desktop Music Publishing</i>                    | 3 | 2 | 1 | Tiada/None |
| MZK3804 | Pengajaran Muzik Praktikal/<br><i>Teaching of Practical Music</i>               | 3 | 2 | 1 | Tiada/None |
| MZK3901 | Industri Muzik/ <i>Music Industry</i>   | 3 | 3 | 0 | Tiada/None |
| MZK4300 | Pengenalan kepada Improvisasi Jaz/<br><i>Introduction to Jazz Improvisation</i> | 3 | 2 | 1 | Tiada/None |
| MZK4401 | Teknik Pimpinan Muzik/<br><i>Conducting Technique</i>                           | 3 | 2 | 1 | Tiada/None |
| MZK4991 | Resital Syarahan/ <i>Lecture Recital</i>  | 3 | 0 | 3 | Tiada/None |
| BBxxxx  | Bahasa Global/ <i>Global Language</i>   | 3 |   |   |            |

Nota/ Notes : Kr = Jam Kredit/ *Credit Hour*, K = Kuliah/ *Lecture*, A = Amali/ *Laboratory*, T = Tutorial

**Nota Penting/ Important Notes :**

1. Pelajar diwajibkan memilih **2 kredit** daripada **kursus kokurikulum** yang ditawarkan oleh universiti/ It is compulsory for students to take **2 credits of co-curriculum courses** offered by the university
2. Pelajar perlu melengkapkan pakej keperluan bahasa inggeris seperti jadual di bawah :  
(Butiran lanjut mengenai CEL dan LAX sila rujuk muka surat 3 dalam buku panduan ini)  
Students need to complete the english package as the table below : For more details on CEL and LAX please refer page 3 in this book.

| <b>MUET Band</b> | <b>TOEFL/IELTS Score</b>           | <b>CIEP Level</b> | <b>Graduation Requirements for 4-year programmes</b>  |
|------------------|------------------------------------|-------------------|---|
| 1 & 2            | -                                  | 107               | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4            | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109         | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6            | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -                 | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

**SKEMA PENGAJIAN/ STUDY SCHEME**TAHUN 1/ 1<sup>ST</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                            | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| MZK3120                    | Bahasa Muzik I/ <i>Musical Language I</i>              | 3         | 2         | 1        |
| MZK3222                    | Kesedaran Muzik I/ <i>Music Awareness I</i>            | 3         | 3         | 0        |
| MZK3311                    | Kemahiran Kemuzikan I/ <i>Musicianship I</i>           | 3         | 2         | 1        |
| MZK3331                    | Solo Instrumental I/ <i>Instrumental Solo I</i>        | 3         | 1         | 2        |
| BBI2423                    | <i>Academic Interaction and Presentation</i>           | 3         | 2         | 1        |
| MGM3101                    | Prinsip Pengurusan/<br><i>Principles of Management</i> | 3         | 3         | 0        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>18</b> | <b>13</b> | <b>5</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                               | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| MZK3010                    | Kemahiran Penulisan Muzik/<br><i>Music Writing Skills</i> | 3         | 3         | 0        |
| MZK3011                    | Budaya Muzik Dunia/<br><i>Music Cultures of the World</i> | 3         | 3         | 0        |
| MZK3123                    | Asas Komposisi/ <i>Basic Composition</i>                  | 3         | 2         | 1        |
| MZK3332                    | Solo Instrumental II/ <i>Instrumental Solo II</i>         | 3         | 1         | 2        |
| SKP2101                    | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>       | 3         | 3         | 0        |
| BBI2424                    | <i>Academic Writing</i>                                   | 3         | 2         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>14</b> | <b>4</b> |

TAHUN 2/ 2<sup>ND</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| MZK3001                    | Psikologi dan Sosiologi Muzik/<br><i>Psychology and Sociology of Music</i>            | 3         | 3         | 0        |
| MZK3124                    | Gubahan Muzik/ <i>Orchestration</i>   | 3         | 2         | 1        |
| MZK3333                    | Solo Instrumental III/ <i>Instrumental Solo III</i>                                   | 3         | 1         | 2        |
| MZK3425                    | Orkestra I/ <i>Orchestra I</i>  | 3         | 2         | 1        |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian Civilisation</i> | 2         | 2         | 0        |
| FCE3204                    | Kemahiran Berfikir/ <i>Thinking Skills</i>  | 2         | 2         | 0        |
| QKXxxxx                    | Kokurikulum/ <i>Cocurriculum</i>  | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>17</b> | <b>12</b> | <b>5</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| MZK3004                    | Kritikan Muzik/ <i>Music Criticism</i>  | 3         | 3         | 0        |
| MZK3334                    | Solo Instrumental IV/ <i>Instrumental Solo IV</i>                             | 3         | 1         | 2        |
| MZK3426                    | Orkestra II/ <i>Orchestra II</i>  | 3         | 2         | 1        |
| MZK3610                    | Pengenalan kepada Teknologi Muzik/<br><i>Introduction to Music Technology</i> | 3         | 3         | 0        |
| MZK3902                    | Pengurusan Muzik/ <i>Music Management</i>                                     | 3         | 2         | 1        |
| SKP2204                    | Hubungan Etnik/ <i>Ethnic Relations</i>                                       | 2         | 2         | 0        |
| QKXxxxx                    | Kokurikulum/ <i>Cocurriculum</i>  | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>13</b> | <b>5</b> |

TAHUN 3/ 3<sup>RD</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE                | NAMA KURSUS/<br>COURSE NAME                           | Kr        | K | A/T |
|---|---|-----------|---|-----|
| MZK4800                                   | Penyelidikan dalam Muzik/<br><i>Research in Music</i> | 3         | 2 | 1   |
| MGM3180                                   | Asas Keusahawanan/<br><i>Basic Entrepreneurship</i>   | 3         | 2 | 1   |
| PRT2008                                   | Pertanian dan Manusia/<br><i>Agriculture and Man</i>  | 2         | 2 | 0   |
| 3 Kursus Elektif/ <i>Elective Courses</i> |   | 9         |   |     |
| <b>JUMLAH/ TOTAL</b>                      |   | <b>17</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE                | NAMA KURSUS/<br>COURSE NAME                                 | Kr        | K | A/T |
|---|---|-----------|---|-----|
| MZK4949A                                  | Projek Bacelor/ <i>Bachelor Project</i>                     | 3         | 0 | 3   |
| Atau<br>MZK4959A                          | Atau/ or<br>Disertasi Bacelor/ <i>Bachelor Dissertation</i> |           |   |     |
| 4 Kursus Elektif/ <i>Elective Courses</i> |   | 12        |   |     |
| <b>JUMLAH/ TOTAL</b>                      |   | <b>15</b> |   |     |

TAHUN 4/ 4<sup>TH</sup> SEMESTER

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                      | Kr        | K | A/T |
|----------------------------|--|-----------|---|-----|
| MZK4949B                   | Projek Bachelor/ <i>Bachelor Project</i>         | 3         | 0 | 3   |
| Atau                       | <i>Atau/ or</i>                                  |           |   |     |
| MZK4959B                   | Disertasi Bachelor/ <i>Bachelor Dissertation</i> |           |   |     |
|                            | 4 Kursus Elektif/ <i>Elective Courses</i>        | 12        |   |     |
|                            | <b>JUMLAH/ TOTAL</b>                             | <b>15</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                  | Kr       | K | A/T |
|----------------------------|--|----------|---|-----|
| MZK4903                    | Latihan Industri/ <i>Industrial Training</i> | 6        | 0 | 6   |
|                            | <b>JUMLAH/ TOTAL</b>                         | <b>6</b> |   |     |

## STRUKTUR KURIKULUM/ CURRICULUM STRUCTURE

- Nama Program** : **Bachelor Sains Pembangunan Manusia/ Bachelor of Human Development Science**
- Jumlah Kredit Bergraduat** : **124 Jam Kredit/ Credit Hours**
- Tempoh Pengajian** : **8 Semester/ Semesters ( 4 Tahun/ Years )**
- Matlamat Program** :
1. Menghasilkan graduan yang kompeten dalam bidang pekerjaan yang berkaitan dengan Sains Pembangunan Manusia.
  2. Menghasilkan graduan yang berkebolehan menjalankan penyelidikan dalam bidang Sains Pembangunan Manusia.
  3. Menghasilkan graduan yang berupaya menjadi pegawai atau pengusaha yang beretika dan berintegriti dalam bidang berkaitan Sains Pembangunan Manusia.

### RINGKASAN HASIL PEMBELAJARAN PROGRAM

| Program                            | Pengetahuan | Kemahiran Teknikal/<br>Praktikal/ Psikomotor | Pendekatan Kemahiran<br>Berfikir dan Saintifik | Kemahiran Berkomunikasi | Kemahiran Sosial dan<br>Bertanggungjawab | Professionalisme, Nilai,<br>Sikap dan Etika | Pendidikan Sepanjang Hayat<br>dan Pengurusan Informasi | Kemahiran Pengurusan dan<br>Keusahawanan | Kemahiran Kepimpinan |
|------------------------------------|-------------|--|--|-------------------------|--|---|--|--|----------------------|
|                                    | P1          | P2   | P3   | P4                      | P5                                       | P6  | P7   | P8                                       | P9                   |
| Bachelor Sains Pembangunan Manusia | 40          | 11   | 14   | 11                      | 10                                       | 17  | 18   | 5  | 4                    |

#### 1. Kursus Universiti/ University Courses (25 Kredit/ Credits)

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SKP2101                    | Kenegaraan Malaysia/<br>Malaysian Nationhood                                      | 3  | 3 | 0   | Tiada/None                 |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br>Islamic Civilisation and Asian<br>Civilisation | 2  | 2 | 0   | Tiada/None                 |
| SKP2204                    | Hubungan Etnik/ Ethnic Relations  | 2  | 2 | 0   | Tiada/None                 |
| FCE3204                    | Kemahiran Berfikir/ Thinking Skills   | 2  | 2 | 0   | Tiada/None                 |
| MGM3101                    | Prinsip Pengurusan/<br>Principles of Management                                   | 3  | 3 | 0   | Tiada/None                 |
| MGM3180                    | Asas Keusahawanan/<br>Basic Entrepreneurship                                      | 3  | 2 | 1   | Tiada/None                 |
| PRT2008                    | Pertanian dan Manusia/<br>Agriculture and Man                                     | 2  | 2 | 0   | Tiada/None                 |

|         |  |   |   |   |         |
|---------|--|---|---|---|---------|
| BBI2423 | <i>Academic Interaction and Presentation</i> | 3 | 2 | 1 | CEL2102 |
| BBI2424 | <i>Academic Writing</i>                      | 3 | 2 | 1 | BBI2423 |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>             | 1 | 0 | 1 |         |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>             | 1 | 0 | 1 |         |

2. Kursus Teras/ *Core Courses* (66 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| FEM3001                           | Pengantar Pembangunan Manusia/<br><i>Introduction to Human Development</i>                                   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3003                           | Kaedah Penyelidikan/<br><i>Research Methods</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3004                           | Statistik Sains Sosial/<br><i>Social Science Statistic</i>   | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3101                           | Psikologi Perkembangan: Kanak-kanak dan Remaja/<br><i>Developmental Psychology: Children and Adolescents</i> | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3102                           | Psikologi Perkembangan: Dewasa dan Penuaan/<br><i>Developmental Psychology: Adult and Ageing</i>             | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3104                           | Ekologi Kerja dan Pembangunan Manusia/<br><i>Work Ecology and Human Development</i>                          | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3106                           | Polisi Sosial dan Undang-undang/<br><i>Social Policy and Law</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3107                           | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>                                      | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3109                           | Ekologi Keluarga dan Keibubapaan/<br><i>Family Ecology and Parenting</i>                                     | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3202                           | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>                           | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3301                           | Etika dan Nilai dalam Pembangunan/<br><i>Ethics and Values in Development</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3312                           | Demografi Sosial/<br><i>Social Demography</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3313                           | Sosiologi dan Antropologi Sosial/<br><i>Sociology and Social Anthropology</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3331                           | Pengantar Pembangunan Komuniti/<br><i>Introduction to Community Development</i>                              | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3343                           | Kerja Sosial dan Perkhidmatan Manusia/<br><i>Social Work and Human Services</i>                              | 3  | 2 | 1   | Tiada/ <i>None</i>                |

|         |   |   |   |   |            |
|---------|---|---|---|---|------------|
| FEM4903 | Latihan Industri/ <i>Industrial Training</i>                            | 6 | 0 | 6 | Tiada/None |
| FEM4959 | Disertasi Bacelor/<br><i>Bachelor Dissertation</i>                      | 6 | 0 | 6 | Tiada/None |
| PSP3000 | Ekonomi Keluarga dan Pengguna/<br><i>Family and Consumer Economics</i>  | 3 | 3 | 0 | Tiada/None |
| PSP3301 | Pengurusan Kewangan Isi Rumah/<br><i>Household Financial Management</i> | 3 | 2 | 1 | Tiada/None |
| SKP3501 | Psikologi Sosial/ <i>Social Psychology</i>                              | 3 | 3 | 0 | Tiada/None |

### 3. Kursus Elektif/ *Elective* (33 Kredit/ *Credits*)

**Nota/ Note:** Pelajar boleh memilih 21 kredit daripada mana-mana kursus dalam sub bidang yang disenaraikan. Manakala 12 kredit boleh diambil dari mana-mana kursus peringkat bacelor dari mana-mana universiti dalam atau luar negara dengan kebenaran fakulti/ *Students can choose 21 credits from any courses in any sub area listed. Another 12 credits can be choosen from any degree level courses from any local or international university with faculty's permission.*

#### a. Sub Bidang Psikologi Perkembangan Keluarga dan Kanak-Kanak/ *Sub Area in Family and Child Developmental Psychology*

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>  | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|---|----|---|-----|-----------------------------------|
| FEM3105                           | Tekanan dan Daya Tindak/<br><i>Stress and Coping</i>  | 3  | 3 | 0   | Tiada/None                        |
| FEM4101                           | Motivasi dan Pencapaian Manusia/<br><i>Motivation and Human Achievement</i>   | 3  | 3 | 0   | Tiada/None                        |
| FEM4103                           | Psikologi Tingkah Laku Sosial dan Interpersonal/<br><i>Psychology of Social and Interpersonal Behavior</i>                          | 3  | 3 | 0   | Tiada/None                        |
| FEM4104                           | Psikopatologi Kanak-kanak dan Keluarga/<br><i>Psychopathology of Children and Family</i>  | 3  | 3 | 0   | Tiada/None                        |
| FEM4113                           | Bimbingan dan Penasihat Kerjaya/<br><i>Career Guidance and Advising</i>   | 3  | 3 | 0   | Tiada/None                        |
| FEM4115                           | Penasihat Perkahwinan dan Keluarga/<br><i>Marriage and Family Advising</i>  | 3  | 3 | 0   | Tiada/None                        |
| FEM4123                           | Advokasi Kanak-kanak dan Keluarga/<br><i>Child and Family Advocacy</i>  | 3  | 3 | 0   | Tiada/None                        |
| FEM4130                           | Kurikulum Program Kanak-kanak Peringkat Awal/<br><i>Curriculum in Early Childhood Programme</i>                                     | 3  | 3 | 0   | Tiada/None                        |
| FEM4132                           | Perancangan dan Pentadbiran Program Kanak-kanak Peringkat Awal/<br><i>Planning and Administration of Early Childhood Programmes</i> | 3  | 3 | 0   | Tiada/None                        |
| FEM4133                           | Penilaian Perkembangan Kanak-kanak/<br><i>Assessment of Children's Development</i>  | 3  | 3 | 0   | Tiada/None                        |

|         |  |   |   |   |            |
|---------|--|---|---|---|------------|
| FEM4136 | Undang-Undang Keluarga/<br><i>Family Law</i> | 3 | 3 | 0 | Tiada/None |
| BB-XXX  | Bahasa Global/ <i>Global Language</i>        | 3 | 2 | 1 |            |

b. Sub Bidang Pengurusan Sumber/ *Sub Area in Resource Management*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|--|----|---|-----|----------------------------|
| FEM3201                    | Pengurusan dan Pembuatan Keputusan/<br><i>Management and Decision Making</i>                                 | 3  | 3 | 0   | Tiada/None                 |
| FEM4204                    | Modal Insan dan Ekonomi/<br><i>Human Capital and the Economy</i>   | 3  | 3 | 0   | Tiada/None                 |
| FEM4205                    | Pengurusan Sumber dalam Persekitaran Berubah/<br><i>Resource Management in Changing Environment</i>          | 3  | 3 | 0   | Tiada/None                 |
| FEM4225                    | Undang-Undang Buruh dan Perlindungan Pekerja/<br><i>Labour Law and Employees' Protection</i>                 | 3  | 3 | 0   | Tiada/None                 |
| PSP3101                    | Analisis Masalah Pengurusan dalam Masyarakat/<br><i>Analysis of the Managerial Problems in the Community</i> | 3  | 2 | 1   | Tiada/None                 |
| PSP3205                    | Gelagat Organisasi dan Pembuatan Keputusan/<br><i>Organisational Behaviour and Decision Making</i>           | 3  | 3 | 0   | Tiada/None                 |
| PSP4204                    | Pengurusan Konflik/<br><i>Conflict Management</i>  | 3  | 2 | 1   | PSP3205                    |
| MGM3113                    | Gelagat Organisasi/<br><i>Organizational Behavior</i>  | 3  | 3 | 0   | MGM 3101                   |
| MGM3123                    | Pengurusan Sumber Manusia/<br><i>Human Resource Management</i>   | 3  | 3 | 0   | MGM 3113                   |
| BB-XXX                     | Bahasa Global/ <i>Global Language</i>  | 3  | 2 | 1   |                            |

c. Sub Bidang Kerja Sosial dan Pembangunan Komuniti/ *Sub Area in Social Work and Community Development*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|--|----|---|-----|----------------------------|
| FEM3302                    | E-Komuniti dan Komuniti Lestari/<br><i>E-community and Sustainable Community</i> | 3  | 3 | 0   | Tiada/None                 |
| FEM3303                    | Perancangan dan Penilaian Program/<br><i>Programme Planning and Evaluation</i>   | 3  | 2 | 1   | Tiada/None                 |
| FEM3311                    | Masalah Sosial/<br><i>Social Problems</i>  | 3  | 3 | 0   | Tiada/None                 |
| FEM3334                    | Kepimpinan Pembangunan Komuniti/<br><i>Community Development Leadership</i>      | 3  | 3 | 0   | Tiada/None                 |

|         |  |   |   |   |            |
|---------|--|---|---|---|------------|
| FEM3335 | Pembangunan dan Kelestarian/<br><i>Development and Sustainability</i>                      | 3 | 3 | 0 | Tiada/None |
| FEM3341 | Teori dan Praktis Kerja Sosial/<br><i>Social Work Theory and Practice</i>                  | 3 | 3 | 0 | Tiada/None |
| FEM3342 | Kerja Sosial dan Kebajikan Sosial/<br><i>Social Work and Social Welfare</i>                | 3 | 3 | 0 | Tiada/None |
| FEM4311 | Perubahan Sosial/<br><i>Social Change</i>  | 3 | 3 | 0 | Tiada/None |
| FEM4312 | Masyarakat, Pembangunan dan Persekitaran/<br><i>Society, Development and Environment</i>   | 3 | 3 | 0 | Tiada/None |
| FEM4314 | Dasar dan Perancangan Sosial/<br><i>Social Policy and Planning</i>                         | 3 | 3 | 0 | Tiada/None |
| FEM4331 | Kerja Komuniti dan Kesukarelawanan/<br><i>Community Work and Volunteerism</i>              | 3 | 2 | 1 | Tiada/None |
| FEM4341 | Kerja Sosial dengan Individu dan Kumpulan/<br><i>Social Work with Individual and Group</i> | 3 | 3 | 0 | Tiada/None |
| FEM4342 | Perkhidmatan Kerja Sosial/<br><i>Social Work Services</i>                                  | 3 | 3 | 0 | Tiada/None |
| SKP3109 | Pembangunan Bandar/<br><i>Urban Development</i>  | 3 | 3 | 0 | Tiada/None |
| BB-XXX  | Bahasa Global/<br><i>Global Language</i>   | 3 | 2 | 1 |            |

d. Sub Bidang Falsafah dan Politik/ *Sub Area in Philosophy and Politics*

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>  | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|---|----|---|-----|-----------------------------------|
| FEM3401                           | Pengantar Politik/<br><i>Introduction to Politics</i>                               | 3  | 3 | 0   | Tiada/None                        |
| FEM3402                           | Pengantar Falsafah/<br><i>Introduction to Philosophy</i>                            | 3  | 3 | 0   | Tiada/None                        |
| FEM3403                           | Konflik Sosial dalam Masyarakat Majmuk/<br><i>Social Conflict in Plural Society</i> | 3  | 3 | 0   | Tiada/None                        |
| FEM3404                           | Berfikir dan Menaakul/<br><i>Thinking and Reasoning</i>                             | 3  | 3 | 0   | Tiada/None                        |
| FEM4401                           | Politik dan Pembangunan/<br><i>Politics and Development</i>                         | 3  | 3 | 0   | Tiada/None                        |
| FEM4402                           | Sosiologi Politik/<br><i>Political Sociology</i>                                    | 3  | 3 | 0   | Tiada/None                        |
| FEM4403                           | Politik Asia Tenggara/<br><i>Southeast Asian Politics</i>                           | 3  | 3 | 0   | Tiada/None                        |
| BB-XXX                            | Bahasa Global/<br><i>Global Language</i>  | 3  | 2 | 1   |                                   |

Nota/ Notes : Kr = Jam Kredit/ *Credit Hour*, K = Kuliah/ *Lecture*, A = Amali/ *Laboratory*, T = Tutorial

**Nota Penting/ Important Notes :**

1. Pelajar diwajibkan memilih **2 kredit** daripada **kursus kokurikulum** yang ditawarkan oleh Universiti/ It is compulsory for students to take **2 credits of co-curriculum courses** offered by the university
2. Pelajar perlu melengkapkan pakej keperluan bahasa inggeris seperti jadual di bawah :  
(Butiran lanjut mengenai CEL dan LAX sila rujuk muka surat 3 dalam buku panduan ini)  
Students need to complete the english package as the table below: For more details on CEL and LAX please refer page 3 in this book.

| MUET Band | TOEFL/IELTS Score                  | CIEP Level | Graduation Requirements for 4-year programmes   |
|-----------|------------------------------------|------------|---|
| 1 & 2     | -                                  | 107        | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4     | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109  | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6     | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -          | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

**SKEMA PENGAJIAN/ STUDY SCHEME**TAHUN 1/ 1<sup>ST</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3001                    | Pengantar Pembangunan Manusia/<br><i>Introduction to Human Development</i>    | 3         | 3         | 0        |
| FEM3109                    | Ekologi Keluarga dan Keibubapaan/<br><i>Family Ecology and Parenting</i>      | 3         | 3         | 0        |
| FEM3312                    | Demografi Sosial/ <i>Social Demography</i>                                    | 3         | 3         | 0        |
| FEM3313                    | Sosiologi dan Antropologi Social/<br><i>Sociology and Social Anthropology</i> | 3         | 3         | 0        |
| SKP2101                    | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>                           | 3         | 3         | 0        |
| FCE3204                    | Kemahiran Berfikir/ <i>Thinking Skills</i>                                    | 2         | 2         | 0        |
| QKXxxxx                    | Kokurikulum/ <i>Cocurriculum</i>  | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>17</b> | <b>1</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr | K | A/T |
|----------------------------|--|----|---|-----|
| FEM3101                    | Psikologi Perkembangan: Kanak-kanak dan Remaja/<br><i>Developmental Psychology: Children and Adolescents</i> | 3  | 2 | 1   |
| FEM3106                    | Polisi Sosial dan Undang-undang/   | 3  | 3 | 0   |

| <i>Social Policy and Law</i> |   |           |           |          |
|------------------------------|---|-----------|-----------|----------|
| FEM3331                      | Pengantar Pembangunan Komuniti/<br><i>Introduction to Community Development</i> | 3         | 3         | 0        |
| SKP2204                      | Hubungan Etnik/ <i>Ethnic Relations</i>   | 2         | 2         | 0        |
| BBI2423                      | <i>Academic Interaction and Presentation</i>                                    | 3         | 2         | 1        |
| MGM3101                      | Prinsip Pengurusan/<br>Principles of Management                                 | 3         | 3         | 0        |
| QKXxxxx                      | Kokurikulum/ <i>Cocurriculum</i>  | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>         |   | <b>18</b> | <b>15</b> | <b>3</b> |

TAHUN 2/ 2<sup>ND</sup> YEAR

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| FEM3102                    | Psikologi Perkembangan: Dewasa dan Penuaan/<br><i>Developmental Psychology: Adult and Ageing</i> | 3         | 3         | 0        |
| FEM3104                    | Ekologi Kerja dan Pembangunan Manusia/<br><i>Work Ecology and Human Development</i>              | 3         | 3         | 0        |
| FEM3202                    | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>               | 3         | 2         | 1        |
| PSP3301                    | Pengurusan Kewangan Isirumah/<br><i>Household Financial Management</i>                           | 3         | 2         | 1        |
| SKP3501                    | Psikologi Sosial/ <i>Social Psychology</i>   | 3         | 3         | 0        |
| BBI2424                    | <i>Academic Writing</i>  | 3         | 2         | 1        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>18</b> | <b>15</b> | <b>3</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3003                    | Kaedah Penyelidikan/ <i>Research Method</i>                                     | 3         | 3         | 0        |
| FEM3107                    | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>         | 3         | 2         | 1        |
| FEM3301                    | Etika dan Nilai dalam Pembangunan/<br><i>Ethics and Values in Development</i>   | 3         | 3         | 0        |
| FEM3343                    | Kerja Sosial dan Perkhidmatan Manusia/<br><i>Social Work and Human Services</i> | 3         | 2         | 1        |
| PSP3000                    | Ekonomi Keluarga dan Pengguna/<br><i>Family and Consumer Economics</i>          | 3         | 3         | 0        |
| PRT2008                    | Pertanian dan Manusia/ <i>Agriculture and Man</i>                               | 2         | 2         | 0        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>17</b> | <b>15</b> | <b>2</b> |

TAHUN 3/ 3<sup>RD</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K | A/T |
|----------------------------|---|-----------|---|-----|
| FEM3004                    | Statistik Sains Sosial/ <i>Social Science Statistic</i>                               | 3         | 2 | 1   |
| MGM3180                    | Asas Keusahawanan/<br><i>Basic Entrepreneurship</i>                                   | 3         | 2 | 1   |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian Civilisation</i> | 2         | 2 | 0   |
|                            | 3 Kursus Elektif/ <i>Elective Courses</i>   | 9         |   |     |
|                            | <b>JUMLAH/ TOTAL</b>  | <b>17</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                     | Kr        | K | A/T |
|----------------------------|---|-----------|---|-----|
| FEM4959A                   | Disertasi Bacelor/ <i>Bachelor Dissertation</i> | 3         | 0 | 3   |
|                            | 4 Kursus Elektif/ <i>Elective Courses</i>       | 12        |   |     |
|                            | <b>JUMLAH/ TOTAL</b>                            | <b>15</b> |   |     |

TAHUN 4/ 4<sup>TH</sup> SEMESTERSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                     | Kr        | K | A/T |
|----------------------------|---|-----------|---|-----|
| FEM4959B                   | Disertasi Bacelor/ <i>Bachelor Dissertation</i> | 3         | 0 | 3   |
|                            | 4 Kursus Elektif/ <i>Elective Courses</i>       | 12        |   |     |
|                            | <b>JUMLAH/ TOTAL</b>                            | <b>15</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                  | Kr       | K | A/T |
|----------------------------|--|----------|---|-----|
| FEM4903                    | Latihan Industri/ <i>Industrial Training</i> | 6        | 0 | 6   |
|                            | <b>JUMLAH/ TOTAL</b>                         | <b>6</b> |   |     |

## STRUKTUR KURIKULUM/ CURRICULUM STRUCTURE

**Nama Program** : **Bachelor Pengajian Pengguna/ Bachelor of Consumer Studies**

**Jumlah Kredit Bergraduat** : **123 Jam Kredit/ Credit Hours**

**Tempoh Pengajian** : **8 Semester/ Semesters ( 4 Tahun/ Years )**

**Matlamat Program** :

1. melahirkan graduan yang kompeten dalam bidang pekerjaan yang berkaitan dengan pengguna dan pengurusan sumber
2. melahirkan graduan yang menjalankan penyelidikan dalam bidang Pengajian Pengguna
3. melahirkan graduan yang berupaya menjadi pegawai atau pengusaha yang beretika dan berintegriti dalam bidang berkaitan kepenggunaan

### RINGKASAN HASIL PEMBELAJARAN PROGRAM

| Program                     | Pengetahuan | Kemahiran Teknikal/<br>Praktikal/ Psikomotor | Pendekatan Kemahiran<br>Berfikir dan Saintifik | Kemahiran Berkomunikasi | Kemahiran Sosial dan<br>Bertanggungjawab | Professionalisme, Nilai,<br>Sikap dan Etika | Pendidikan Sepanjang Hayat<br>dan Pengurusan Informasi | Kemahiran Pengurusan dan<br>Keusahawanan | Kemahiran Kepimpinan |
|-----------------------------|-------------|--|--|-------------------------|--|---|--|--|----------------------|
|                             | P1          | P2   | P3   | P4                      | P5                                       | P6  | P7   | P8                                       | P9                   |
| Bachelor Pengajian Pengguna | 40          | 9  | 15   | 9                       | 7  | 19  | 17   | 5  | 4                    |

#### 1. Kursus Universiti/ University Courses ( 25 Kredit/ Credits)

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SKP2101                    | Kenegaraan Malaysia/<br>Malaysian Nationhood                                      | 3  | 3 | 0   | Tiada/None                 |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br>Islamic Civilisation and Asian<br>Civilisation | 2  | 2 | 0   | Tiada/None                 |
| SKP2204                    | Hubungan Etnik/ Ethnic Relations  | 2  | 2 | 0   | Tiada/None                 |
| FCE3204                    | Kemahiran Berfikir/ Thinking Skills   | 2  | 2 | 0   | Tiada/None                 |
| MGM3101                    | Prinsip Pengurusan/<br>Principles of Management                                   | 3  | 3 | 0   | Tiada/None                 |
| ECN3010                    | Prinsip Ekonomi/ Principles of<br>Economics                                       | 3  | 3 | 0   | Tiada/None                 |
| PRT2008                    | Pertanian dan Manusia/<br>Agriculture and Man                                     | 2  | 2 | 0   | Tiada/None                 |
| BBI2423                    | Academic Interaction and Presentation   | 3  | 2 | 1   | CEL2102                    |

|         |                                  |   |   |   |         |
|---------|----------------------------------|---|---|---|---------|
| BBI2424 | <i>Academic Writing</i>          | 3 | 2 | 1 | BBI2423 |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i> | 1 | 0 | 1 |         |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i> | 1 | 0 | 1 |         |

2. Kursus Teras/ *Core Courses* ( 65 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i>                    |
|-----------------------------------|--|----|---|-----|--|
| PSP3001                           | Pengenalan Sains Pengguna/<br><i>Introduction to Consumer Sciences</i>                               | 3  | 3 | 0   | Tiada/ <i>None</i>                                   |
| PSP3002                           | Kaedah Penyelidikan dalam Sains Pengguna/<br><i>Research Methods in Consumer Sciences</i>            | 3  | 2 | 1   | Tiada/ <i>None</i>                                   |
| PSP3003                           | Psikologi Pengguna/ <i>Consumer Psychology</i>   | 3  | 3 | 0   | PSP3001  |
| PSP3201                           | Perlakuan Pengguna/<br><i>Consumer Behavior</i>  | 3  | 3 | 0   | PSP3001  |
| PSP3202                           | Perlindungan Pengguna/<br><i>Consumer Protection</i>   | 3  | 3 | 0   | PSP3001  |
| PSP3203                           | Ekonomi Pengguna/ <i>Consumer Economics</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                                   |
| PSP3204                           | Ekonomi Keluarga/ <i>Family Economics</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                                   |
| PSP3205                           | Gelagat Organisasi dan Pembuatan Keputusan/<br><i>Organisational Behaviour and Decision Making</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                                   |
| PSP3301                           | Pengurusan Kewangan Isi Rumah/<br><i>Household Financial Management</i>                              | 3  | 2 | 1   | Tiada/ <i>None</i>                                   |
| PSP4000                           | Seminar Sains Pengguna/<br><i>Seminar on Consumer Sciences</i>                                       | 1  | 0 | 1   | Tiada/ <i>None</i>                                   |
| PSP4200                           | Etika Pengguna dan Peniaga/<br><i>Consumer and Business Ethics</i>                                   | 3  | 3 | 0   | PSP3201  |
| PSP4201                           | Undang-Undang Pengguna/ <i>Consumer Law</i>  | 3  | 3 | 0   | PSP3202  |
| PSP4601                           | Penilaian Barangan dan Perkhidmatan Pengguna/<br><i>Evaluation of Consumer Products and Services</i> | 3  | 2 | 1   | Tiada/ <i>None</i>                                   |
| PSP4903                           | Latihan Industri / <i>Industrial Training</i>  | 6  | 0 | 6   | Persetujuan Pensyarah/<br><i>Lecturer's Approval</i> |
| PSP4959                           | Disertasi Bachelo/<br><i>Bachelor Dissertation</i>   | 6  | 0 | 6   | Tiada/ <i>None</i>                                   |
| FEM3107                           | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>                              | 3  | 2 | 1   | Tiada/ <i>None</i>                                   |
| FEM3202                           | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>                   | 3  | 2 | 1   | Tiada/ <i>None</i>                                   |

|         |   |   |   |   |            |
|---------|---|---|---|---|------------|
| FEM3205 | Pembangunan Perusahaan Keluarga/<br><i>Development of Family Enterprise</i> | 3 | 2 | 1 | Tiada/None |
| MGM3211 | Prinsip Pemasaran/<br><i>Principles of Marketing</i>                        | 3 | 3 | 0 | MGM3101    |
| MTH3003 | Statistik bagi Sains Gunaan/<br><i>Statistics for Applied Sciences</i>      | 4 | 3 | 1 | Tiada/None |

**Nota Penting/ Important Notes :**

1. Pelajar perlu mengambil 21 kredit dari mana-mana pakej kursus ELEKTIF yang disenaraikan. Manakala 12 kredit boleh diambil dari mana-mana kursus peringkat bachelor dari mana-mana univerti dalam atau luar Negara dengan kebenaran fakulti. *Students must take 21 credits from any of the elective packages listed. Another 12 credits can be taken from any degree level courses from any local or international university with faculty's permission.*
2. Bagi pakej Kewangan Pengguna, kursus ketiga hingga kelapan adalah sebahagian daripada kelayakan pensijilan profesional: *Registered/Certified Financial Planner/ For Consumer Finance Package, the third to the eight courses are part of the professional certification qualification: Registered/Certified Financial Planner.*

3. Kursus Elektif

a. Pakej Kewangan Pengguna/ *Consumer Finance Package*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE        |
|----------------------------|---|----|---|-----|-----------------------------------|
| ACT2111                    | Pengantar Perancangan dan Penggunaan Maklumat Kewangan/<br><i>Introduction to Planning and Use of Financial Information</i> | 3  | 3 | 0   | Tiada/None                        |
| ACT3112                    | Perakaunan Pengenalan/<br><i>Introductory Accounting</i>  | 4  | 3 | 1   | Tiada/None                        |
| ACT3211                    | Pengurusan Kewangan/<br><i>Financial Management</i>   | 3  | 3 | 0   | ACT 2112/<br>ACT 2114             |
| ACT4221                    | Analisis Pelaburan/<br><i>Investment Analysis</i>   | 3  | 3 | 0   | ACT3211                           |
| PSP4302                    | Penasihat Kewangan/<br><i>Financial Advising</i>  | 3  | 1 | 2   | PSP3301                           |
| PSP4305                    | Psikologi Wang/<br><i>The Psychology of Money</i>   | 3  | 2 | 1   | Tiada/None                        |
| PSP4306                    | Persaraan dan Perancangan Estet/<br><i>Retirement and Estate Planning</i>   | 3  | 2 | 1   | PSP3301                           |
| PSP4307                    | Zakat dan Percukaian Individu/<br><i>Zakat and Individual Taxation</i>  | 3  | 3 | 0   | <del>PSP 3304</del><br>Tiada/None |
| PSP4308                    | Pengurusan Risiko Keluarga/<br><i>Family Risk Management</i>  | 3  | 2 | 1   | PSP3301                           |
| PSP4309                    | Simpanan dan Pelaburan Pengguna/<br><i>Consumer Saving and Investment</i>   | 3  | 2 | 1   | PSP3301                           |
| PSP4310                    | Kredit Pengguna dan Pengurusan Hutang/<br><i>Consumer Credit and Debt Management</i>  | 3  | 2 | 1   | PSP3301                           |

|         |   |   |   |   |            |
|---------|---|---|---|---|------------|
| PSP4311 | Pengguna dan Pasaran Kewangan/<br><i>Consumer and Financial Markets</i> | 3 | 3 | 0 | Tiada/None |
| BB-XXX  | Bahasa Asing (Global)/ <i>Global Language</i>                           | 3 | 2 | 1 |            |

b. Pakej Advokasi dan Pendidikan Pengguna/ *Advocacy and Consumer Education Package*

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| PSP4202                           | Pendayaupayaan Pengguna/<br><i>Consumer Empowerment</i>                                      | 3  | 3 | 0   | Tiada/None                        |
| PSP4203                           | Analisis Polisi dan Program<br>Pengguna/ <i>Analysis of Consumer Policies and Programmes</i> | 3  | 2 | 1   | Tiada/None                        |
| PSP4204                           | Pengurusan Konflik/<br><i>Conflict Management</i>  | 3  | 2 | 1   | PSP3205                           |
| PSP4205                           | Audit Sosial dan Kesejahteraan<br>Pengguna/<br><i>Social Audit and Consumer Well Being</i>   | 3  | 3 | 0   | Tiada/None                        |
| PSP4206                           | Advokasi Pengguna/<br><i>Consumer Advocacy</i>   | 3  | 3 | 0   | Tiada/None                        |
| PSP4310                           | Kredit Pengguna dan Pengurusan<br>Hutang/ <i>Consumer Credit and Debt Management</i>         | 3  | 2 | 1   | PSP 3301                          |
| KOC3431                           | Strategi Perhubungan Awam/<br><i>Public Relation Strategies</i>                              | 3  | 2 | 1   | Tiada/None                        |
| KOH3231                           | Psikologi Komunikasi/<br><i>Communication Psychology</i>                                     | 3  | 3 | 0   | Tiada/None                        |
| KOJ3444                           | Prinsip dan Praktik Kewartawanan/<br><i>Principles and Practices of Journalism</i>           | 3  | 2 | 1   | Tiada/None                        |
| BB-XXX                            | Bahasa Asing (Global)/ <i>Global Language</i>  | 3  | 2 | 1   |                                   |

c. Pakej Produk Pengguna/ *Consumer Product Package*

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| KOM3403                           | Pengucapan Awam/ <i>Public Oratation</i>   | 3  | 2 | 1   | Tiada/None                        |
| KOH3401                           | Komunikasi Kumpulan Kecil/<br><i>Small Group Communication</i>                   | 3  | 2 | 1   | Tiada/None                        |
| MGM4174                           | Pengurusan Perkhidmatan/<br><i>Service Management</i>                            | 3  | 3 | 0   | MGM3211                           |
| PSP3402                           | Perumahan dan Petempatan<br>Manusia/<br><i>Housing and Human Settlement</i>      | 3  | 3 | 0   | Tiada/None                        |
| PSP3504                           | Reka Bentuk dan Persekitaran<br>Pengguna/ <i>Design and Consumer Environment</i> | 3  | 2 | 1   | Tiada/None                        |

|         |  |   |   |   |            |
|---------|--|---|---|---|------------|
| PSP4403 | Ekonomi Perumahan/<br><i>Housing Economics</i>                     | 3 | 3 | 0 | Tiada/None |
| PSP4602 | Keselamatan Produk/<br><i>Product Safety</i>                       | 3 | 3 | 0 | Tiada/None |
| PSP4604 | Ergonomik dan Pengguna/<br><i>Ergonomics and Consumer</i>          | 3 | 2 | 1 | PSP3504    |
| PSP4701 | Penilaian Makanan Pengguna/<br><i>Consumer Food Evaluation</i>     | 3 | 2 | 1 | PSP 4601   |
| PSP4702 | Pengurusan Makanan/<br><i>Food Management</i>                      | 3 | 2 | 1 | FEM 3202   |
| PSP4703 | Kualiti dan Keselamatan Makanan/<br><i>Food Quality and Safety</i> | 3 | 3 | 0 | FEM 3202   |
| PSP4401 | Psikologi Persekitaran/<br><i>Environmental Psychology</i>         | 3 | 3 | 0 | Tiada/None |
| SKP3109 | Pembangunan Bandar/<br><i>Urban Development</i>                    | 3 | 3 | 0 | Tiada/None |
| BB-XXX  | Bahasa Asing (Global)/<br><i>Global Language</i>                   | 3 | 2 | 1 |            |

Nota/ Notes : Kr = Jam Kredit/ *Credit Hour*, K = Kuliah/ *Lecture*, A = Amali/ *Laboratory*, T = Tutorial

**Nota Penting/ Important Notes :**

1. Pelajar diwajibkan memilih **2 kredit** daripada **kursus kokurikulum** yang ditawarkan oleh universiti/ *It is compulsory for students to take 2 credits of co-curriculum courses offered by the university*
2. Pelajar perlu melengkapkan pakej keperluan bahasa inggeris seperti jadual di bawah :  
(Butiran lanjut mengenai CEL dan LAX sila rujuk muka surat 3 dalam buku panduan ini)  
*Students need to complete the english package as the table below : For more details on CEL and LAX please refer page 3 in this book.*

| MUET Band | TOEFL/IELTS Score                  | CIEP Level | Graduation Requirements for 4-year programmes   |
|-----------|------------------------------------|------------|---|
| 1 & 2     | -                                  | 107        | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4     | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109  | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6     | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -          | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

**SKEMA PENGAJIAN/ STUDY SCHEME**TAHUN 1/ 1<sup>ST</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| PSP3001                    | Pengenalan Sains Pengguna/<br><i>Introduction to Consumer Sciences</i> | 3         | 3         | 0        |
| SKP2101                    | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>                    | 3         | 3         | 0        |
| SKP2204                    | Hubungan Etnik/<br><i>Ethnic Relations</i>                             | 2         | 2         | 0        |
| PRT2008                    | Pertanian dan Manusia/<br><i>Agriculture and Man</i>                   | 2         | 2         | 0        |
| ECN3010                    | Prinsip Ekonomi/<br><i>Principles of Economics</i>                     | 3         | 3         | 0        |
| FCE3204                    | Kemahiran Berfikir/<br><i>Thinking Skills</i>                          | 2         | 2         | 0        |
| QKXxxxx                    | Kokurikulum/<br><i>Cocurriculum</i>                                    | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>16</b> | <b>15</b> | <b>1</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| PSP3003                    | Psikologi Pengguna/<br><i>Consumer Psychology</i>                                     | 3         | 3         | 0        |
| PSP3203                    | Ekonomi Pengguna/<br><i>Consumer Economics</i>  | 3         | 3         | 0        |
| PSP3301                    | Pengurusan Kewangan Isi Rumah/<br><i>Household Financial Management</i>               | 3         | 2         | 1        |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian Civilisation</i> | 2         | 2         | 0        |
| BBI2423                    | <i>Academic Interaction and Presentation</i>  | 3         | 2         | 1        |
| QKXxxxx                    | Kokurikulum/<br><i>Cocurriculum</i>   | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>15</b> | <b>12</b> | <b>3</b> |

TAHUN 2/ 2<sup>ND</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr | K | A/T |
|----------------------------|--|----|---|-----|
| FEM3202                    | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i> | 3  | 2 | 1   |
| PSP3202                    | Perlindungan Pengguna/<br><i>Consumer Protection</i>                               | 3  | 3 | 0   |
| PSP3204                    | Ekonomi Keluarga/<br><i>Family Economics</i>                                       | 3  | 3 | 0   |
| BBI2424                    | <i>Academic Writing</i>  | 3  | 2 | 1   |
| PSP3201                    | Perlakuan Pengguna/<br><i>Consumer Behavior</i>                                    | 3  | 3 | 0   |
| MGM3101                    | Prinsip Pengurusan/  | 3  | 3 | 0   |

|                                 |  |           |           |          |
|---------------------------------|--|-----------|-----------|----------|
| <i>Principles of Management</i> |  |           |           |          |
| <b>JUMLAH/ TOTAL</b>            |  | <b>18</b> | <b>16</b> | <b>2</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3205                    | Pembangunan Perusahaan Keluarga/<br><i>Development of Family Enterprise</i> | 3         | 2         | 1        |
| FEM3107                    | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>     | 3         | 2         | 1        |
| PSP4201                    | Undang-Undang Pengguna/<br><i>Consumer Law</i>                              | 3         | 3         | 0        |
| MGM3211                    | Prinsip Pemasaran/<br><i>Principles of Marketing</i>                        | 3         | 3         | 0        |
| MTH3003                    | Statistik bagi Sains Gunaan/<br><i>Statistics for Applied Sciences</i>      | 4         | 3         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>16</b> | <b>13</b> | <b>3</b> |

TAHUN 3/ 3<sup>RD</sup> YEAR

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE                   | NAMA KURSUS/<br>COURSE NAME   | Kr        | K | A/T |
|--|---|-----------|---|-----|
| PSP3002                                      | Kaedah Penyelidikan dalam Sains<br>Pengguna/<br><i>Research Methods in Consumer Sciences</i>              | 3         | 2 | 1   |
| PSP3205                                      | Gelagat Organisasi Dan Pembuatan<br>Keputusan/<br><i>Organizational Behaviour and<br/>Decision Making</i> | 3         | 3 | 0   |
| PSP4000                                      | Seminar Sains Pengguna/<br><i>Seminar on Consumer Sciences</i>  | 1         | 0 | 1   |
| PSP4200                                      | Etika Pengguna dan Peniaga/<br><i>Consumer and Business Ethics</i>  | 3         | 3 | 0   |
| 2 Kursus Elektif/<br><i>Elective Courses</i> |   | 6         |   |     |
| <b>JUMLAH/ TOTAL</b>                         |   | <b>16</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE                   | NAMA KURSUS/<br>COURSE NAME   | Kr        | K | A/T |
|--|---|-----------|---|-----|
| PSP4601                                      | Penilaian Barangan dan Perkhidmatan<br>Pengguna/<br><i>Evaluation of Consumer<br/>Products and Services</i> | 3         | 2 | 1   |
| PSP4959A                                     | Disertasi Bacelor/<br><i>Bachelor Dissertation</i>  | 3         | 0 | 3   |
| 4 Kursus Elektif/<br><i>Elective Courses</i> |   | 12        |   |     |
| <b>JUMLAH/ TOTAL</b>                         |   | <b>18</b> |   |     |

TAHUN 4/ 4<sup>TH</sup> SEMESTER

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                     | Kr        | K | A/T |
|----------------------------|---|-----------|---|-----|
| PSP4959B                   | Disertasi Bacelor/ <i>Bachelor Dissertation</i> | 3         | 0 | 3   |
|                            | 5 Kursus Elektif/ <i>Elective Courses</i>       | 15        |   |     |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                  | Kr       | K | A/T      |
|----------------------------|--|----------|---|----------|
| PSP4903                    | Latihan Industri/ <i>Industrial Training</i> | 6        | 0 | 6        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>6</b> |   | <b>6</b> |

## STRUKTUR KURIKULUM/ CURRICULUM STRUCTURE

**Nama Program** : **Bachelor Sains Pembangunan Manusia dengan Pengurusan/ Bachelor of Human Development Science with Management**

**Jumlah Kredit Bergraduat** : **124 Jam Kredit/ Credit Hours**

**Tempoh Pengajian** : **8 Semester/ Semesters ( 4 Tahun/ Years )**

**Matlamat Program** :

1. Menghasilkan graduan yang kompeten dalam bidang pekerjaan yang berkaitan dengan Sains Pembangunan Manusia dengan Pengurusan
2. Menghasilkan graduan yang berkebolehan menjalankan penyelidikan dalam bidang Sains Pembangunan Manusia dengan Pengurusan.
3. Menghasilkan graduan yang berupaya menjadi pegawai atau pengusaha yang beretika dan berintegriti dalam bidang berkaitan Sains Pembangunan Manusia dengan Pengurusan

### RINGKASAN HASIL PEMBELAJARAN PROGRAM

| Program  | Pengetahaan | Kemahiran Teknikal/<br>Praktikal/ Psikomotor | Pendekatan Kemahiran<br>Berfikir dan Saintifik | Kemahiran Berkomunikasi | Kemahiran Sosial dan<br>Bertanggungjawab | Professionalisme, Nilai,<br>Sikap dan Etika | Pendidikan Sepanjang Hayat<br>dan Pengurusan Informasi | Kemahiran Pengurusan dan<br>Keusahawanan | Kemahiran Kepimpinan |
|--|-------------|--|--|-------------------------|--|---|--|--|----------------------|
|  | P1          | P2   | P3   | P4                      | P5                                       | P6  | P7   | P8                                       | P9                   |
| Bachelor Sains Pembangunan Manusia dengan Pengurusan | 36          | 9  | 17   | 11                      | 7  | 14  | 15   | 5  | 4                    |

#### 1. Kursus Universiti/ University Courses (25 Kredit/ Credits)

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SKP2101                    | Kenegaraan Malaysia/<br>Malaysian Nationhood                                      | 3  | 3 | 0   | Tiada/None                 |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br>Islamic Civilisation and Asian<br>Civilisation | 2  | 2 | 0   | Tiada/None                 |
| SKP2204                    | Hubungan Etnik/<br>Ethnic Relations   | 2  | 2 | 0   | Tiada/None                 |
| FCE3204                    | Kemahiran Berfikir/<br>Thinking Skills  | 2  | 2 | 0   | Tiada/None                 |
| MGM3101                    | Prinsip Pengurusan/<br>Principles of Management                                   | 3  | 3 | 0   | Tiada/None                 |
| MGM3180                    | Asas Keusahawanan/<br>Basic Entrepreneurship                                      | 3  | 2 | 1   | Tiada/None                 |

|         |  |   |   |   |                    |
|---------|--|---|---|---|--------------------|
| PRT2008 | Pertanian dan Manusia/<br><i>Agriculture and Man</i> | 2 | 2 | 0 | Tiada/ <i>None</i> |
| BBI2423 | <i>Academic Interaction and Presentation</i>         | 3 | 2 | 1 | CEL2102            |
| BBI2424 | <i>Academic Writing</i>                              | 3 | 2 | 1 | BBI2423            |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>                     | 1 | 0 | 1 |                    |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>                     | 1 | 0 | 1 |                    |

2. Kursus Major/ *Major Courses* (66 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| FEM3001                           | Pengantar Pembangunan Manusia/<br><i>Introduction to Human Development</i>                                   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3003                           | Kaedah Penyelidikan/<br><i>Research Methods</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3004                           | Statistik Sains Sosial/ <i>Social Science Statistic</i>  | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3101                           | Psikologi Perkembangan: Kanak-kanak dan Remaja/<br><i>Developmental Psychology: Children and Adolescents</i> | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3102                           | Psikologi Perkembangan: Dewasa dan Penuaan/<br><i>Developmental Psychology: Adult and Ageing</i>             | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3104                           | Ekologi Kerja dan Pembangunan Manusia/<br><i>Work Ecology and Human Development</i>                          | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3106                           | Polisi Sosial dan Undang-Undang/<br><i>Social Policy and Law</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3107                           | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>                                      | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3109                           | Ekologi Keluarga dan Keibubapaan/<br><i>Family Ecology and Parenting</i>                                     | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3202                           | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>                           | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3301                           | Etika dan Nilai dalam Pembangunan/<br><i>Ethics and Values in Development</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3312                           | Demografi Sosial/ <i>Social Demography</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3313                           | Sosiologi dan Antropologi Sosial/<br><i>Sociology and Social Anthropology</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3331                           | Pengantar Pembangunan Komuniti/<br><i>Introduction to Community Development</i>                              | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3343                           | Kerja Sosial dan Perkhidmatan Manusia/<br><i>Social Work and Human Services</i>                              | 3  | 2 | 1   | Tiada/ <i>None</i>                |

|         |   |   |   |   |            |
|---------|---|---|---|---|------------|
| FEM4903 | Latihan Industri/ <i>Industrial Training</i>                            | 6 | 0 | 6 | Tiada/None |
| FEM4959 | Disertasi Bacelor/<br><i>Bachelor Dissertation</i>                      | 6 | 0 | 6 | Tiada/None |
| PSP3000 | Ekonomi Keluarga dan Pengguna/<br><i>Family and Consumer Economics</i>  | 3 | 3 | 0 | Tiada/None |
| PSP3301 | Pengurusan Kewangan Isi Rumah/<br><i>Household Financial Management</i> | 3 | 2 | 1 | Tiada/None |
| SKP3501 | Psikologi Sosial/ <i>Social Psychology</i>                              | 3 | 3 | 0 | Tiada/None |

3. **Nota/ Note:** \*Pelajar dikehendaki mengambil 22 kredit (7 kursus) daripada senarai kursus MINOR WAJIB. Manakala 11 kredit (3-4 kursus) boleh dipilih dari mana-mana kursus dalam bidang Pengurusan yang disenaraikan di bawah MINOR PILIHAN/ *Student must take 22 credits (7 courses) from courses listed as COMPULSORY MINOR. Another 11 credits (3 to 4 courses) can be chosen from any courses in the area of management that have been listed under OPTIONAL MINOR*

a. Minor Wajib (22 kredit)/ *Compulsory Minor (choose 22 credits)*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| ACT2111                    | Pengantar Perancangan dan Penggunaan Maklumat Kewangan/<br><i>Introduction to Planning and Use of Financial Information</i> | 3  | 3 | 0   | Tiada/None                 |
| ACT2112                    | Perakaunan Pengenalan/<br><i>Introductory Accounting</i>  | 4  | 3 | 1   | Tiada/None                 |
| ACT3211                    | Pengurusan Kewangan/<br><i>Financial Management</i>   | 3  | 3 | 0   | ACT2112/<br>ACT2114        |
| MGM3111                    | Komunikasi Pentadbiran dan Perniagaan/<br><i>Business And Administrative Communications</i>                                 | 3  | 3 | 0   | MGM3101                    |
| MGM3113                    | Gelagat Organisasi/<br><i>Organizational Behavior</i>   | 3  | 3 | 0   | MGM3101                    |
| MGM3123                    | Pengurusan Sumber Manusia/<br><i>Human Resource Management</i>  | 3  | 3 | 0   | MGM3113                    |
| MGM3211                    | Prinsip Pemasaran/<br><i>Principles of Marketing</i>  | 3  | 3 | 0   | MGM3101                    |

b. Minor Pilihan (Pilih 11 kredit)/ *Optional Minor (choose 11 credits)*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| ACT2131                    | Perakaunan Kos dan Pengurusan/<br><i>Cost And Management Accounting</i>             | 3  | 3 | 0   | ACT 2112                   |
| ECN3010                    | Prinsip Ekonomi/<br><i>Principles of Economics</i>                                  | 3  | 3 | 0   | Tiada/None                 |
| ECN3103                    | Mikroekonomi/<br><i>Microeconomics</i>  | 3  | 3 | 0   | ECN3010                    |
| ECN3104                    | Makroekonomi/<br><i>Macroeconomics</i>  | 3  | 3 | 0   | ECN3010                    |
| MGM3163                    | Teknik Kuantitatif untuk Perniagaan/<br><i>Quantitative Techniques for Business</i> | 4  | 3 | 1   | Tiada/None                 |

|         |  |   |   |   |   |
|---------|--|---|---|---|---|
| MGM3351 | Undang-Undang Komersil/<br><i>Commercial Law</i>                                   | 3 | 3 | 0 | Tiada/ <i>None</i>                              |
| MGM4136 | Isu Semasa Pengurusan/<br><i>Current Issues In Management</i>                      | 3 | 3 | 0 | Tiada/ <i>None</i>                              |
| MGM4137 | Dasar Sosial Korporat/<br><i>Corporate Social Policy</i>                           | 3 | 3 | 0 | Pelajar Tahun Akhir/ <i>Final Year Students</i> |
| MGM4139 | Pengurusan Strategi/<br><i>Strategic Management</i>                                | 3 | 3 | 0 | Pelajar Tahun Akhir/ <i>Final Year Students</i> |
| MGM4148 | Pengurusan Operasi dan Pengeluaran/<br><i>Production and Operations Management</i> | 3 | 3 | 0 | MGM3163   |
| MGM4154 | Pengurusan Perniagaan Antarabangsa/<br><i>International Business Management</i>    | 3 | 3 | 0 | MGM 3211 & ACT 3211                             |
| BB-XXX  | Bahasa Asing (Global)/ <i>Global language</i>                                      | 3 | 2 | 1 |   |

Nota/ Notes : Kr = Jam Kredit/ *Credit Hour*, K = Kuliah/ *Lecture*, A = Amali/ *Laboratory*, T = Tutorial

**Nota Penting/ Important Notes :**

1. Pelajar diwajibkan memilih **2 kredit** daripada **kursus kokurikulum** yang ditawarkan oleh universiti/ *It is compulsory for students to take 2 credits of co-curriculum courses offered by the university*
2. Pelajar perlu melengkapkan pakej keperluan bahasa inggeris seperti jadual di bawah :  
(Butiran lanjut mengenai CEL dan LAX sila rujuk muka surat 3 dalam buku panduan ini)  
*Students need to complete the english package as the table below: For more details on CEL and LAX please refer page 3 in this book.*

| MUET Band | TOEFL/IELTS Score                  | CIEP Level | Graduation Requirements for 4-year programmes   |
|-----------|------------------------------------|------------|---|
| 1 & 2     | -                                  | 107        | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4     | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109  | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6     | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -          | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

**SKEMA PENGAJIAN/ STUDY SCHEME**TAHUN 1/ 1<sup>ST</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| ACT2111                    | Pengantar Perancangan dan Penggunaan Maklumat Kewangan/ <i>Introduction to Planning and Use of Financial Information</i> | 3         | 3         | 0        |
| FEM3001                    | Pengantar Pembangunan Manusia/ <i>Introduction to Human Development</i>  | 3         | 3         | 0        |
| FEM3101                    | Psikologi Perkembangan: Kanak-kanak dan Remaja/ <i>Developmental Psychology: Children and Adolescents</i>                | 3         | 2         | 1        |
| FEM3312                    | Demografi Sosial/ <i>Social Demography</i>   | 3         | 3         | 0        |
| FEM3331                    | Pengantar Pembangunan Komuniti/ <i>Introduction to Community Development</i>   | 3         | 3         | 0        |
| MGM3101                    | Prinsip Pengurusan/ <i>Principles of Management</i>  | 3         | 3         | 0        |
| QKXxxxx                    | Kokurikulum/ <i>Cocurriculum</i>   | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>19</b> | <b>17</b> | <b>2</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| ACT2112                    | Perakaunan Pengenalan/ <i>Introductory Accounting</i>                      | 4         | 3         | 1        |
| BBI2423                    | <i>Academic Interaction and Presentation</i>                               | 3         | 2         | 1        |
| FCE3204                    | Kemahiran Berfikir/ <i>Thinking Skills</i>                                 | 2         | 2         | 0        |
| FEM3109                    | Ekologi Keluarga dan Keibubapaan/ <i>Family Ecology and Parenting</i>      | 3         | 3         | 0        |
| FEM3313                    | Sosiologi dan Antropologi Social/ <i>Sociology and Social Anthropology</i> | 3         | 3         | 0        |
| PSP3301                    | Pengurusan Kewangan Isi Rumah/ <i>Household Financial Management</i>       | 3         | 2         | 1        |
| QKXxxxx                    | Kokurikulum/ <i>Cocurriculum</i>   | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>19</b> | <b>15</b> | <b>4</b> |

TAHUN 2/ 2<sup>ND</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| BBI2424                    | <i>Academic Writing</i>  | 3         | 2         | 1        |
| FEM3102                    | Psikologi Perkembangan: Dewasa dan Penuaan/<br><i>Developmental Psychology: Adult and Ageing</i> | 3         | 3         | 0        |
| FEM3106                    | Polisi Sosial dan Undang-Undang/<br><i>Social Policy and Law</i>                                 | 3         | 3         | 0        |
| FEM3107                    | Penasihat dan Kaunseling Asas/<br><i>Basic Advising and Counselling</i>                          | 3         | 2         | 1        |
| FEM3343                    | Kerja Sosial dan Perkhidmatan Manusia/<br><i>Social Work and Human Services</i>                  | 3         | 2         | 1        |
| PSP3000                    | Ekonomi Keluarga dan Pengguna/<br><i>Family and Consumer Economics</i>                           | 3         | 3         | 0        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>18</b> | <b>15</b> | <b>3</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3004                    | Statistik Sains Sosial/<br><i>Social Science Statistic</i>                          | 3         | 2         | 1        |
| FEM3104                    | Ekologi Kerja dan Pembangunan Manusia/<br><i>Work Ecology and Human Development</i> | 3         | 3         | 0        |
| FEM3202                    | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>  | 3         | 2         | 1        |
| MGM3113                    | Gelagat Organisasi/<br><i>Organizational Behavior</i>                               | 3         | 3         | 0        |
| SKP2101                    | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>                                 | 3         | 3         | 0        |
| SKP3501                    | Psikologi Sosial/<br><i>Social Psychology</i>                                       | 3         | 3         | 0        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>16</b> | <b>2</b> |

TAHUN 3/ 3<sup>RD</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T |
|----------------------------|---|----|---|-----|
| ACT3211                    | Pengurusan Kewangan/<br><i>Financial Management</i>                                     | 3  | 3 | 0   |
| FEM3003                    | Kaedah Penyelidikan/<br><i>Research Method</i>  | 3  | 3 | 0   |
| MGM3111                    | Komunikasi Pentadbiran Perniagaan/<br><i>Business and Administrative Communications</i> | 3  | 2 | 1   |

|                      |   |           |           |          |
|----------------------|---|-----------|-----------|----------|
| MGM3180              | Asas Keusahawanan/<br><i>Basic Entrepreneurship</i>                                   | 3         | 2         | 1        |
| SKP2203              | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian Civilisation</i> | 2         | 2         | 0        |
| <b>JUMLAH/ TOTAL</b> |   | <b>14</b> | <b>13</b> | <b>1</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3301                    | Etika dan Nilai dalam Pembangunan/<br><i>Ethics and Values in Development</i> | 3         | 3         | 0        |
| FEM4959A                   | Disertasi Bacelor/ <i>Bachelor Dissertation</i>                               | 3         | 0         | 3        |
| MGM3123                    | Pengurusan Sumber Manusia/<br><i>Human Resource Management</i>                | 3         | 3         | 0        |
| MGM3211                    | Prinsip Pemasaran/<br><i>Principles of Marketing</i>                          | 3         | 3         | 0        |
| PRT2008                    | Pertanian dan Manusia/<br><i>Agriculture and Man</i>                          | 2         | 2         | 0        |
| SKP2204                    | Hubungan Etnik/ <i>Ethnic Relations</i>                                       | 2         | 2         | 0        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>16</b> | <b>13</b> | <b>3</b> |

TAHUN 4/ 4<sup>TH</sup> SEMESTER

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                     | Kr        | K | A/T |
|----------------------------|---|-----------|---|-----|
| FEM4959B                   | Disertasi Bacelor/ <i>Bachelor Dissertation</i> | 3         | 0 | 3   |
|                            | 3-4 Kursus Minor/ <i>Minor Courses</i>          | 11        |   |     |
| <b>JUMLAH/ TOTAL</b>       |   | <b>14</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                  | Kr       | K        | A/T      |
|----------------------------|--|----------|----------|----------|
| FEM4901                    | Latihan Industri/ <i>Industrial Training</i> | 6        | 0        | 6        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>6</b> | <b>0</b> | <b>6</b> |

## STRUKTUR KURIKULUM/ CURRICULUM STRUCTURE

|                                 |   |
|---------------------------------|---|
| <b>Nama Program</b>             | : <b>Bachelor Sains Pembangunan Manusia dengan Teknologi Maklumat/ Bachelor of Human Development Science with Information Technology</b>  |
| <b>Jumlah Kredit Bergraduat</b> | : <b>124 Jam Kredit/ Credit Hours</b>   |
| <b>Tempoh Pengajian</b>         | : <b>8 Semester/ Semesters ( 4 Tahun/ Years )</b>   |
| <b>Matlamat Program</b>         | : <ol style="list-style-type: none"> <li>1. Menghasilkan graduan yang kompeten dalam bidang pekerjaan yang berkaitan dengan Sains Pembangunan Manusia dengan Teknologi Maklumat</li> <li>2. Menghasilkan graduan yang berkebolehan menjalankan penyelidikan dalam bidang Sains Pembangunan Manusia dengan Teknologi Maklumat</li> <li>3. Menghasilkan graduan yang berupaya menjadi pegawai atau pengusaha yang beretika dan berintegriti dalam bidang berkaitan Sains Pembangunan Manusia dengan Teknologi Maklumat</li> </ol> |

## RINGKASAN HASIL PEMBELAJARAN PROGRAM

| Program  | Pengetahuan | Kemahiran Teknikal/<br>Praktikal/ Psikomotor | Pendekatan Kemahiran<br>Berfikir dan Saintifik | Kemahiran Berkomunikasi | Kemahiran Sosial dan<br>Bertanggungjawab | Professionalisme, Nilai,<br>Sikap dan Etika | Pendidikan Sepanjang Hayat<br>dan Pengurusan Informasi | Kemahiran Pengurusan dan<br>Keusahawanan | Kemahiran Kepimpinan |
|--|-------------|--|--|-------------------------|--|---|--|--|----------------------|
|  | P1          | P2   | P3   | P4                      | P5                                       | P6  | P7   | P8                                       | P9                   |
| Bachelor Sains Pembangunan Manusia dengan Teknologi Maklumat | 36          | 14   | 15   | 9                       | 8  | 12  | 15   | 4  | 4                    |

### 1. Kursus Universiti/ University Courses ( 25 Kredit/ Credits)

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SKP2101                    | Kenegaraan Malaysia/<br>Malaysian Nationhood                                      | 3  | 3 | 0   | Tiada/None                 |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br>Islamic Civilisation and Asian<br>Civilisation | 2  | 2 | 0   | Tiada/None                 |
| SKP2204                    | Hubungan Etnik/ Ethnic Relations  | 2  | 2 | 0   | Tiada/None                 |
| FCE3204                    | Kemahiran Berfikir/ Thinking Skills   | 2  | 2 | 0   | Tiada/None                 |
| MGM3101                    | Prinsip Pengurusan/<br>Principles of Management                                   | 3  | 3 | 0   | Tiada/None                 |
| MGM3180                    | Asas Keusahawanan/<br>Basic Entrepreneurship                                      | 3  | 2 | 1   | Tiada/None                 |

|         |  |   |   |   |                    |
|---------|--|---|---|---|--------------------|
| PRT2008 | Pertanian dan Manusia/<br><i>Agriculture and Man</i> | 2 | 2 | 0 | Tiada/ <i>None</i> |
| BBI2423 | <i>Academic Interaction and Presentation</i>         | 3 | 2 | 1 | CEL2102            |
| BBI2424 | <i>Academic Writing</i>                              | 3 | 2 | 1 | BBI2423            |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>                     | 1 | 0 | 1 |                    |
| QKXxxxx | Kokurikulum/ <i>Cocurriculum</i>                     | 1 | 0 | 1 |                    |

2. Kursus Major/ *Major Courses* (66 Kredit/ *Credits*)

| KOD KURSUS/<br><i>COURSE CODE</i> | NAMA KURSUS/<br><i>COURSE NAME</i>   | Kr | K | A/T | PRASYARAT/<br><i>PREREQUISITE</i> |
|-----------------------------------|--|----|---|-----|-----------------------------------|
| FEM3001                           | Pengantar Pembangunan Manusia/<br><i>Introduction to Human Development</i>                                   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3003                           | Kaedah Penyelidikan/<br><i>Research Method</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3004                           | Statistik Sains Sosial/ <i>Social Science Statistic</i>  | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3101                           | Psikologi Perkembangan: Kanak-Kanak dan Remaja/<br><i>Developmental Psychology: Children and Adolescents</i> | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3102                           | Psikologi Perkembangan: Dewasa dan Penuaan/ <i>Developmental Psychology: Adult and Ageing</i>                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3104                           | Ekologi Kerja dan Pembangunan Manusia/ <i>Work Ecology and Human Development</i>                             | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3106                           | Polisi Sosial dan Undang-Undang/<br><i>Social Policy and Law</i>   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3107                           | Penasihat dan Kaunseling Asas /<br><i>Basic Advising and Counselling</i>                                     | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3109                           | Ekologi Keluarga dan Keibubapaan/ <i>Family Ecology and Parenting</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3202                           | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>                           | 3  | 2 | 1   | Tiada/ <i>None</i>                |
| FEM3301                           | Etika dan Nilai dalam Pembangunan/ <i>Ethics and Values in Development</i>                                   | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3312                           | Demografi Sosial/<br><i>Social Demography</i>  | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3313                           | Sosiologi dan Antropologi Sosial/<br><i>Sociology and Social Anthropology</i>                                | 3  | 3 | 0   | Tiada/ <i>None</i>                |
| FEM3331                           | Pengantar Pembangunan Komuniti/<br><i>Introduction to Community Development</i>                              | 3  | 3 | 0   | Tiada/ <i>None</i>                |

|         |  |   |   |   |            |
|---------|--|---|---|---|------------|
| FEM3343 | Kerja Sosial dan Perkhidmatan Manusia/ <i>Social Work and Human Services</i> | 3 | 2 | 1 | Tiada/None |
| FEM4903 | Latihan Industri/ <i>Industrial Training</i>                                 | 6 | 0 | 6 | Tiada/None |
| FEM4959 | Disertasi Bacelor/ <i>Bachelor Dissertation</i>                              | 6 | 0 | 6 | Tiada/None |
| PSP3000 | Ekonomi Keluarga dan Pengguna/ <i>Family and Consumer Economics</i>          | 3 | 3 | 0 | Tiada/None |
| PSP3301 | Pengurusan Kewangan Isi Rumah/ <i>Household Financial Management</i>         | 3 | 2 | 1 | Tiada/None |
| SKP3501 | Psikologi Sosial/ <i>Social Psychology</i>                                   | 3 | 3 | 0 | Tiada/None |

### 3. Kursus Minor

Nota/Note: Pelajar dikehendaki mengambil 23 kredit (7 kursus) daripada senarai kursus MINOR WAJIB. Manakala 10 kredit (3-4 kursus) boleh dipilih dari mana-mana kursus dalam bidang Teknologi Maklumat yang disenaraikan di bawah MINOR PILIHAN/ *Student must take 23 credits (7 courses) from courses listed as COMPULSORY MINOR. Another 10 credits (3 to 4 courses) can be chosen from any courses in the area of information technology that have been listed under OPTIONAL MINOR.*

#### a. Minor Wajib/ *Compulsory Minor (23 kredit/ credits)*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SKR3200                    | Komunikasi dan Rangkaian Komputer/ <i>Communication and Computer Network</i>            | 3  | 3 | 0   | Tiada/None                 |
| SSE3001                    | Pengenalan kepada Kejuruteraan Perisian/<br><i>Introduction to Software Engineering</i> | 3  | 3 | 0   | SSK 3101                   |
| SSE3150                    | Pembangunan Aplikasi Web/<br><i>Web Application Development</i>                         | 3  | 2 | 1   | SSK 3101                   |
| SSE4300                    | Pengurusan Projek Perisian/<br><i>Software Project Management</i>                       | 3  | 3 | 0   | SSE3301/SSE3001            |
| SSK3003                    | Struktur Diskret/ <i>Discrete Structures</i>  | 3  | 3 | 0   | Tiada/None                 |
| SSK3100                    | Pengaturcaraan Komputer I/<br><i>Computer Programming I</i>                             | 4  | 3 | 1   | Tiada/None                 |
| SSK3101                    | Pengaturcaraan Komputer II/<br><i>Computer Programming II</i>                           | 4  | 3 | 1   | SSK 3100                   |

#### b. Minor Pilihan/ *Optional Minor (10 kredit/ credits)*

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                               | Kr | K | A/T | PRASYARAT/<br>PREREQUISITE |
|----------------------------|---|----|---|-----|----------------------------|
| SIM4200                    | Sistem Maklumat/<br><i>Information Systems</i>            | 3  | 3 | 0   | SSK3101                    |
| SIM4207                    | Etika dalam Pengkomputeran/<br><i>Ethics in Computing</i> | 3  | 3 | 0   | SSK3100                    |

|         |  |   |   |   |                        |
|---------|--|---|---|---|------------------------|
| SIM4208 | Perdagangan Elektronik/<br><i>Electronic Commerce</i>  | 3 | 3 | 0 | SSE3150                |
| SKM2300 | Pengenalan Kepada Multimedia/<br><i>Introduction to Multimedia</i>                             | 3 | 2 | 1 | Tiada/ <i>None</i>     |
| SKM3300 | Pembangunan Aplikasi Multimedia/<br><i>Multimedia Application Development</i>                  | 3 | 2 | 1 | SSK3100                |
| SKR4307 | Aplikasi Bergerak/<br><i>Mobile Application</i>  | 3 | 2 | 1 | SKR3200                |
| SKR4404 | Pengkomputeran Awan/<br><i>Cloud Computing</i>   | 3 | 3 | 0 | SKR3200                |
| SSE3202 | Interaksi Manusia-Komputer/<br><i>Human-Computer Interaction</i>                               | 3 | 3 | 0 | SSK3101                |
| SSK3118 | Struktur Data dan Algoritma/<br><i>Data Structures and Algorithms</i>                          | 3 | 3 | 0 | SSK3101                |
| SSK3207 | Organisasi Komputer dan Bahasa Himpunan/<br><i>Computer Organization and Assembly Language</i> | 3 | 3 | 0 | SSK 3100               |
| SSK3313 | Sistem Pengoperasian/<br><i>Operating System</i>   | 3 | 2 | 1 | SSK3207                |
| SSK3408 | Pembangunan Aplikasi Pangkalan Data/<br><i>Database Application Development</i>                | 4 | 3 | 1 | SSK 3101               |
| SSK4401 | Sistem Pengkalan Data/<br><i>Database Systems</i>  | 3 | 3 | 0 | SSK 3118 &<br>SSK 3408 |
| SSK4505 | Keselamatan Sistem Komputer/<br><i>Computer System Security</i>                                | 3 | 3 | 0 | SSK 3313               |
| BBXXXX  | Bahasa Asing (Global)/<br><i>Global Language</i>   | 3 | 2 | 1 | Tiada/ <i>None</i>     |

Nota/ Notes : Kr = Jam Kredit/ *Credit Hour*, K = Kuliah/ *Lecture*, A = Amali/ *Laboratory*, T = Tutorial

**Nota Penting/ Important Notes :**

1. Pelajar diwajibkan memilih **2 kredit** daripada **kursus kokurikulum** yang ditawarkan oleh universiti/ It is compulsory for students to take **2 credits of co-curriculum courses** offered by the university
2. Pelajar perlu melengkapkan pakej keperluan bahasa inggeris seperti jadual di bawah :  
(Butiran lanjut mengenai CEL dan LAX sila rujuk muka surat 3 dalam buku panduan ini)  
*Students need to complete the english package as the table below: For more details on CEL and LAX please refer page 3 in this book.*

| MUET Band | TOEFL/IELTS Score                  | CIEP Level | Graduation Requirements for 4-year programmes   |
|-----------|------------------------------------|------------|---|
| 1 & 2     | -                                  | 107        | 3 BBI + 3 CEL + 24 LAX points   |
| 3 & 4     | TOEFL 500 - 599<br>IELTS 5.5 - 6.5 | 108 – 109  | 2 BBI + 2 CEL + 24 LAX points   |
| 5 & 6     | TOEFL 600 - 677<br>IELTS 7.0 - 9.0 | -          | 2 BBI + 1 CEL + 24 LAX points OR<br>1 BBI + 1 CEL + 24 LAX points<br>(with global language) |

**SKEMA PENGAJIAN/ STUDY SCHEME**TAHUN 1/ 1<sup>ST</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|--|-----------|-----------|----------|
| FEM3001                    | Pengantar Pembangunan Manusia/<br><i>Introduction to Human Development</i>                                   | 3         | 3         | 0        |
| FEM3101                    | Psikologi Perkembangan: Kanak-Kanak dan Remaja/<br><i>Developmental Psychology: Children and Adolescents</i> | 3         | 2         | 1        |
| FEM3312                    | Demografi Sosial/<br><i>Social Demography</i>  | 3         | 3         | 0        |
| FEM3331                    | Pengantar Pembangunan Komuniti/<br><i>Introduction to Community Development</i>                              | 3         | 3         | 0        |
| MGM3101                    | Prinsip Pengurusan/<br><i>Principles of Management</i>   | 3         | 3         | 0        |
| SKP2101                    | Kenegaraan Malaysia/<br><i>Malaysian Nationhood</i>  | 3         | 3         | 0        |
| QKXXX                      | Kokurikulum/<br><i>Cocurriculum</i>  | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |  | <b>19</b> | <b>17</b> | <b>2</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| BBI2423                    | <i>Academic Interaction and Presentation</i>                                    | 3         | 2         | 1        |
| FCE3204                    | Kemahiran Berfikir/<br><i>Thinking Skills</i>                                   | 2         | 2         | 0        |
| FEM3109                    | Ekologi Keluarga dan Keibubapaan/<br><i>Family Ecology and Parenting</i>        | 3         | 3         | 0        |
| FEM3313                    | Sosiologi dan Antropologi Sosial/<br><i>Sociology and Social Anthropology</i>   | 3         | 3         | 0        |
| FEM3343                    | Kerja Sosial dan Perkhidmatan Manusia/<br><i>Social Work and Human Services</i> | 3         | 2         | 1        |
| SSK3003                    | Struktur Diskret/<br><i>Discrete Structures</i>                                 | 3         | 3         | 0        |
| QKXXX                      | Kokurikulum/<br><i>Cocurriculum</i>   | 1         | 0         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>15</b> | <b>3</b> |

TAHUN 2/ 2<sup>ND</sup> YEARSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME  | Kr | K | A/T |
|----------------------------|--|----|---|-----|
| BBI2424                    | <i>Academic Writing</i>  | 3  | 2 | 1   |
| FEM3102                    | Psikologi Perkembangan: Dewasa dan Penuaan/<br><i>Developmental Psychology: Adult and Ageing</i> | 3  | 3 | 0   |

|                      |   |           |           |          |
|----------------------|---|-----------|-----------|----------|
| PRT2008              | Pertanian dan Manusia/<br><i>Agriculture and Man</i>                    | 2         | 2         | 0        |
| PSP3000              | Ekonomi Keluarga dan Pengguna/<br><i>Family and Consumer Economics</i>  | 3         | 3         | 0        |
| PSP3301              | Pengurusan Kewangan Isi Rumah/<br><i>Household Financial Management</i> | 3         | 2         | 1        |
| SSK3100              | Pengaturcaraan Komputer I/<br><i>Computer Programming I</i>             | 4         | 3         | 1        |
| <b>JUMLAH/ TOTAL</b> |   | <b>18</b> | <b>15</b> | <b>3</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/ COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3104                    | Ekologi Kerja dan Pembangunan Manusia/<br><i>Work Ecology and Human Development</i> | 3         | 3         | 0        |
| FEM3106                    | Polisi Sosial dan Undang-Undang/<br><i>Social Policy and Law</i>                    | 3         | 3         | 0        |
| FEM3202                    | Pemakanan, Kesihatan dan Persekitaran/<br><i>Nutrition, Health and Environment</i>  | 3         | 2         | 1        |
| SKP2204                    | Hubungan Etnik/<br><i>Ethnic Relations</i>  | 2         | 2         | 0        |
| SKP3501                    | Psikologi Sosial/<br><i>Social Psychology</i>                                       | 3         | 3         | 0        |
| SSK3101                    | Pengaturcaraan Komputer II/<br><i>Computer Programming II</i>                       | 4         | 3         | 1        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>18</b> | <b>16</b> | <b>2</b> |

TAHUN 3/ 3<sup>RD</sup> YEAR

SEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/ COURSE NAME  | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3003                    | Kaedah Penyelidikan/<br><i>Research Method</i>  | 3         | 3         | 0        |
| FEM3004                    | Statistik Sains Sosial/<br><i>Social Science Statistic</i>                              | 3         | 2         | 1        |
| FEM3107                    | Penasihat dan Kaunseling Asas /<br><i>Basic Advising and Counselling</i>                | 3         | 2         | 1        |
| SKP2203                    | Tamadun Islam dan Tamadun Asia/<br><i>Islamic Civilisation and Asian Civilisation</i>   | 2         | 2         | 0        |
| SKR3200                    | Komunikasi dan Rangkaian Komputer/<br><i>Communication and Computer Network</i>         | 3         | 3         | 0        |
| SSE3001                    | Pengenalan kepada Kejuruteraan Perisian/<br><i>Introduction to Software Engineering</i> | 3         | 3         | 0        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>17</b> | <b>15</b> | <b>2</b> |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME   | Kr        | K         | A/T      |
|----------------------------|---|-----------|-----------|----------|
| FEM3301                    | Etika dan Nilai dalam Pembangunan/<br><i>Ethics and Values in Development</i> | 3         | 3         | 0        |
| FEM4959A                   | Disertasi Bacelor/<br><i>Bachelor Dissertation</i>                            | 3         | 0         | 3        |
| MGM3180                    | Asas Keusahawanan/<br><i>Basic Entrepreneurship</i>                           | 3         | 2         | 1        |
| SSE3150                    | Pembangunan Aplikasi Web/<br><i>Web Application Development</i>               | 3         | 2         | 1        |
| SSE4300                    | Pengurusan Projek Perisian/<br><i>Software Project Management</i>             | 3         | 3         | 0        |
| <b>JUMLAH/ TOTAL</b>       |   | <b>15</b> | <b>10</b> | <b>5</b> |

TAHUN 4/ 4<sup>TH</sup> SEMESTERSEMESTER 1/ 1<sup>ST</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                        | Kr        | K | A/T |
|----------------------------|--|-----------|---|-----|
| FEM4959B                   | Disertasi Bacelor/<br><i>Bachelor Dissertation</i> | 3         | 0 | 3   |
|                            | 3-4 Kursus Minor/<br><i>Minor Courses</i>          | 10        |   |     |
| <b>JUMLAH/ TOTAL</b>       |  | <b>13</b> |   |     |

SEMESTER 2/ 2<sup>ND</sup> SEMESTER

| KOD KURSUS/<br>COURSE CODE | NAMA KURSUS/<br>COURSE NAME                     | Kr       | K | A/T |
|----------------------------|---|----------|---|-----|
| FEM4903                    | Latihan Industri/<br><i>Industrial Training</i> | 6        | 0 | 6   |
| <b>JUMLAH/ TOTAL</b>       |   | <b>6</b> |   |     |

## SINOPSIS KURSUS/ COURSE SYNOPSIS

### Jabatan Muzik/ Department of Music

MZK3001 Psikologi dan Sosiologi Muzik / *Psychology and Sociology of Music* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pengaruh muzik terhadap manusia pada tahap individu dan kelompok. Fokus diberikan kepada kajian hubungan antara muzik dan persekitaran sosio-budaya, serta kesan muzik ke atas nilai dan tingkah laku individu dan kelompok.

*This course covers the influence of music on men at an individual and group levels. Focus is given to the study on the relationship between music and socio-cultural environment, as well as the impact of music on the values and behaviour of individuals and groups*

MZK3002 Muzik dan Perkembangan Kanak-Kanak/ *Music and Child Development* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum potensi muzik dalam memupuk perkembangan kanak-kanak. Kursus ini juga memberi penekanan kepada pendekatan pengajaran dan pembelajaran muzik, pilihan muzik, kesedaran muzik, serta aptitud dan kemahiran muzik dalam pendidikan awal kanak-kanak

*This course covers the potential of music in fostering child development. This course also emphasizes the approaches in teaching and learning music, musical choice, musical awareness as well as musical aptitude and skill in early childhood education*

MZK3004 Kritikan Muzik/ *Music Critism* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kemahiran mendengar secara kritikal, penilaian interpretasi, serta kemahiran penulisan melalui ulasan. Ini juga meliputi pelbagai kaedah penulisan ulasan untuk berbagai-bagai jenis genre muzik.

*This course covers critical listening skills, evaluation of interpretations, as well as writing skills through the construction of reviews. This includes different approaches in review writing for various music genre*

MZK3005 Apresiasi Jazz/ *Jazz Appreciation* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum muzik jaz, era jaz seperti *ragtime, blues, swing, dixieland, bebop, cool jazz, free jazz, fusion, neo-classicism* dan *bebop* moden, era pasca modernisme dan jaz *new wave*. Kursus ini juga memberi fokus kepada perkembangan lapan peringkat jaz dan individu-individu terpenting dalam muzik jaz mengikut alat yang dimainkan serta sumbangan mereka terhadap budaya jaz

*This course covers the jazz music, jazz eras such as ragtime, blues, swing, dixieland, bebop, cool jazz, free jazz, fusion, neo-classicism and modern bebop, post modernism era and new wave jazz. The course also focuses on the eight stages of jazz development and main individuals in jazz by this instrument and contributions to jazz culture*

MZK3010 Kemahiran Penulisan Muzik/ *Music Writing Skills* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum prinsip, format dan gaya yang digunakan dalam penulisan untuk muzik. Penulisan dalam pelbagai bentuk dan pembentangan adalah ditekankan

*This course covers the principles, format and style used in writing for music. Writing in various forms and presentation are emphasized*

MZK3011 Budaya Muzik Dunia/ *Music Cultures of the World* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pelbagai tradisi muzik yang wujud di dunia serta hubungan dinamikanya dengan budaya sesuatu masyarakat. Apresiasi pelbagai sistem nilai estetika dalam tradisi muzik diberi penekanan.

*This course covers the diverse music traditions existing in the world and its dynamic relation with a society's culture. Appreciation to various aesthetic values systems embedded in music traditions is emphasized*

MZK3012 Warisan Muzik Tanah Air/ *Music Heritage of the Country* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pemahaman pelbagai genre muzik yang traditional terdapat di Malaysia. Apresiasi dalam pelbagai nilai estetika dalam muzik tradisi diberi penekanan

*This course covers the understanding of diverse traditional musics existing in Malaysia. Appreciation to various aesthetic value systems embedded in music traditions is emphasized*

MZK3013 Pengenalan kepada Terapi Muzik/ *Introduction to Music Therapy* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum peranan dan fungsi muzik dalam konteks terapi. Penumpuan akan diberikan kepada prinsip serta teknik asas terapi muzik mengikut pelbagai populasi, aplikasi prinsip dan teknik terapi muzik, rawatan fizikal, rawatan keperluan kumpulan istimewa serta keperluan peribadi ahli terapi muzik.

*This course covers the role and function of music within the therapeutic context. Focus is given to basic principles and techniques of music therapy according to various populations, the application of music therapy principles and techniques, physical treatment, special needs treatment as well as the personal needs of the music therapist*

MZK3103 Muzik dalam Pendidikan Khas/ *Music in Special Education* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum peranan dan fungsi muzik dalam konteks muzik dalam pendidikan khas melalui pendekatan terapi muzik dan pendidikan muzik. Tumpuan diberikan kepada penghayatan evolusi latar belakang sejarah dan sosial falsafah dan prinsip pendidikan khas, teknik asas muzik terhadap pelbagai populasi pendidikan khas, serta pengalaman merancang aktiviti muzik inklusif dalam komuniti

*This course covers the role and function of music in the context of special education through various music therapy and music education approaches. Focus is given to understanding the evolution of historical and social philosophies and principles underpinning special education, basic music techniques according to various population of special needs, as well as experience organizing inclusive music activities within the community*

MZK3120 Bahasa Muzik I/ *Musical Language I* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pemahaman konsep harmoni fungsian dalam penggunaan pic, tangga nada,

bentuk melodi, ritma, pembahagian ritma, rangkai lagu dan harmoni. Kemahiran menggunakan harmoni fungsian yang mudah, serta bentuk muzik asas, ubahsuaian, pelbagai jenis kord, dan tekstur asas juga diberi penekanan.

*This course covers the understanding of concepts in function harmony using pitch, scales, melodic shape, rhythm, rhythmic divisions, phrasing and harmony. The skills of using simple harmony, basic musical form, modulation, various types of chords, and basic texture are also emphasized*

MZK3121 Bahasa Muzik II/ *Musical Language II* 3 (2+1)

Prasyarat / *Pre-Requisite*: MZK3120

Kursus ini merangkum kemahiran lanjutan dalam penggunaan harmoni fungsional untuk pembacaan skor, gubahan untuk koir, gubahan untuk kumpulan kamar dan analisis komposisi.

*This course covers the advanced skills in using functional harmony for score reading, choral arrangement, arranging for ensemble and analysis of compositions*

MZK3123 Asas Komposisi/ *Basic Composition* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kemahiran asas dalam komposisi termasuk penulisan melodi, gerak gaya imbang dan rekabentuk polifoni. Komposisi yang melibatkan elemen muzik silang budaya juga diberi penekanan.

*This course covers the basic skills in composition which include melody writing, counterpoint and polyphonic design. Composition applying cross cultural musical elements is also emphasized*

MZK3124 Gubahan Muzik/ *Orchestration* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pengetahuan tentang ciri-ciri alat muzik orkestra dan kaedah gubahan muzik. Teknik gubahan orkestra seperti julat, ciri tonal, kegunaan lazim alat dan kombinasi alat yang berkesan diberi penekanan

*This course covers knowledge on characteristics of orchestral instrument and methods of orchestration. Orchestral techniques such as range, tonal characteristics, common usage of instrument and effective instrumental combinations are emphasized*

MZK3125 Bahasa Muzik Semasa/ *Contemporary Music Language* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kemahiran dalam gubahan muzik semasa yang merangkumi harmoni jaz, ritma kompleks, ritma jaz dan ritma moden. Aspek lanjutan pic, tekstur, *timbre* dan bentuk muzik semasa juga ditekankan

*This course covers skills in contemporary music arrangement that encompasses jazz harmony, complex rhythms, jazz rhythms and modern rhythms. Advanced aspects of pitch, textures, timbre and contemporary musical forms are also emphasized*

MZK3203 Kelaziman Persembahan/ *Performance Practice* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum penelitian skor muzik dari pelbagai era dan gaya serta sejarah perkembangan alat muzik. Perbandingan antara interpretasi bersejarah dan interpretasi moden diberi penekanan.

*This course covers the detailed study of musical scores from various musical eras and styles as well historical development of music instruments. Comparison between historically informed and modern*

*interpretation are emphasized*

MZK3212 Muzik Seni Abad Kedua Puluh dan Kontemporari/ *Twentieth Century and Contemporary Art Music* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perkembangan gaya dan teknik komposisi komposer seni abad kedua puluh dan kontemporari, analisis skor muzik dan penulisan ekstrak muzik

*This course covers the compositional styles and techniques of the twentieth century and contemporary composers, analysis of music score and writing of musical extracts*

MZK3222 Kesedaran Muzik I/ *Music Awareness I* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perkembangan gaya komposisi era muzik zaman pertengahan, *Renaissance*, Baroq dan klasik awal. Kursus ini juga memberi penekanan kepada pengkajian penggunaan pic, harmoni, tekstur, *timbre*, irama dan bentuk melalui analisis skor muzik.

*This course covers the development of compositional style of the middle ages, Renaissance, Baroque and early classical period. The course also emphasizes the study on the usage of pitch, harmony, texture, timbre, rhythm and forms through the analysis of musical score*

MZK3223 Kesedaran Muzik II/ *Music Awareness II* 3 (3+0)

Prasyarat / *Pre-Requisite* : MZK3222

Kursus ini merangkum perkembangan gaya komposisi seni zaman klasik, romantik, abad ke-20 dan semasa. Analisis muzik dari segi penggunaan pic, harmoni, tekstur, *timbre*, irama dan bentuk muzik oleh komposer dari era di atas diberi penekanan.

*This course covers the development of composition style of the classical, romantic, 20th century periods and contemporary. Music analysis from the usage of pitch, harmony, texture, timbre, rhythm and music form by composer from the above eras are emphasized*

MZK3311 Kemahiran Kemuzikan I/ *Musicianship I* 3(2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kemahiran kemuzikan dalam nyanyian langsung, transkripsi muzik dan harmoni kibod, kebolehan asas dalam penguasaan pic dan ritma, dan harmoni

*This course covers musicianship skills in sight singing, music transcription and keyboard harmony, basic abilities in controlling pitch and rhythm, and harmony*

MZK3312 Kemahiran Kemuzikan II/ *Musicianship II* 3(2+1)

Prasyarat / *Pre-Requisite* : MZK3311

Kursus ini merangkum kemahiran lanjutan kemuzikan dalam nyanyian langsung, transkripsi muzik dan harmoni kibod, kebolehan lanjutan dalam penguasaan pic dan ritma, dan harmoni.

*This course covers the advanced musicianship skills in sight singing, music transcription and keyboard harmony, advanced abilities in controlling pitch and rhythm, and harmony*

- MZK3331 Solo Instrumental I/ *Instrumental Solo I* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum kemahiran persembahan repertoire era Baroq atau genre berasaskan improvisasi untuk alat muzik pertama yang merangkum kemahiran teknikal, gaya, dan interpretasi untuk era tersebut. Persembahan dalam bentuk resital ditekankan  
*This course covers the performance skills of repertoire in the Baroque or improvisation based genre for the first study including the technical skills, style and the interpretation in that era. Performance in the form of recital are emphasized*
- MZK3332 Solo Instrumental II/ *Instrumental Solo II* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : MZK3331  
 Kursus ini merangkum kemahiran persembahan repertoire era klasik atau genre berasaskan improvisasi untuk alat muzik pertama yang merangkumi kemahiran teknikal, gaya, dan interpretasi untuk era tersebut. Persembahan dalam bentuk resital ditekankan.  
*This course covers the performance skills of repertoire in the classical era or improvisation based genre for the first study instrument including the technical skills, style and the interpretation in that era. Performance in the form of recital are emphasized*
- MZK3333 Solo Instrumental III/ *Instrumental Solo III* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : MZK3332  
 Kursus ini merangkum kemahiran persembahan repertoire dari era Romantik untuk alat muzik pertama yang merangkumi kemahiran teknikal, gaya, dan interpretasi untuk era tersebut. Persembahan dalam bentuk resital ditekankan.  
*This course covers the performance skills of repertoire in the Romantic era for the first study instrument including the technical skills, style and the interpretation in that era. Performance in the form of recital are emphasized*
- MZK3334 Solo Instrumental IV/ *Instrumental Solo IV* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : MZK3333  
 Kursus ini merangkum kemahiran persembahan repertoire dari abad kedua puluh sehingga era kontemporari atau repertoire muzik eksperimental dan silang genre untuk alat muzik pertama yang merangkumi kemahiran teknikal, gaya, dan interpretasi untuk era tersebut. Persembahan dalam bentuk resital ditekankan  
*This course covers the performance skills of repertoire from the twentieth century until the contemporary era or repertoire of experimental and cross genre music for the first study instrument including the technical skills, style and the interpretation in that era. Performance in the form of recital are emphasized*
- MZK3335 Solo Instrumental V/ *Instrumental Solo V* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : MZK3334  
 Kursus ini merangkum kemahiran lanjutan persembahan lagu-lagu piawai dari repertoire abad ke-20, eksperimental atau silang genre untuk alat muzik pertama yang merangkumi kemahiran teknikal, gaya, dan interpretasi untuk era tersebut. Persembahan dalam bentuk resital ditekankan.  
*This course covers the advanced performance skills of repertoire in the 20<sup>th</sup> century's, experimental or cross genre music for the first study instrument including the technical skills, style and the interpretation in that era. Performance in the form of recital is emphasized*

- MZK3425 Orkestra I/ *Orchestra I* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum kemahiran asas persembahan orkestra berdasarkan repertoire asas yang ditetapkan. Kebolehan dalam menguasai bahagian instrumental tertentu secara individu, bermain secara berkumpulan dan bekerja secara berpasukan diberikan penekanan.  
*This course covers the fundamental skills in orchestra performance based on identified fundamental repertoire. Abilities in mastering the designated instrumental part independently, performing in a group setting and working as a team are emphasized*
- MZK3426 Orkestra II/ *Orchestra II* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : MZK3425  
 Kursus ini merangkum kemahiran lanjutan dalam memberi persembahan orkestra berdasarkan repertoire tahap pertengahan. Kebolehan dalam menguasai bahagian instrumental yang ditetapkan secara berdikari, bermain secara kumpulan dan bekerja berpasukan adalah ditekankan  
*This course covers the advanced skills in performing the orchestra based on identified repertoire at a moderate level. Abilities in mastering the designated instrumental part independently, performing in a group setting and working as a team are emphasized*
- MZK3427 Orkestra III/ *Orchestra III* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : MZK3426  
 Kursus ini merangkum kemahiran dalam memberi persembahan dalam orkestra berdasarkan repertoire lanjutan yang ditetapkan. Kebolehan dalam menguasai bahagian instrumental yang ditetapkan secara bebas, bermain secara kumpulan dan bekerja berpasukan adalah diutamakan  
*This course covers the skills in orchestra performance based on identified repertoire at an advanced level. Abilities in mastering the designated instrumental part independently, performing in a group setting and working as a team are emphasized*
- MZK3428 Orkestra IV/ *Orchestra IV* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : MZK3427  
 Kursus ini merangkum kemahiran lanjutan persembahan orkestra berdasarkan repertoire pada tahap tinggi yang ditetapkan. Kebolehan dalam menguasai bahagian instrumental tertentu secara individu, bermain secara berkumpulan dan bekerja secara berpasukan adalah diberi penekanan.  
*This course covers the skills in performing the orchestra based on identified repertoire at a high level. Abilities in mastering the designated instrumental part independently, performing in a group setting and working as a team are emphasized*
- MZK3436 Koir I/ *Choir I* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum kemahiran asas dalam nyanyian koir berdasarkan repertoire yang ditetapkan. Penekanan juga diberikan kepada kebolehan dalam menguasai bahagian suara tertentu secara individu dan membuat persembahan secara berkumpulan  
*This course covers the fundamental skills in choir singing based on identified repertoire. Emphasis is given to the abilities in mastering the designated vocal part independently and performing in group*

MZK3437 Koir II/ *Choir II* 3 (2+1)

Prasyarat / *Pre-Requisite* : MZK3436

Kursus ini merangkum kemahiran lanjutan dalam persembahan koir berasaskan repertoir pada tahap pertengahan yang ditetapkan. Kebolehan pelajar dalam menguasai bahagian suara yang ditetapkan secara berdikari, menyanyi secara kumpulan dan bekerja berpasukan adalah ditekankan

*This course covers the advanced skills in performing choir based on identified repertoire at a moderate level. Abilities in mastering the designated vocal part independently, performing in group and working as a team are emphasized*

MZK3438 Koir III/ Koir II/ *Choir III* 3 (2+1)

Prasyarat / *Pre-Requisite* : MZK3437

Kursus ini merangkum kemahiran lanjutan dalam memberi persembahan koir berasaskan repertoir yang ditetapkan dalam era Romantik. Kebolehan dalam menguasai bahagian suara yang ditetapkan secara berdikari, menyanyi secara kumpulan dan bekerja berpasukan adalah ditekankan

*This course covers the advanced skills in performing choir based on identified repertoire in the Romantic era. Abilities in mastering the designated vocal part independently, performing in group and working as a team are emphasized*

MZK3439 Koir IV/ *Choir IV* 3 (2+1)

Prasyarat / *Pre-Requisite* : MZK3438

Kursus ini merangkum kemahiran lanjutan dalam nyanyian koir berasaskan repertoir pada tahap tinggi yang ditetapkan. Kebolehan menguasai bahagian suara tertentu secara individu, membuat persembahan secara berkumpulan dan bekerja secara berpasukan diberikan penekanan

*This course covers the advanced skills in choir singing based on identified repertoire at a high level. Abilities in mastering the designated vocal part independently, performing in group and working as a team are emphasized*

MZK3441 Persembahan Ensembel I/ *Ensemble Performance I* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum teknik dan kemahiran persembahan dalam bidang muzik ensembel untuk repertoir asas berasaskan improvisasi. Kursus ini juga menekankan interpretasi repertoir ensembel tersebut

*This course covers the basic technique and performance skills of chamber music or improvisation-based ensemble music. The course also emphasizes the interpretation of chamber music repertoire*

MZK3442 Persembahan Ensembel II/ *Ensemble Performance II* 3 (2+1)

Prasyarat / *Pre-Requisite* : MZK3441

Kursus ini merangkum teknik dan kemahiran persembahan dalam bidang muzik ensembel untuk repertoir pada tahap pertengahan. Kursus ini juga menekankan interpretasi repertoir ensembel tersebut.

*This course covers the technique and performance skills of chamber music for repertoire at a middle level. The course also emphasizes the interpretation of chamber music repertoire*



*This course covers basic MIDI theory, MIDI hardware and software. The course also focuses on control, synchronization, junctions and routings, MIDI slaves, basic digital audio theory, digital sampling systems, digital audio recording, audio compression schemes, various audio software, and combining digital audio and MIDI*

MZK3714 Perisian Sekuenser/ *Sequencing Software* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kemahiran dalam penggunaan perisian komputer untuk komposisi dan gubahan muzik. Penggunaan pelbagai program komputer, penggunaan perisian MIDI dan peranan VSTi untuk pembangunan sekuens komposisi diberi penekanan

*This course covers the skills in using computer software for composition and orchestration. Usage of various computer programs, uses of MIDI software and the role of VSTi's for the development of sequences in composition are emphasized*

MZK3715 Penerbitan Muzik Desktop/ *Desktop Music Publishing* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pembangunan kemahiran dalam penggunaan perisian notasi muzik profesional dan perisian analisis bunyi untuk menghasilkan skor, gubahan muzik dan pemeliharaan audio. Kursus ini juga menumpu kepada pembentukan kemahiran memproses skor, penghasilan reduksi piano dari skor orkestra secara otomatik, penghasilan dokumen data audio dan kemasukan pangkalan data audio.

*This course covers the development of skills in using professional music notation and sound analytical software for score production, orchestration, and audio preservation. This course also focuses on score processing skills, creating automatic piano reductions from orchestral scores, creating audio data documents and creating audio data base entries*

MZK3804 Pengajaran Muzik Praktikal/ *Teaching of Practical Music* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kaedah pengajaran muzik secara individu dan berkumpulan. Masalah pengajaran muzik dalam kumpulan dan cara mengatasinya diberi penekanan.

*This course covers the methods of teaching music in individual and group setting. Problems in group music teaching and solutions to overcome it are emphasized*

MZK3901 Industri Muzik/ *Music Industry* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pengenalan kepada pelbagai kerjaya muzik, perundangan berkaitan dengan hasil muzik, pelbagai jenis kontrak dan pemasaran muzik. Pelbagai kerjaya lain yang berkaitan dengan industri muzik, dan kaitan di antara muzik dengan sektor lain yang berkaitan turut ditekankan

*This course covers the introduction of various careers related to music, laws related to musical output, various types of contract and marketing of music. Various other careers related to the music industry, and the relationship between music with other related sectors will also be emphasized*

MZK3902 Pengurusan Muzik/ *Music Management* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum latihan asas pengurusan dan pentadbiran muzik melalui penghasilan konsert langsung. Persediaan dan penganjuran pelbagai jenis konsert dan penilaian pelan produksi untuk

konsert langsung diberi penekanan.

*This course covers the basic training in music management and administration through the production of live concerts. Preparation and organization of a variety of different concerts and evaluation of the production plan for the live concert are emphasized*

MZK4300 Pengenalan kepada Improvisasi Jaz/ *Introduction to Jazz Improvisation* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pemahaman pelbagai gaya improvisasi muzik jaz. Kemahiran bermain lagu jaz dengan gaya improvisasi juga ditekankan.

*This course covers the understanding scales, regular and irregular time, basic jazz riffs and basic patterns in jazz standards, bebop styles, contemporary styles and improvisation in bebop, blues, modal and free jazz*

MZK4401 Teknik Pimpinan Muzik/ *Conducting Technique* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum teknik pimpinan muzik, interpretasi skor dan kepemimpinan dalam kumpulan muzik.

*This course covers the conducting techniques, score interpretation and leadership in conducting music ensemble*

MZK4800 Penyelidikan dalam Muzik/ *Research in Music* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum jenis sumber, topik, konsep dan pendekatan penyelidikan dalam bidang muzik. Penulisan cadangan penyelidikan diberi penekanan

*This course covers the types of resources, topics, concepts and approaches used in research in music. Writing of research proposal are emphasized*

MZK4903 Latihan Industri/ *Industrial Training* 6 (0+6)

Prasyarat / *Pre-Requisite* : Persetujuan Pensyarah/ *Lecturer's Approval*

Melalui kursus ini, pelajar didedahkan kepada persekitaran kerja yang sebenar di industri/organisasi. Latihan merangkumi aplikasi aspek teori dan praktikal yang telah dipelajari dengan amalan semasa di tempat kerja. Kemahiran menyelesaikan masalah dan komunikasi turut diberi penekanan

*In this course, students will be exposed to real working environment in industries/organizations. Training includes application of the theoretical and practical aspects that have been studied with current practices in the workplace. Problem solving and communication skills are also emphasized*

MZK4949 Projek Bachelor/ *Bachelor Project* 6 (0+6)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aspek perancangan dan pelaksanaan projek. Ini termasuklah pemilihan tajuk, melaksanakan kajian kritis, mereka bentuk dan melaksanakan strategi kerja, mengumpul dan menganalisis data, serta mendokumentasi dan membentangkan hasil projek

*This course covers the aspects of planning and executing project. These include title selection, conducting critical review, designing and performing work strategy, collecting and analysing data, documenting and presenting project output*

MZK4959 Disertasi Bacelor/ *Bachelor Dissertation* 6 (0+6)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum penyediaan cadangan, pelaksanaan dan penulisan saintifik untuk sesuatu projek penyelidikan. Pendekatan saintifik bagi menjana data secara sistematik melalui rekabentuk, pengumpulan dan analisis data yang sesuai diberi penekanan

*This course covers the preparation of proposal, implementation and scientific writing of research project. Scientific approach to generate data systematically through appropriate design, data collection and analysis are emphasized*

MZK4991 Resital Syarahan/ *Lecture Recital* 3 (0+3)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum latihan kemahiran memberi resital syarahan mengenai pengkhususan muzik. Resital Syarahan membincangkan jenis lagu repertoir yang dipilih serta latar belakang dan justifikasi alat muzik yang digunakan.

*This course covers the skill training in presenting lecture recitals based on individual's music specialization. The lecture recital discusses types of repertoire chosen as well as background and justification on the type of instrument used*

### **Jabatan Pengajian Kenegaraan dan Ketamadunan/ Department of Government and Civilisation Studies**

FEM3301 Etika dan Nilai dalam Pembangunan/ *Ethics and Values in Development* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pengenalan konsep dan falsafah etika, moral dan pembangunan, perbandingan teori pembangunan, kedudukan dan peranan etika dan moral, pembangunan seimbang dan bersepadu fizikal, kemanusiaan, sosial dan kerohanian.

*This course covers the introduction of concept and philosophy of ethics, moral and development, comparison of theories of development, positions and roles of moral and ethics, balanced and integrated physical, human, social and spiritual development.*

SKP2101 Kenegaraan Malaysia/ *Malaysian Nationhood* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum sejarah negara, sistem dan organisasi kerajaan serta dasar-dasar negara. Kursus ini juga membahaskan proses pembinaan negara bangsa dan kepentingan patriotisme

*This course covers the nation's history, governments' system and organization as well as national policies. This course also discusses the process of nation building and the significance of patriotism*

SKP2203 Tamadun Islam dan Tamadun Asia/ *Islamic Civilisation and Asian Civilisation* 2 (2+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum ilmu ketamadunan dalam membina masyarakat Malaysia berasaskan prinsip-prinsip tamadun bagi mengamalkan semangat hormat menghormati dan berinteraksi dalam masyarakat pelbagai agama. Pengajian ketamadunan juga berperanan penting dalam pembinaan tamadun Malaysia agar masyarakat peka dengan isu-isu ketamadunan

*This course covers the civilisation studies in building Malaysian society based on civilisation principles*



FEM3101 Psikologi Perkembangan: Kanak-Kanak dan Remaja/ *Developmental Psychology: Children and Adolescents* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum proses pertumbuhan dan perkembangan fizikal, kognitif, sosial dan emosi dari persenyawaan sehingga remaja. Aspek utama setiap peringkat perkembangan termasuk proses dan kesan interaksi kanak-kanak dan remaja dengan persekitaran juga diberi penekanan.

*This course covers the processes of physical, cognitive, social and emotional growth and development from conception through adolescence. Major aspects of each stage of development including the processes and outcomes of interaction between the child and adolescent and the environment are also emphasized*

FEM3102 Psikologi Perkembangan: Dewasa dan Penuaan/ *Developmental Psychology: Adult and Ageing* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum analisis perkembangan dewasa dan penuaan melalui perspektif jangka hayat. Proses perkembangan asas, interaksi dan transaksi proses perkembangan asas dalam konteks sosio-budaya turut dibincangkan.

*This course covers the analysis of adult development and ageing from a life span perspective. Basic developmental processes, interaction and transaction of the basic processes in socio-cultural contexts are also discussed*

FEM3104 Ekologi Kerja dan Pembangunan Manusia/ *Work Ecology and Human Development* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aspek sosial dan psikologikal kerja termasuklah sikap kerja, tingkah laku, emosi, motivasi, semangat kerja, kesihatan dan keselamatan, kesejahteraan pekerja dan kepimpinan dalam organisasi. Tumpuan juga diberikan kepada faktor penentu kepuasan, prestasi dan produktiviti kerja

*This course covers social and psychological aspects of works including work attitude, behaviour, emotions, motivation, work morale, health and safety, worker's wellbeing and leadership in the organisation. Emphasis is also given to determinant of job satisfaction, job performance and productivity*

FEM3105 Tekanan dan Daya Tindak/ *Stress and Coping* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum penelitian ke atas tekanan dan daya tindak dalam kalangan individu. Punca tekanan sepanjang hayat dalam pelbagai konteks, faktor yang mempengaruhi tahap tekanan, sumber dan strategi daya tindak, teknik pengurusan tekanan yang holistik, pengukuran tekanan dan daya tindak serta analisis program pencegahan berkaitan dengan pengurangan tekanan juga diberikan tumpuan

*This course covers the examination of stress and coping among individuals. Stressors across the lifespan in various contexts, factors affecting stress levels, coping resources and strategies, holistic stress management technique, measurements of stress and coping and analysis of prevention programs related to stress reduction are also emphasized*

- FEM3106 Polisi Sosial dan Undang-undang/ *Social Policy and Law* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum pembentukan dan pelaksanaan polisi sosial dalam konteks kebajikan dan keadilan sosial di Malaysia. Respon sistem perundangan dan kehakiman terhadap isu-isu berkaitan polisi sosial turut diberi penekanan  
*This course covers the formation and implementation of social policy in Malaysian context of social welfare and justice. The legal and judiciary's systems responses are also emphasized*
- FEM3107 Penasihat dan Kaunseling Asas/ *Basic Advising and Counselling* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum aplikasi teori, kemahiran dan teknik dalam menjalankan kaunseling individu dan kelompok. Tumpuan diberikan kepada falsafah, prinsip, etika serta kemahiran kaunseling dengan pelbagai fasa kehidupan individu dan populasi berlainan. Kemahiran komunikasi, mengenal pasti masalah, membina matlamat dan strategi penyelesaian masalah turut dibincangkan.  
*This course covers the applications of theories, skills and techniques on individual and group counselling. Emphasis is given on counselling philosophy, principles and ethics as well as skills to work on different facets of individual's life and various populations. Communication skills, problem identification, goals development and problem solving strategy are also discussed*
- FEM3109 Ekologi Keluarga dan Keibubapaan/ *Family Ecology and Parenting* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum kepada keluarga sebagai satu sistem, kitaran hidup keluarga, dinamik dalaman keluarga dan keibubapaan. Cabaran dan isu kehidupan keluarga dan keibubapaan mengikut peringkat perkembangan manusia dibincangkan.  
*This course covers the family as a system, family life course, internal dynamic family and parenting. Challenges and issues according to developmental stages will be discussed.*
- FEM4101 Motivasi dan Pencapaian Manusia/ *Motivation and Human Achievement* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum pelbagai teori motivasi, prinsip dan proses pencapaian, serta perkaitan antara emosi, motivasi dan tingkah laku yang membawa ke arah pencapaian manusia. Aplikasi teori motivasi dalam menjelaskan pencapaian manusia turut dibincangkan  
*This course covers various motivation theories, principles and processes of achievement, as well as the relationship between emotion, motivation and behavior which leads to human achievement. The application of motivation theories in explaining human achievement are also discussed*
- FEM4103 Psikologi Tingkah Laku Sosial dan Interpersonal/ *Psychology of Social and Interpersonal Behaviour* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum analisis tingkah laku sosial dan interpersonal dari perspektif psikologi. Pengaruh hubungan sosial dan interpersonal serta aplikasi psikologi sosial dan kemahiran interpersonal dalam interaksi manusia turut dibincangkan  
*This course covers the analysis of social and interpersonal behaviour from the perspective psychology. The influence of social and interpersonal relationships and the application of social psychology and interpersonal skills in human interaction are also discussed*

FEM4104 Psikopatologi Kanak- Kanak dan Keluarga/ *Psychopathology of Children and Family* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum analisis tingkahlaku abnormal kanak-kanak dan keluarga dengan penekanan ke atas penyebab, akibat dan rawatan. Tumpuan juga diberi kepada peranan individu, keluarga dan masyarakat dalam membantu individu yang mengalami masalah psikopatologi

*This course covers the analysis of abnormal behaviour of the child and family with emphasis on its causes, consequences and treatment. Focus is also given to the role of individual, family and society in assisting individuals with psychopathological problems*

FEM4113 Bimbingan dan Penasihatatan Kerjaya/ *Career Guidance and Advising* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum penganalisan teori perkembangan kerjaya, faktor pengaruh pemilihan kerjaya, proses perancangan kerjaya dan kepuasan kerjaya. Strategi pencarian maklumat dan perancangan program bimbingan kerjaya turut dibincang

*This course covers the analysis of career development theories, factors influencing career choice, the career planning process and career satisfaction. Strategies for career information search and planning of career guidance programs are also discussed*

FEM4115 Penasihatatan Perkahwinan dan Keluarga/ *Marriage and Family Advising* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aplikasi prinsip, pendekatan dan teknik penasihatatan perkahwinan dan keluarga. Penekanan turut diberi kepada kaedah menolong pasangan dan keluarga yang memerlukan nasihat dan bimbingan

*This course covers the application of principles, approaches and techniques in marriage and family advising. Emphasis is given to the methods of helping couple and family that need advising and guidance*

FEM4123 Advokasi Kanak- Kanak dan keluarga/ *Child and Family Advocacy* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perakuan isu hak kanak-kanak, penderaan dan penganiayaan kanak-kanak, juvana delinkuen, buruh kanak-kanak, pemelarian kanak-kanak dan keganasan rumahtangga. Strategi dan pendekatan multi-disiplin yang digunakan oleh pelbagai pihak terlibat dengan advokasi kanak-kanak dan keluarga turut diberi penekanan

*This course covers the acknowledgement of issues pertaining to child abuse and neglect, delinquent juvenile, child labor, child abduction and domestic violence. Strategies and multi-discipline approaches used by various parties dealing with children and family advocacy are also emphasized*

FEM4130 Kurikulum Program Kanak- Kanak Peringkat Awal/ *Curriculum in Early Childhood Programme* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum kajian dan penilaian pelbagai kaedah pengajaran berasaskan prinsip dan falsafah kurikulum untuk kanak-kanak. Perancangan dan pembentukan kurikulum yang sesuai dengan tahap perkembangan kanak-kanak, latihan dalam pembentukan kurikulum kanak-kanak, penjadualan dan penyediaan alat bantu mengajar serta penglibatan dalam aktiviti pengajaran dan pembelajaran kanak-kanak juga turut dibincangkan.

*This course covers the examination and evaluation of various teaching techniques based on the principles and philosophy of the curriculum for children. The planning and developing curriculum appropriate to children's developmental stages, training in curriculum development, schedules and preparation of teaching aid and involvement in children's teaching and learning activities are also discussed*

FEM4132 Perancangan dan Pentadbiran Program Kanak- Kanak Peringkat Awal/  
*Planning and Administration of Early Childhood Programmes* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perkembangan program kanak-kanak peringkat awal dengan memberi tumpuan kepada penubuhan program, pembangunan staf, falsafah dan matlamat, pentadbiran dan pengurusannya. Penekanan turut diberikan kepada organisasi, persekitaran fizikal, perancangan menu serta keperluan pemakanan kanak-kanak, keselamatan dan kesihatan kanak-kanak dalam perancangan program.

*This course covers the development of early childhood programmes with emphasis on the establishment of the programme, staff development, philosophy and goals, administration and management of the programme. Emphasis is also given to the organization, physical environment, menu planning as well as children's nutritional needs, children's safety and health in planning the programme*

FEM4133 Penilaian Perkembangan Kanak- Kanak / *Assessment of Child Development* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum analisis kaedah dan alat pengukuran penilaian perkembangan kanak-kanak dengan memberi tumpuan kepada penggunaan alat pengukurannya. Isu etika dalam menginterpretasi maklumat penilaian termasuk justifikasi pemilihan dan penggunaan sesuatu alat juga turut dibincangkan

*This course covers the utilization of instruments for assessment and measurement from the child development perspective, including observation, formal and informal assessment. Ethical issues in the interpretation of assessment data and the use of a particular instruments are also discussed*

FEM4136 Undang-Undang Keluarga / *Family Law* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pembentukan dan pembubaran perkahwinan orang Islam dan bukan Islam dalam konteks Malaysia. Kesahan dan aspek prosedur perkahwinan dan perceraian; tuntutan sampingan selepas perceraian; penjagaan, pemeliharaan dan nafkah anak turut dibincangkan.

*This course covers the formation and dissolution of marriage of Muslim and non-Muslim in the Malaysian context. The legality and procedural aspects of marriage and divorce; ancillary claims after divorce; guardianship, custody, and maintenance of children are also emphasized.*

**Jabatan Pengurusan Sumber dan Pengajian Pengguna/ Department of Resource Management and Consumer Studies**

FEM3201 Pengurusan dan Pembuatan Keputusan/ *Management and Decision Making* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep, proses dan teknik pengurusan dan pembuatan keputusan dalam penggunaan sumber manusia dan bukan manusia daripada perspektif ekosistem. Penekanan diberi

kepada pembangunan sumber potensi manusia dan kemahiran membuat keputusan ke arah kecemerlangan diri.

*This course covers the concepts, processes, and techniques of management and decision making in the utilisation of human and non human resources from an ecosystem perspective. Emphasis is given to the development of human potential resources and decision making skills towards self-excellence*

FEM3202 Pemakanan, Kesihatan dan Persekitaran/ *Nutrition, Health and Environment* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum prinsip pemakanan dan perkaitannya dengan kesihatan dan persekitaran dalam pelbagai konteks termasuk gaya hidup sihat, impak pembangunan, faktor sosiobudaya, persekitaran fizikal, penyakit dan kaedah untuk mengelakkan faktor risiko penyakit. Kepentingan pembangunan lestari dalam pencegahan dan pengawalan masalah pemakanan, kesihatan dan persekitaran juga diberi penekanan.

*This course covers the principles of nutrition and their interrelationship of health and environment in the context of healthy lifestyle, development impact, socio-culture factor, physical environment, diseases and ways to avoid disease. The importance of sustainable development in the prevention and control of nutritional problem, health and environment is also emphasized*

FEM3205 Pembangunan Perusahaan Keluarga/ *Development of Family Enterprise* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan isu penting dalam pembangunan perusahaan keluarga. Semua domain pembangunan perusahaan keluarga, aktiviti pembangunan inovasi dan kreativiti diberi penekanan

*This course encompasses the concept and important issues in family enterprise development. All domains of family enterprise development, innovation and creativity activities are emphasised*

FEM4204 Modal Insan dan Ekonomi/ *Human Capital and Economy* 3(3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan teori pelaburan modal insan dari pelbagai perspektif. Tumpuan diberikan ke atas pengukuran pembangunan dan pelaburan modal insan dari pendekatan ekonomi klasik dan neo-klasik, termasuk teori pengeluaran isi rumah, teori masa, altruisme dan ekonomi "grant".

*This course covers the concepts and theories from various perspectives of human capital investment. Emphasis is given on the measurement of development and investment of human capital from the classical and neo-classical economics approaches, including the theories of household production, time theory, altruism and grant economy*

FEM4205 Pengurusan Sumber dalam Persekitaran Berubah/ *Resource Management in Changing Environment* 3(3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum faktor yang mendorong kepada perubahan dan kesannya ke atas individu, keluarga, organisasi dan masyarakat. Pelbagai teori perubahan, proses dan pengurusan perubahan turut dibincangkan

*This course covers factors that drive changes and impacts to individual, family, organization and society. Various theories of change, process and management of change are also discussed*

FEM4225 Undang-Undang Buruh dan Perlindungan Pekerja/ *Labour Law and Employees' Protection* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum undang-undang pekerjaan, undang-undang kesatuan sekerja dan undang-undang perhubungan perusahaan, hubungan kontraktual antara majikan dan pekerja dan hubungan kolektif antara majikan dan kesatuan kerja. Isu-isu kontrak perkhidmatan, terma dan syarat pekerjaan, salah laku pekerja, pemecatan pekerja, remedi dan pertikaian perusahaan dan penyelesaiannya turut dibincangkan

*This course covers the laws on employment, trade unions and industrial relations, contractual relationship between employers and employees and collective relationship between employers and trade unions. Issues on contract of employment, terms and conditions of service, employees misconduct, dismissal, remedies and industrial dispute and resolution are also discussed*

PSP3000 Ekonomi Keluarga dan Pengguna/ *Family and Consumer Economics* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum prinsip dan teori ekonomi yang relevan serta aplikasinya ke atas individu/keluarga sebagai pengguna dan pengeluar. Impak faktor ekonomi, psiko-sosial, politik, persekitaran, dasar ekonomi kerajaan dan amalan pasaran ke atas kesejahteraan keluarga dan pengguna juga dibincangkan.

*This course covers the relevant economic principle and theory and its application to individuals/family as consumers and producers. The impact of economic, psycho-social, political, environmental factors, government economics policy and marketing practices on the wellbeing of the family and consumer are also discussed.*

PSP3001 Pengenalan Sains Pengguna/ *Introduction to Consumer Sciences* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum hubungkait dan interaksi peranan pengguna, pengeluar/peniaga dan kerajaan ke arah meningkatkan kesejahteraan pengguna. Konsep utama termasuk keperluan asas dan sekunder pengguna, pembangunan lestari dan masyarakat madani bagi mencapai kehidupan berkualiti serta pengaruh dan hubungkait sistem dalam pasaran turut ditekankan

*This course encompasses the interrelationships and interaction on roles of consumer, marketer/retailer and government in order to enhance consumer wellbeing. Major concepts including consumers' basic and secondary needs, sustainable development and civilized society toward achieving quality in life as well as the influence and interrelations of systems in the market are emphasised*

PSP3002 Kaedah Penyelidikan dalam Sains Pengguna/ *Research Methods in Consumer Sciences* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi keseluruhan proses menjalankan penyelidikan bermula daripada reka bentuk sehinggalah kepada penulisan laporan penyelidikan. Tumpuan diberi kepada falsafah, proses dan aplikasi penyelidikan dalam bidang sains pengguna

*This course covers the entire process of conducting research ranging from design to writing research reports. Focus on the research philosophy, process and application in the field of consumer science*

- PSP3003 Psikologi Pengguna/ *Consumer Psychology* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : PSP3001  
 Kursus ini merangkum psikologi pengguna dalam konteks melahirkan pengguna lestari dan beretika. Konsep dan aspek psikologi pengguna yang mempengaruhi pelbagai proses perlakuan pengguna bermula dari peringkat pemerolehan sehinggalah peringkat pelupusan akan dibincangkan  
*This course encompasses consumer psychology in the context of creating sustainable and ethical consumers. The concept and psychological aspects that affect various processes starting from the acquisition to disposal stages of consumer behavior will be discussed*
- PSP3101 Analisis Masalah Pengurusan dalam Masyarakat/ *Analysis of the Managerial Problems in the Community* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum pengenalan masalah dan krisis pengurusan yang dihadapi oleh sistem dalam masyarakat termasuk individu, keluarga dan organisasi. Analisis faktor penyebab, keupayaan dan kelemahan pengurusan serta penggunaan strategi pengurusan untuk menangani masalah yang dihadapi oleh sistem tersebut turut dibincangkan  
*This course covers identification of managerial problems and crisis faced by systems in the community including individuals, family and organisation. Analysis on the causal factors, potential and the weakness of the management and strategic management to overcome problems faced by those systems are also discussed*
- PSP3201 Perlakuan Pengguna/ *Consumer Behavior* 3 (3+0)  
 Prasyarat/ *Pre-Requisite* : PSP 3000 atau PSP 3001  
 Kursus ini merangkumi konsep dan pendekatan berkaitan dengan perlakuan pengguna yang dibincangkan melalui pendekatan ekonomi, sosial dan psikologikal. Tumpuan turut diberi kepada proses pembuatan keputusan pengguna dan isu semasa berkaitan dengan perlakuan pengguna  
*This course encompasses the concepts and approaches related to consumer behaviour which are discussed through economic, social and psychological approaches. Emphasis is also given on the consumers' decision making process and the current issues related to consumer behavior*
- PSP3202 Perlindungan Pengguna/ *Consumer Protection* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : PSP 3001  
 Kursus ini meliputi konsep, polisi dan program dalam perlindungan pengguna. Hubungan kait antara peranan pengguna, masyarakat, kerajaan, agensi bukan kerajaan dan peniaga/pengeluar serta isu dalam perlindungan pengguna turut dibincangkan  
*This course covers the concept, policy and program in consumer protection. Relationship between the role of consumers, society, government, non-government agencies and businesses as well as consumer protection issues are discussed*
- PSP3203 Ekonomi Pengguna/ *Consumer Economics* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum prinsip dan teori ekonomi yang relevan serta aplikasinya ke atas individu sebagai pengguna di pasaran. Impak faktor ekonomi, sosial, politik, persekitaran, dasar kerajaan dan amalan pasaran ke atas kesejahteraan pengguna juga dibincangkan  
*This course encompasses the relevant economic principle and theory and its application to*

*individual as consumers in marketplace. The impact of economic, social, political, environmental factors, government policy and marketing practices on the wellbeing of the consumers are also discussed*

PSP3204      Ekonomi Keluarga/ *Family Economics*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum analisis fungsi dan matlamat ekonomi keluarga/isi rumah serta aplikasi teori ekonomi bagi menerangkan pilihan rasional perlakuan keluarga/isi rumah sepanjang hayat. Penekanan diberikan kepada analisis impak keputusan ekonomi keluarga/isi rumah terhadap kesejahteraan ahlinya dan generasi masa hadapan serta pengaruh polisi awam terhadap perlakuan keluarga/isi rumah

*This course encompasses analyses of the economic function and goal of a family/household and the application of economic theory to explain rational choice of family/household behavior across life course. Emphasis is given on the analysis of the impact of family/household economic decision on the wellbeing of its members as well as future generation and the influence of public policies on family behaviors*

PSP3205      Gelagat Organisasi dan Pembuatan Keputusan/ *Organisational Behaviour and Decision Making*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aspek pengurusan organisasi yang memberi fokus terhadap gelagat, struktur dan proses membuat keputusan dalam organisasi. Tumpuan juga diberikan kepada aspek saling hubungkait antara kesan gelagat dan proses pembuatan keputusan terhadap kecekapan dan keberkesanan organisasi

*This course covers the aspect of organization management focusing on behaviour, structures and decision making process within the organizations. The course also focuses on the aspects of interrelationship between the effects of behaviour and decision making process towards effectiveness and efficiency of organisations*

PSP3301      Pengurusan Kewangan Isi Rumah/ *Household Financial Management*      3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum topik tentang kepentingan perancangan kewangan, pengurusan pendapatan dan perbelanjaan isi rumah. Tumpuan juga diberi kepada analisis masalah kewangan isi rumah dan kemahiran dalam pilihan penggunaan kredit, simpanan, pelaburan, cukai dan pengurusan risiko isi rumah berdasarkan sistem kewangan konvensional dan Islam

*The course covers the topic on the importance of household financial planning, managing income and expenditure. Focus is also given on the analysis of household financial problems and skills in consumption credits choices, savings, investments and household risks management based on conventional and Islamic systems*

PSP3402      Perumahan dan Petempatan Manusia/ *Housing and Human Settlement*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum isu perumahan yang berkaitan dengan individu, keluarga, komuniti, faktor yang mempengaruhi penempatan manusia termasuk sosio-budaya, ekonomi, politik, psikologi, teknikal dan persekitaran. Keperluan, masalah, polisi perumahan pengguna semasa, peranan agensi kerajaan dan bukan kerajaan dalam menyediakan keperluan perumahan di Malaysia turut diberi penekanan

*This course encompasses the housing issues related to the individual, family, community and factors influencing human settlement which include socio-cultural, economic, politic psychological, technological and environment. Current consumer housing needs, problems, and policies, roles of*

*government and non-government agencies in providing housing needs in Malaysia are also emphasised*

PSP3504      Reka Bentuk dan Persekitaran Pengguna/ *Design and Consumer Environment*      3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi elemen dan prinsip reka bentuk yang berkaitan dengan keperluan asas manusia. Penggunaan dan penghayatan elemen dan prinsip reka bentuk dalam pengekalan dan pembaikan persekitaran dibincangkan. Penekanan turut diberi kepada nilai estetik, proses pengeluaran, persekitaran semulajadi dan rekaan manusia

*This course covers the elements and principles of design related to basic human needs. Application and appreciation of elements and principles of design in conservation and preservation of the environment are discussed. Emphasis is also given on aesthetic values, production process, natural environment and man-made design*

PSP4000      Seminar Sains Pengguna/ *Seminar on Consumer Sciences*      1 (0+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perbincangan dan analisis isu semasa pengguna

*This course encompasses the discussion and analysis on current consumer issues*

PSP4200      Etika Pengguna dan Peniaga/ *Consumer and Business Ethics*      3 (3+0)

Prasyarat / *Pre-Requisite* : PSP3201

Kursus ini merangkum pengenalan kepada konsep dan prinsip etika pengguna dan peniaga serta peranan etika dalam pembentukan keadilan pasaran. Kajian mengenai penipuan dan penyelewengan di pasaran dibincangkan daripada perspektif ekonomi, sosial, budaya, agama, undang-undang dan alam sekitar

*The course encompasses the introduction to the concepts and principles of consumers and business ethics and also the roles of ethics in achieving market fairness. Studies on deception in the market are discussed from the economic, social, culture, religion, laws and environmental protection perspectives*

PSP4201      Undang-Undang Pengguna/ *Consumer Law*      3(3+0)

Prasyarat / *Pre-Requisite* : PSP3202

Kursus ini merangkum definisi dan latarbelakang undang-undang perlindungan pengguna di Malaysia. Penilaian secara khusus terhadap undang-undang berkaitan dengan pelbagai isu pengguna termasuk pengiklanan, perihal dagangan, perumahan, keselamatan makanan, liabiliti produk, jualan langsung, sewa beli, kredit pengguna, e-dagang dan alam sekitar juga dibincangkan

*This course encompasses the definition and background on the laws of consumer protection in Malaysia. Detailed evaluation on the laws related to various consumer issues including advertisement, trade description, housing, food safety, product liability, direct selling, hire-purchase, consumer credit, e-commerce and the environment is also discussed*

PSP4202      Pendayaupayaan Pengguna/ *Consumer Empowerment*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan model pendayaupayaan pengguna serta mengenalpasti peranan individu, peniaga/pengeluar, kerajaan dan pendidikan pengguna dalam mendayaupayakan pengguna. Penilaian terhadap tahap pendayaupayaan pengguna Malaysia turut ditekankan

*This course encompasses the concepts and model of consumer empowerment and identifies the roles of individual, seller/manufacturer, government and consumer education in empowering consumers. Assessment of consumer empowerment level among Malaysian is also emphasized*

PSP4203 Analisis Polisi dan Program Pengguna/ *Analysis of Consumer Policies and Programmes* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan keperluan terhadap polisi pengguna yang menyeluruh untuk memastikan kepentingan pengguna dilindungi. Penekanan diberikan kepada teknik penilaian polisi dan program serta perbandingan polisi pengguna di peringkat antarabangsa

*This course encompasses the concept and the need to have a comprehensive consumer policy to ensure that the interests of consumers are protected. Emphasis is given on the technique of policy and programme evaluation and comparison of consumer policy at international level*

PSP4204 Pengurusan Konflik/ *Conflict Management* 3 (2+1)

Prasyarat / *Pre-Requisite* : PSP3205

Kursus ini merangkum konsep dan kaedah dalam pengurusan konflik, dan kepentingan pengurusan konflik dari perspektif organisasi. Kursus ini memfokus kepada faktor pencetus konflik, penyelesaian masalah, fungsi pengurusan, mengelak dan mengendalikan konflik, serta kepentingan pengurusan konflik, kaedah penyelesaian konflik, peranan mediator dan fungsi komunikasi berkesan

*This course covers the concept and method in conflict management, and it's important from organizational perspective. The course focuses elements that cause conflict, conflict solutions, management function, avoiding and dealing with conflict, and the important of conflict management, method of conflict solutions, mediator roles and effective communication*

PSP4205 Audit Sosial dan Kesejahteraan Pengguna/ *Social Audit and Consumer Well Being* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi kefahaman mengenai konsep, prinsip, proses dan pengukuran dalam audit sosial. Kajian kes dan perbandingan pelaksanaan audit sosial di pelbagai sektor juga dibincangkan

*This course covers the understanding of the concepts, principles, processes and measurement in social audit. Case studies and comparisons of audit social implemented in various sectors are also discussed*

PSP4206 Advokasi Pengguna/ *Consumer Advocacy* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum topik tentang latarbelakang berkaitan advokasi dan menghuraikan secara khusus kaedah dan teknik yang diperlukan di dalam advokasi. Perbandingan kaedah advokasi pengguna dalam aspek alam sekitar, keselamatan produk, kewangan, perumahan, makanan dan kesihatan juga ditekankan

*This course encompasses the topics on relevant background on advocacy and elaborating in detail the method and techniques required in advocacy. The comparative methods of consumer advocacy in environment, product safety, finance, housing, food, and health is also emphasised*

- PSP4302 Penasihat Kewangan/ *Financial Advising* 3 (1+2)  
 Prasyarat / *Pre-Requisite* : PSP3301  
 Kursus ini merangkum analisis amalan dan masalah pengurusan kewangan di pelbagai tahap pendapatan dan kitaran hidup keluarga. Teknik dan strategi pengurusan kewangan di samping menggunakan aplikasi teknik kaunseling dalam menyelesaikan masalah kewangan keluarga dan membantu pengurusan kewangan individu/kewangan keluarga turut ditekankan  
*This course encompasses the analysis of financial management practices and problems at various income levels and different stages of the family life. Financial management techniques and strategies besides the use of application of counseling techniques in solving family financial problems and helping the individual/family financial management are also emphasised*
- PSP4305 Psikologi Wang/ *The Psychology of Money* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum aspek pendekatan psikologi dalam memahami peranan wang dalam kehidupan individu dan keluarga. Penekanan diberi kepada kesan nilai terhadap wang ke atas tingkahlaku kewangan dan pembentukan nilai, sikap dan tingkahlaku terhadap wang di kalangan kanak-kanak dan remaja melalui proses sosialisasi. Analisis praktis pengurusan kewangan dan masalah kewangan di pelbagai tahap pendapatan dan kitaran hidup keluarga serta faktor mempengaruhi turut dibincangkan  
*This course encompasses the psychological approach in understanding the role of money in individuals and families life. Emphasis is given to impact of money value towards money behaviour and the development of money values, attitude and behaviour among children and adolescent through socialization process. Analysis of financial management practices and problems at various income levels and different stages of the family life and factors affecting the practices is also discussed*
- PSP4306 Persaraan dan Perancangan Estet/ *Retirement and Estate Planning* 3 (2+1)  
 Prasyarat / *Pre-Requisite* : PSP3301  
 Kursus ini merangkum proses perancangan estet dan persaraan yang menyeluruh termasuk kepentingan perancangan estet dan persaraan, program, peraturan serta undang-undang berkaitan dengan estet dan persaraan, cukai dan wasiat berkaitan dengan estet  
*This course encompasses the holistic approaches of estate and retirement planning including the importance of planning for estate and retirement, programs, regulations and laws pertaining to estate and retirement, taxation and will of estate*
- PSP4307 Zakat dan Percukaian Individu/ *Zakat and Individual Taxation* 3 (3+0)  
 Prasyarat / *Pre-Requisite* : Tiada/ *None*  
 Kursus ini merangkum polisi, undang-undang dan peraturan percukaian dan zakat. Perbandingan sistem perkhidmatan cukai dan zakat, dan pengiraan zakat dan cukai bagi pelbagai kumpulan pembayar cukai dalam masyarakat turut dibincangkan  
*This course encompasses the policy, laws and regulations related to tax and zakat. Comparison between tax and zakat services system and calculation of tax and zakat among various groups of tax payers in the society are also discussed*
- PSP4308 Pengurusan Risiko Keluarga/ *Family Risk Management* 3(2+1)  
 Prasyarat / *Pre-Requisite* : PSP3301  
 Kursus ini merangkum jenis risiko, kesan risiko ke atas kesejahteraan keluarga dan perbandingan strategi pengurusan risiko keluarga di pasaran dalam sistem konvensional dan Islam. Penilaian keperluan dan pembentukan pelan perlindungan risiko keluarga juga ditekankan

*This course encompasses the types of risks, impact of risk on family well being and comparison of strategies on family risk management in the market from conventional and Islamic systems. Evaluation of needs and development of family risk protection plan is also emphasised*

PSP4309 Simpanan dan Pelaburan Pengguna/ *Consumer Saving and Investment* 3 (2+1)

Prasyarat / *Pre-Requisite* : PSP3301

Kursus ini merangkum teori, model dan prinsip simpanan dan pelaburan keluarga. Tumpuan diberi kepada penilaian kesesuaian produk simpanan dan pelaburan dengan keadaan kewangan keluarga. Analisis tingkahlaku simpanan dan pelaburan keluarga dan faktor yang mempengaruhinya turut ditekankan

*This course encompasses the theory, model and principle of saving and family investment. Emphasis is given on the evaluation of suitability of saving and investment products with the financial situation of the family. Analysis of saving behaviour and family investment and factors influencing financial behaviour is also emphasised*

PSP4310 Kredit Pengguna dan Pengurusan Hutang/ *Consumer Credit and Debt Management* 3(2+1)

Prasyarat / *Pre-Requisite* : PSP3301

Kursus ini merangkum jenis dan sumber kredit pengguna di pasaran termasuk peraturan dan undang-undang kredit. Langkah-langkah pengurusan hutang serta kesan kredit dan hutang ke atas kesejahteraan keluarga turut dibincangkan

*This course encompasses the types and sources of consumer credit in the market including rules and laws of credit. Steps in credit management and the effect of credit and loans on the well being of the family are also discussed*

PSP4311 Pengguna dan Pasaran Kewangan/ *Consumer and Financial Markets* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi topik tentang pelbagai sistem pasaran kewangan (konvensional dan Islam serta tempatan dan global) dengan tumpuan kepada operasi, peraturan, dan undang-undang, peranan institusi dan penguatkuasaan ke atas pasaran. Analisis kesan polisi serta program ke atas kesejahteraan kewangan pengguna turut ditekankan

*The course covers the topic about the various financial systems in the market (conventional and Islamic, also locally and globally) with emphasise on the operation, regulation and laws, roles of institution and enforcement in the market. Analysis of impact of financial policies and programmes on consumer well being is also emphasised*

PSP4401 Psikologi Persekitaran/ *Environmental Psychology* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum analisis tentang transaksi antara individu dengan struktur fizikal sekelilingnya. Ini termasuklah penyelidikan dan amalan yang ditujukan untuk menjadikan bangunan lebih mesra insan dan memperbaiki hubungan antara manusia dengan persekitarannya

*This course encompasses on the analysis of transactions between individual and physical settings surrounding them. It includes research and practices aimed at making building more human friendly and improving human relationship with the environment*

PSP4403      Ekonomi Perumahan/ *Housing Economics*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum prinsip dan teori ekonomi mikro dan makro serta hubungkaitnya terhadap perumahan dan pengguna. Hubungan salingkait di antara pasaran perumahan dan kemampuan pengguna serta implikasi ekonomi perumahan dan praktis pasaran ke atas kesejahteraan pengguna turut ditekankan

*This course encompasses the principle and theory of micro and macro economics and its application to housing and consumer. Inter-relationship between housing market and consumer affordability as well as the implication of housing economics and market practices on the wellbeing of consumer is also emphasised*

PSP4601      Penilaian Barangan dan Perkhidmatan Pengguna/ *Evaluation of Consumer Products and Services*      3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi konsep kualiti, ciri kualiti dan piawaian untuk barangan dan perkhidmatan pengguna. Penekanan diberikan kepada proses pembuatan keputusan, kaedah dan proses penilaian barangan, serta pengukuran kualiti perkhidmatan secara saintifik

*This course covers the concept of quality, characteristics of quality and standardization for consumer products and services. Emphasis is given to the process of decision making, method and process of product evaluation, and also measurement of service quality scientifically*

PSP4602      Keselamatan Produk/ *Product Safety*      3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini meliputi konsep hazard, akta dan piawaian yang berkaitan dengan perlindungan pengguna dan keselamatan produk serta peranan pengguna, kerajaan, agensi bukan kerajaan dan pengeluar dalam aspek keselamatan produk. Penekanan juga diberikan kepada ciri keselamatan produk, teknik ujian, pengurusan produk tarik balik dan kajian kes

*This course covers the concept of hazard, acts and standards related to consumer protection and product safety as well as the roles of consumers, government, non-government agencies and manufacturers in product safety matters. Emphasis is also given on product safety characteristics, testing techniques, management of product recall and case studies*

PSP4604      Ergonomik dan Pengguna/ *Ergonomics and Consumer*      3 (2+1)

Prasyarat / *Pre-Requisite* : PSP3504

Kursus ini merangkum konsep dan prinsip ergonomik serta aplikasi dalam reka bentuk produk. Teknik pengukuran, kaedah penilaian dan proses reka bentuk sesuatu produk turut diberi penekanan

*This course encompasses the concept and principle of ergonomics as well as application in product design. Measurement techniques, evaluation method and process of product design are also emphasized*

PSP4701      Penilaian Makanan Pengguna/ *Consumer Food Evaluation*      3 (2+1)

Prasyarat / *Pre-Requisite* : PSP4601

Kursus ini merangkum prinsip dan amalan penilaian makanan pengguna untuk kajian pasaran, pembentukan produk makanan pengguna, kawalan kualiti dan pemilihan serta penerimaan makanan pengguna. Pendekatan praktikal menggunakan kaedah penilaian makanan dan prosedur statistik turut digunakan untuk menganalisis hasil kajian dan penerimaan makanan pengguna

*This course encompasses the principles and practices of consumer food evaluation for market research, consumer food product development, quality control and consumer food selection and acceptance. A practical approach using food evaluation method and statistical procedures are also used to analyze research results and consumer food acceptance*

PSP4702      Pengurusan Makanan/ *Food Management*      3 (2+1)

Prasyarat / *Pre-Requisite* : FEM3202

Kursus ini meliputi fungsi pengurusan yang berkaitan dengan aspek pengoperasian, pemasaran dan pengurusan sistem perkhidmatan makanan pengguna. Penekanan diberikan kepada pembuatan keputusan dalam pembelian, penyimpanan, penyediaan makanan, pengiraan kos dan harga jualan makanan

*This course covers the management function related to operational, marketing and managerial aspects of consumer food service. Emphasis is given on decision making in food purchasing, storage, preparation, cost calculation and price*

PSP4703      Kualiti dan Keselamatan Makanan/ *Food Quality and Safety*      3 (3+0)

Prasyarat / *Pre-Requisite* : FEM3202

Kursus ini merangkumi prinsip kualiti dan keselamatan dalam makanan dan peranannya dalam mencegah penyakit bawaan makanan. Penekanan turut diberikan kepada pengendalian makanan yang berkualiti dan selamat semasa pembelian, penerimaan, penyimpanan, penyediaan, dan perkhidmatan makanan

*This course encompasses the principles of food quality and safety and its role in prevention of food-borne disease. Emphasis is also given on quality and safe food handling practices during purchasing, receiving, storage, preparation, and food service*

PSP4903      Latihan Industri / *Industrial Training*      6 (0+6)

Prasyarat / *Pre-Requisite* : Persetujuan Pensyarah/ *Lecturer's Approval*

Melalui kursus ini, pelajar didedahkan kepada persekitaran kerja yang sebenar di industri/organisasi. Latihan merangkumi aplikasi aspek teori dan praktikal yang telah dipelajari dengan amalan semasa di tempat kerja. Kemahiran menyelesaikan masalah dan komunikasi turut diberi penekanan

*In this course, students will be exposed to real working environment in industries/organizations. Training includes application of the theoretical and practical aspects that have been studied with current practices in the workplace. Problem solving and communication skills are also emphasized*

PSP4959      Disertasi Bachelor/ *Bachelor Dissertation*      6 (0+6)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkumi penyediaan cadangan, pelaksanaan dan penulisan saintifik untuk sesuatu projek penyelidikan. Pendekatan saintifik bagi menjana data secara sistematik melalui rekabentuk, pengumpulan dan analisis data yang sesuai diberi penekanan

*This course covers the preparation of proposal, implementation and scientific writing of research project. Scientific approach to generate data systematically through appropriate design, data collection and analysis are emphasised*

**Jabatan Sains Kemasyarakatan dan Pembangunan/ Department of Social and Development Sciences**

FEM3302 E-Komuniti dan Komuniti Lestari/ *E-community and Sustainable Community* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan ciri-ciri komuniti konvensional dan e-komuniti. Perkaitan di antara e-komuniti dengan komuniti lestari serta e-komuniti sebagai medium mendayaupayakan komuniti dalam era teknologi maklumat turut dibincangkan

*This course covers the concept and features of conventional community and e-community. The relationship between e-community and sustainable community and e-community as a medium for empowering the community in the information technology era are also discussed.*

FEM3303 Perancangan dan Penilaian Program/ *Programme Planning and Evaluation* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum maksud pembangunan, prinsip perancangan dan penilaian program pembangunan. Kursus juga memfokuskan kepada hubungan teknologi, alam sekitar dan perancangan pembangunan dalam peningkatan kualiti hidup. Indikator pembangunan manusia, governan dan dasar pembangunan kebangsaan serta isu perancangan dan penilaian program pembangunan juga dibincangkan

*This course covers the meaning of development, principles of development planning and programme evaluation. The course also focuses on the relationship between technology, environment and development planning in achieving better quality in life. Indicators of human development, governance and national development policies as well as issues in planning and evaluating development programmes are also discussed*

FEM3311 Masalah Sosial/ *Social Problems* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pendekatan sosiologi dalam mengkaji masalah sosial. Kursus juga memfokuskan kepada masalah pada tahap global, masyarakat, keluarga dan individu. Impak polisi awam ke atas masalah dan program sosial serta strategi menangani masalah sosial juga dibincangkan

*This course covers the sociological approaches to the study of social problems. The course also focuses on problems at global, societal, family and individual level. The impact of public policy on social problems and programmes as well as strategies in handling social problems are also discussed*

FEM3312 Demografi Sosial/ *Social Demography* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum elemen utama demografi seperti saiz, komposisi dan distribusi penduduk. Kursus ini juga memfokuskan kepada kepentingan peranan faktor perubahan dalam mempengaruhi dinamik elemen utama demografi dan kesan faktor demografi ke atas kesejahteraan manusia.

*This course covers the main elements of demography such as size, composition and distribution of population. The course also focuses on the importance of changing factors in influencing the dynamic of the main elements of demography and the effects of the demographic factors on people's well being*

FEM3313 Sosiologi dan Antropologi Sosial/ *Sociology and Social Anthropology* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perspektif sosiologi dan antropologi untuk memahami dialektik antara diri (individu) dan masyarakat. Memberi tumpuan kepada sejarah paradigma dan sarjana utama serta konsep mereka dalam bidang sosiologi dan antropologi; aplikasinya dalam mentafsir fenomena sosial, isu metodologi, dan kepentingan perspektif sosiologi dan antropologi dalam memahami masyarakat dan budaya.

*This course covers sociological and anthropological perspectives in understanding the dialectic between self (individual) and society. Focus on the history of the major paradigms and prominent scholars with their concepts in sociology and anthropology, their applications in interpreting social phenomena, methodological issues, and the significance of sociological and anthropological perspectives in understanding society and culture*

FEM3331 Pengantar Pembangunan Komuniti/ *Introduction to Community Development* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep-konsep asas pembangunan komuniti, prinsip, nilai, falsafah, matlamat pembangunan komuniti, pendekatan dan jenis pembangunan komuniti. Ia juga merangkum peranan pekerja komuniti serta agensi pelaksana pembangunan komuniti.

*This course covers the basic concepts of community development, principles, values, philosophy, community development goals, approaches and types of community development. It also covers role of community workers and community development implementing agencies*

FEM3334 Kepemimpinan Pembangunan Komuniti/ *Community Development Leadership* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum teori dan model kepemimpinan dalam pembangunan komuniti, jenis dan fungsi kepemimpinan pembangunan komuniti serta strategi kepemimpinan pembangunan komuniti. Kursus ini memfokuskan kepada isu kepemimpinan dalam pembangunan komuniti

*This course covers the leadership theories and models in community development, types and functions of community development leadership, as well as strategies of leadership in community development. This course focuses on issues of leadership in community development*

FEM3335 Pembangunan dan Kelestarian/ *Development and Sustainability* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aspek dan dimensi pembangunan lestari, amalan pembangunan dan analisis kritikal pelbagai interpretasi kelestarian. Pengukuran kelestarian, penggunaan indikator, teknik perancangan, pendekatan penyertaan, peranan pemegang taruh dan halangan pengekalan kelestarian juga dibincangkan

*This course covers the aspects and dimensions of sustainable development, development practice and a critical analysis of the various interpretations of sustainability. Measurement of sustainability, use of indicators, planning techniques, participatory approach, the role of stakeholders and the obstacles to sustainability are also discussed*

FEM3341 Teori dan Praktis Kerja Sosial/ *Social Work Theory and Practice* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum prinsip, konsep serta nilai teras dalam praktis kerja sosial. Polisi sosial dan undang-undang, kerja sosial dan pendekatan ekologi, keperluan dan penggunaan teori, model

intervensi, praktis kerja sosial generik dan praktis dengan kumpulan tertentu turut dibincangkan

*This course covers the principle, concept and core value in social work practice. Social policy and law, social work from ecological perspective, needs and application of theory, intervention model, generic social work practice and practice with specific groups are also discussed*

FEM3342 Kebajikan Sosial dan Kerja Sosial/ *Social Work and Social Welfare* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum pembangunan, struktur dan fungsi institusi kebajikan sosial. Perkaitan antara kebajikan sosial dengan profesion kerja sosial serta lain-lain profesion yang menyokong, masalah sosial, perkhidmatan kebajikan sosial dengan program kebajikan sosial serta kesannya terhadap masyarakat juga dibincangkan

*This course covers the development, structure and function of the social welfare institutions. The relationship between social welfare with social work as well as other supporting professions, social problems, social welfare services, social welfare programmes and its impact on society are also discussed*

FEM3343 Kerja Sosial dan Perkhidmatan Manusia/ *Social Work and Human Services* 3 (2+1)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep profesional dalam kerja sosial dan perkhidmatan manusia. Peranan dan praktis kerja sosial sebagai respons kepada isu sosial dan kepentingan pengetahuan, kemahiran dan nilai dalam profesion kerja sosial turut dibincangkan

*This course covers professional concept in social work and human services. Social work roles and practices as a response to social issues and the importance of knowledge, skills and values in social work profession are also discussed*

FEM4311 Perubahan Sosial/ *Social Change* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum fenomena sejagat dalam perubahan sosial, pengertian perubahan sosial, sumber perubahan dan teori perubahan sosial. Pola dan tempoh masa perubahan, reaksi terhadap perubahan, impak perubahan dan perancangan perubahan juga dibincangkan

*This course covers the universal phenomenon in social change, meaning of social change, sources of change, and social change theories. Pattern and duration of change, reactions to change, impact of change and planning of change are also discussed*

FEM4312 Masyarakat, Pembangunan dan Persekitaran/ *Society, Development and Environment* 3(3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum perbincangan kepentingan penekanan seimbang ke atas komponen birokrasi, program pembangunan dan alam sekitar dalam membawa perubahan kepada masyarakat. Kesejahteraan alam sekitar dalam inisiatif pembangunan juga diberi penekanan

*This course covers the discussion on the importance of a balanced treatment to the components of bureaucracy, development programmes and the environment in bringing about social change. The environmental well-being in development initiatives are also emphasised*



*the Third World Countries. Emphasis is also given on the urban issues using existing cities*

SKP3501 Psikologi Sosial/ *Social Psychology* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum cara manusia mempengaruhi dan dipengaruhi oleh pemikiran, perasaan, dan tingkah laku oleh manusia lain. Kursus ini juga memfokus kepada interaksi sosial antara individu, antara individu dengan kelompok dan antara kelompok dengan kelompok.

*This course covers ways human being influence and being influenced by other's people thinking, feelings, and behaviour. This course focuses on the interaction between individuals, between individuals and groups, and between groups.*

**Jabatan Pengajian Kenegaraan dan Ketamadunan/ Department of Government and Civilisation Studies**

FEM3401 Pengantar Politik / *Introduction to Politics* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan teori asas politik, sistem dan struktur politik sesebuah negara dan pentadbiran awam. Kursus ini juga memfokuskan budaya politik, ekonomi politik, politik dan masyarakat, politik dan keselamatan, sistem dan hubungan antarabangsa serta membincangkan isu semasa politik.

*This course covers the concept and basic theory of politics, the system and structure of politics of a state, and public administration. This course also focuses on political culture, political economy, politics and society, politics and security, system and international relations; as well as discusses current political issues*

FEM3402 Pengantar Falsafah / *Introduction to Philosophy* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum sejarah, perkembangan, konsep asas, fungsi falsafah, aliran utama, tokoh penting serta idea mereka. Tumpuan utama melibatkan komponen penting falsafah dan hubungkait dengan bidang ilmu lain

*This course covers the history, development, basic concepts, the function of philosophy, major scholl of thoughts, important figures and their main ideas. The primary focus involves the important components of philosophy and its relation with other discipline.*

FEM3403 Konflik Sosial dalam Masyarakat Majmuk / *Social Conflict in Plural Society* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum konsep dan teori konflik sosial, bentuk konflik sosial, dan konflik perkauman di Asia Tenggara. Konflik sosial dan perpaduan negara, strategi mengurangkan konflik sosial serta konflik sosial di Malaysia turut dibincangkan

*This course covers the concepts and theories of social conflict, forms of conflict, and communal conflicts in Southeast Asia. Social conflict and national integration, strategies of conflict reduction as well as social conflict in Malaysia are also discussed.*

FEM3404 Berfikir dan Menaakul / *Thinking and Reasoning* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum cara berfikir secara kreatif dan kritis yang melibatkan proses menganalisis dan mensintesis maklumat. Kursus ini memfokuskan aspek pembinaan hujah dan pembentukan pola

penyelesaian masalah.

*This course covers how to think creatively and critically which involve analyzing and synthesising information. The course focuses on the aspects of the construction of arguments and problem solving pattern formation.*

FEM4401 Politik dan Pembangunan / *Politics and Development* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum proses perubahan politik dan pembangunan. Perbincangan melibatkan perubahan dari sudut perkembangan teori dan isu semasa di peringkat global dan tempatan

*This course covers on process of changes in politics and development. The discussion involve the changes from the perspective of theory and current issue at global and local level*

FEM4402 Sosiologi Politik / *Political Sociology* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum elemen yang menghubungkan antara masyarakat dengan politik dari aspek kuasa, ideologi dan proses sosialisasi politik. Kursus ini memfokus kepada teori serta konsep asas sosiologi politik yang akan membantu mahasiswa untuk menganalisis senario semasa politik di Malaysia.

*This course covers the elements which are related to the society and politics in terms of power, ideology and the process of political socialization. The course focuses on the theories and basic concepts of political sociology in order to assist students in analyzing the current issues of Malaysian politics.*

FEM4403 Politik Asia Tenggara / *Southeast Asian Politics* 3 (3+0)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum aspek sejarah negeri di rantau Asia Tenggara, kolonialisme dan imperialisme, pergerakan kemerdekaan, kemunculan elit baru dan perubahan politik. Ideologi, sistem politik, konflik dan kestabilan politik, pengaruh luar, dasar luar, keselamatan kolektif dan ASEAN turut dibincangkan.

*This course covers the aspects of state history of the Southeast Asian region, colonialism and imperialism, independence movements, the emergence of new elites and political change. Ideology, political system, conflict and political stability, external influences, foreign policy, collective security and ASEAN are also discussed.*

### **Pejabat Dekan/ Dean Office**

FEM4903 Latihan Industri/ *Industrial Training* 6 (0+6)

Prasyarat / *Pre-Requisite* : Persetujuan Pensyarah/ *Lecturer's Approval*

Melalui kursus ini, pelajar didedahkan kepada persekitaran kerja yang sebenar di industri/organisasi. Latihan merangkumi aplikasi aspek teori dan praktikal yang telah dipelajari dengan amalan semasa di tempat kerja. Kemahiran menyelesaikan masalah dan komunikasi turut diberi penekanan

*In this course, students will be exposed to real working environment in industries/organizations. Training includes application of the theoretical and practical aspects that have been studied with current practices in the workplace. Problem solving and communication skills are also emphasized*

FEM4959 Disertasi Bachelor/ *Bachelor Dissertation*

6 (0+6)

Prasyarat / *Pre-Requisite* : Tiada/ *None*

Kursus ini merangkum penyediaan cadangan, pelaksanaan dan penulisan saintifik untuk sesuatu projek penyelidikan. Pendekatan saintifik bagi menjana data secara sistematik melalui rekabentuk, pengumpulan dan analisis data yang sesuai diberi penekanan.

*This course covers the preparation of proposal, implementation and scientific writing of research project. Scientific approach to generate data systematically through appropriate design, data collection and analysis are emphasized*

## KURSUS TAWARAN FAKULTI LAIN/ COURSES OFFERED BY OTHER FACULTIES

**(Sila rujuk sinopsis pada fakulti berkenaan/ Please refer to the synopses of the relevant faculties)**

### 1. FAKULTI PERTANIAN/ FACULTY OF AGRICULTURE

1.1 PRT 2008 Pertanian dan Manusia/ *Agriculture and Man* 2 (2+0)

### 2. FAKULTI PENGAJIAN PENDIDIKAN/ FACULTY OF EDUCATIONAL STUDIES

2.1 FCE3204 Kemahiran Berfikir/ *Thinking Skills* 2 (2+0)

### 3. FAKULTI BAHASA MODEN DAN KOMUNIKASI/ FACULTY OF MODERN LANGUAGE AND COMMUNICATION

3.1 BBI2423 *Academic Interaction and Presentation* 3 (2+1)

3.2 BBI2424 *Academic Writing* 3 (2+1)

3.3 KOC3431 Strategi Perhubungan Awam/ *Public Relation Strategies* 3 (2+1)

3.4 KOJ3444 Prinsip dan Praktik Kewartawanan/  
*Principles and Practices of Journalism* 3 (2+1)

3.5 KOH3401 Komunikasi Kumpulan Kecil/  
*Small Group Communication* 3 (2+1)

3.6 KOM3403 Pengucapan Awam/ *Public Oration* 3 (2+1)

3.7 KOH3231 Psikologi Komunikasi/ *Communication Psychology* 3 (3+0)

### 4. FAKULTI EKONOMI DAN PENGURUSAN/ FACULTY OF ECONOMICS AND MANAGEMENT

4.1 ACT2111 Pengantar Perancangan dan Penggunaan Maklumat  
Kewangan/ *Introduction to Planning and Use of Financial  
Information* 3 (3+0)

4.2 ACT2112 Perakaunan Pengenalan/ *Introductory Accounting* 4 (3+1)

4.3 ACT2131 Perakaunan Kos dan Pengurusan/  
*Cost and Management Accounting* 3 (3+0)

4.4 ACT3211 Pengurusan Kewangan/ *Financial Management* 3 (3+0)

4.5 ACT4221 Analisis Pelaburan/ *Investment Analysis* 3 (3+0)

4.6 ECN3010 Prinsip Ekonomi/*Principles of Economics* 3 (3+0)

4.7 ECN3013 Mikroekonomi/*Microeconomics* 3 (3+0)

4.8 ECN3014 Makroekonomi/*Macroeconomics* 3 (3+0)

4.9 MGM3101 Prinsip Pengurusan/ *Principles of Management* 3 (3+0)

4.10 MGM3111 Komunikasi Pentadbiran dan Perniagaan/  
*Business and Administrative Communication* 3 (2+1)

4.11 MGM3113 Gelagat Organisasi/ *Organizational Behavior* 3 (3+0)

4.12 MGM3123 Pengurusan Sumber Manusia/  
*Human Resource Management* 3 (3+0)

4.13 MGM3163 Teknik Kuantitatif untuk Perniagaan/  
*Quantitative Techniques for Business* 4 (3+1)

4.14 MGM3180 Asas Keusahawanan/ *Basic Entrepreneurship* 3 (2+1)

4.15 MGM3211 Prinsip Pemasaran/ *Principles of Marketing* 3 (3+0)

|      |         |   |         |
|------|---------|---|---------|
| 4.16 | MGM3351 | Undang-Undang Komersil/ <i>Commercial Law</i>                                   | 3 (3+0) |
| 4.17 | MGM4136 | Isu Semasa Pengurusan/ <i>Current Issues In Management</i>                      | 3 (3+0) |
| 4.18 | MGM4137 | Dasar Sosial Korporat/ <i>Corporate Social Policy</i>                           | 3 (3+0) |
| 4.19 | MGM4139 | Pengurusan Strategi/ <i>Strategic Management</i>                                | 3 (3+0) |
| 4.20 | MGM4148 | Pengurusan Operasi dan Pengeluaran/ <i>Production and Operations Management</i> | 3 (3+0) |
| 4.21 | MGM4154 | Pengurusan Perniagaan Antarabangsa/ <i>International Business Management</i>    | 3 (3+0) |
| 4.22 | MGM4174 | Pengurusan Perkhidmatan/ <i>Service Management</i>                              | 3 (3+0) |

5. FAKULTI SAINS KOMPUTER DAN TEKNOLOGI MAKLUMAT/  
*FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY*

|      |         |   |         |
|------|---------|---|---------|
| 5.1  | SSE3001 | Pengenalan kepada Kejuruteraan Perisian/ <i>Introduction to Software Engineering</i>        | 3 (3+0) |
| 5.2  | SSE3150 | Pembangunan Aplikasi Web/ <i>Web Application Development</i>                                | 3 (2+1) |
| 5.3  | SSE3202 | Interaksi Manusia-Komputer/ <i>Human-Computer Interaction</i>                               | 3 (3+0) |
| 5.4  | SSE4300 | Pengurusan Projek Perisian/ <i>Software Project Management</i>                              | 3 (3+0) |
| 5.5  | SKM2300 | Pengenalan kepada Multimedia/ <i>Introduction to Multimedia</i>                             | 3 (2+1) |
| 5.6  | SSK3100 | Pengaturcaraan Komputer I/ <i>Computer Programming I</i>                                    | 4 (3+1) |
| 5.7  | SSK3101 | Pengaturcaraan Komputer II/ <i>Computer Programming II</i>                                  | 4 (3+1) |
| 5.8  | SSK3003 | Struktur Diskret/ <i>Discrete Structures</i>  | 3 (3+0) |
| 5.9  | SSK3118 | Struktur Data dan Algoritma/ <i>Data Structures and Algorithms</i>                          | 3 (3+0) |
| 5.10 | SSK3207 | Organisasi Komputer dan Bahasa Himpunan/ <i>Computer Organization and Assembly Language</i> | 3 (3+0) |
| 5.11 | SSK3313 | Sistem Pengoperasian/ <i>Operating System</i>   | 3 (2+1) |
| 5.12 | SSK3408 | Pembangunan Aplikasi Pangkalan Data/ <i>Database Application Development</i>                | 4 (3+1) |
| 5.13 | SKM3300 | Pembangunan Aplikasi Multimedia/ <i>Multimedia Application Development</i>                  | 3 (2+1) |
| 5.14 | SKR3200 | Komunikasi dan Rangkaian Komputer/ <i>Communication and Computer Network</i>                | 3 (3+0) |
| 5.15 | SKR4307 | Aplikasi Bergerak/ <i>Mobile Application</i>  | 3 (2+1) |
| 5.16 | SKR4404 | Pengkomputeran Awan/ <i>Cloud Computing</i>   | 3 (3+0) |
| 5.17 | SIM4200 | Sistem Maklumat/ <i>Information Systems</i>   | 3 (3+0) |
| 5.18 | SIM4207 | Etika dalam Pengkomputeran/ <i>Ethics in Computing</i>                                      | 3 (3+0) |
| 5.19 | SIM4208 | Perdagangan Elektronik/ <i>Electronic Commerce</i>  | 3 (3+0) |
| 5.20 | SSK4401 | Sistem Pengkalan Data/ <i>Database Systems</i>  | 3 (3+0) |

6. FAKULTI SAINS/*FACULTY OF SCIENCE*

|     |         |   |         |
|-----|---------|---|---------|
| 6.1 | MTH3003 | Statistik bagi Sains Gunaan/ <i>Statistics for Applied Sciences</i> | 4 (3+1) |
|-----|---------|---|---------|



**BAHAGIAN KEMASUKAN & BAHAGIAN URUS TADBIR AKADEMIK**

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