

# **BACHELOR SAINS PERTANIAN DENGAN KEPUJIAN**

**BACHELOR OF AGRICULTURAL SCIENCE WITH HONOURS**

## STRUKTUR KURIKULUM | CURRICULUM STRUCTURE

|                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Nama Program</b><br>Study Programme                         | : | Bachelor Sains Pertanian dengan Kepujian<br><i>Bachelor of Agricultural Science with Honours</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Jumlah Kredit Bergraduat</b><br>Total Graduate Credit Hours | : | 125 Jam Kredit<br>125 <i>Credit Hours</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tempoh Pengajian</b><br>Study Duration                      | : | 8 Semester/ <i>Semesters</i> (4 Tahun/ <i>Years</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Matlamat Program</b><br>Programme Outcomes                  | : | <ol style="list-style-type: none"> <li>1. Menghasilkan pegawai pertanian yang berpengetahuan dalam aspek teori dan praktikal serta berdaya saing melalui pembelajaran sepanjang hayat dan pendekatan kemahiran berfikir secara saintifik dalam menerajui bidang pertanian;</li> <li>2. Menghasilkan pegawai pertanian yang mampu membangun dan mengurus aktiviti pertanian dengan menitikberatkan amalan pertanian lestari dan pemuliharaan alam sekitar serta memberi khidmat nasihat kepada petani;</li> <li>3. Menghasilkan pegawai pertanian yang boleh mengaplikasikan pengetahuan sains pertanian untuk mengendalikan penyelidikan serta pengajian lanjutan</li> </ol> |

## RINGKASAN HASIL PEMBELAJARAN PROGRAM

### SUMMARY OF PROGRAM LEARNING OUTCOMES

| PROGRAM                                                                                                     | Hasil Pembelajaran Program |                     |                           |                           |                              |                                |                                                       |                                          |                                             |                         |
|-------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|---------------------------|---------------------------|------------------------------|--------------------------------|-------------------------------------------------------|------------------------------------------|---------------------------------------------|-------------------------|
|                                                                                                             | Pengetahuan dan kefahaman  | Kemahiran praktikal | Kemahiran kognitif (CTPS) | Kemahiran komunikasi (CS) | Kemahiran interpersonal (TS) | Etika dan profesionalisme (EM) | Kemahiran digital dan pendidikan sepanjang hayat (LL) | Kemahiran personal dan keusahawanan (KK) | Kepimpinan, autonomi dan tanggungjawab (LS) | Kemahiran numerasi (NS) |
|                                                                                                             | PO1                        | PO2                 | PO3                       | PO4                       | PO5                          | PO6                            | PO7                                                   | PO8                                      | PO9                                         | PO10                    |
| <b>Bachelor Sains Pertanian dengan kepujian</b><br><br><i>Bachelor of Agricultural Science with Honours</i> | 36                         | 28                  | 17                        | 8                         | 6                            | 12                             | 13                                                    | 6                                        | 5                                           | 4                       |

**KURSUS UNIVERSITI | UNIVERSITY COURSES (19 Kredit/Credit)**

**Status pendaftaran dalam eSMP : Kursus Wajib (YW)**  
 Registration status in eSMP : Compulsory Course (YW)

| <b>Kod Kursus</b><br><i>CourseCode</i> | <b>Nama Kursus</b><br><i>Course Name</i>                                             | <b>Kr</b> | <b>K</b> | <b>A</b> | <b>Prasyarat</b><br><i>Prerequisite</i> |
|----------------------------------------|--------------------------------------------------------------------------------------|-----------|----------|----------|-----------------------------------------|
| LPE2403                                | Interaksi dan Pembentangan Akademik<br><i>Academic Interaction and Presentation</i>  | 3         | 3        | 0        | LPE2302 @<br>CEL2102 Tahap 2            |
| LPE2503                                | Penulisan Akademik<br><i>Academic Writing</i>                                        | 3         | 3        | 0        | LPE2403                                 |
| SKP2101                                | Kenegaraan Malaysia<br><i>Malaysian Nationhood</i>                                   | 3         | 3        | 0        | Tiada/None                              |
| SKP3112                                | Falsafah dan Isu Semasa<br><i>Philosophy and Current Issues</i>                      | 2         | 2        | 0        | Tiada/None                              |
| SKP3122                                | Penghayatan Etika dan Peradaban<br><i>Internalization of Ethics and Civilization</i> | 2         | 2        | 0        | Tiada/None                              |
| PRT2009                                | Pertanian dan Kehidupan<br><i>Agriculture and Life</i>                               | 2         | 1        | 1        | Tiada/None                              |
| PPT3702                                | Keusahawanan Pertanian<br><i>Agricultural Entrepreneurship</i>                       | 3         | 1        | 2        | Tiada/None                              |
| FEM2313                                | Integriti Dan Antirasuah<br><i>Integrity and Anti-corruption</i>                     | 1         | 1        | 0        | Tiada/None                              |

**KURSUS TERAS | CORE COURSES (74 Kredit/Credit)**

**Status pendaftaran dalam eSMP : Kursus Wajib (YW)**  
 Registration status in eSMP : Compulsory Course (YW)

| Kod Kursus<br><i>Course Code</i> | Nama Kursus<br><i>Course Name</i>                                                        | Kr | K | A  | Prasyarat<br><i>Prerequisite</i> |
|----------------------------------|------------------------------------------------------------------------------------------|----|---|----|----------------------------------|
| AGR3507                          | Tanaman Makanan Utama<br><i>Main Food Crops</i>                                          | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3508                          | Tanaman Perladangan Utama<br><i>Main Plantation Crops</i>                                | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3101                          | Botani Pertanian<br><i>Agricultural Botany</i>                                           | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3102                          | Prinsip Sains Rumpai<br><i>Principles of Weed Science</i>                                | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3204                          | Pembiakbakaan Tumbuhan<br><i>Plant Breeding</i>                                          | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3301                          | Fisiologi Tanaman<br><i>Crop Physiology</i>                                              | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AKU3201                          | Prinsip Akuakultur<br><i>Principles of Aquaculture</i>                                   | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| EPT3104                          | Ekonomi Pertanian<br><i>Agricultural Economics</i>                                       | 3  | 3 | 0  | Tiada/ <i>None</i>               |
| PLP3104                          | Entomologi Asas<br><i>Fundamentals of Entomology</i>                                     | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| PLP3204                          | Patologi Tumbuhan Asas<br><i>Fundamentals of Plant Pathology</i>                         | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| AGR3701                          | Eksperimentasi dan Biometri Pertanian<br><i>Experimentation and Agriculture Biometry</i> | 4  | 3 | 1  | Tiada/ <i>None</i>               |
| PRT3403                          | Kimia dan Biokimia Pertanian<br><i>Agricultural Chemistry and Biochemistry</i>           | 4  | 3 | 1  | Tiada/ <i>None</i>               |
| PRT4901#                         | Latihan Industri<br><i>Industrial Training</i>                                           | 12 | 0 | 12 | Tiada/ <i>None</i>               |
| PRT4959                          | Disertasi Bacelor<br><i>Bachelor Dissertation</i>                                        | 6  | 0 | 6  | Tiada/ <i>None</i>               |
| SHW3004                          | Prinsip Pengeluaran Haiwan<br><i>Principles of Animal Production</i>                     | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| SST3005                          | Sains Tanah Asas<br><i>Basic Soil Science</i>                                            | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| SST3603                          | Pengurusan Kesuburan Tanah<br><i>Soil Fertility Management</i>                           | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| TKP3001                          | Teknologi Pertanian Moden<br><i>Modern Agricultural Technology</i>                       | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| TKP3201                          | Pengembangan Pertanian<br><i>Agricultural Extension</i>                                  | 3  | 2 | 1  | Tiada/ <i>None</i>               |
| TKP3501                          | Mekanisasi Pertanian dan Pengairan<br><i>Agricultural Mechanisation and Irrigation</i>   | 3  | 2 | 1  | Tiada/ <i>None</i>               |

**Nota/Note:** #Kursus Latihan Industri hanya boleh didaftar sekiranya pelajar telah LULUS keseluruhan kursus dalam Program Pengajian. Ini termasuklah Kursus Pakej ELEX.

*The Industrial Training course is only able to be registered once a student's PASS all the courses in this programme. This includes Co-Curriculum Courses and ELEX.*

**KURSUS ELEKTIF | ELECTIVE COURSES (32 Kredit/Credit)**

**Status pendaftaran dalam eSMP : Kursus Elective (EL)**  
 Registration status in eSMP : Elective Course (EL)

| Kod Kursus<br><i>Course Code</i> | Nama Kursus<br><i>Course Name</i>                                                                         | Kr | K | A | Prasyarat<br><i>Prerequisite</i> |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|----|---|---|----------------------------------|
| AGR3504                          | Tanaman Industri Minor<br><i>Minor Industrial Crops</i>                                                   | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4100                          | Agrobiodiversiti<br><i>Agrobiodiversity</i>                                                               | 3  | 3 | 0 | Tiada/ <i>None</i>               |
| AGR4101                          | Botani Pertanian Lanjutan<br><i>Advanced Agricultural Botany</i>                                          | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4302                          | Sains Racun Herba<br><i>Herbicide Science</i>                                                             | 3  | 2 | 1 | AGR3102                          |
| AGR4203                          | Genetik Kuantitatif<br><i>Quantitative Genetics</i>                                                       | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4301                          | Fisiologi Tanaman Lanjutan<br><i>Advanced Plant Physiology</i>                                            | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4303                          | Pemakanan Tanaman<br><i>Crop Nutrition</i>                                                                | 3  | 2 | 1 | AGR3301 atau (or) HRT3002        |
| AGR4503                          | Pengeluaran Tanaman Padi<br><i>Rice Crop Production</i>                                                   | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4507                          | Pengeluaran Tanaman Kelapa Sawit<br><i>Oil Palm Crop Production</i>                                       | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4508                          | Pengeluaran Tanaman Getah<br><i>Rubber Crop Production</i>                                                | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AGR4801                          | Pertanian Lestari<br><i>Sustainable Agriculture</i>                                                       | 2  | 2 | 0 | Tiada/ <i>None</i>               |
| AGR4802                          | Teknologi Biji Benih<br><i>Seed Technology</i>                                                            | 3  | 2 | 1 | AGR3301 atau (or) HRT3002        |
| AKU3302                          | Teknologi Pembenihan Ikan dan Pengurusan Fri<br><i>Fish Seed Technology and Fry Management</i>            | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| AKU3401                          | Pemakanan Akuakultur<br><i>Aquaculture Nutrition</i>                                                      | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| EPT3203                          | Pengurusan Ladang<br><i>Farm Management</i>                                                               | 3  | 3 | 0 | Tiada/ <i>None</i>               |
| PPT4212                          | Perancangan dan Pengurusan Projek<br>Perniagaantani<br><i>Agriculture Project Planning and Management</i> | 3  | 3 | 0 | Tiada/ <i>None</i>               |
| PPT4305                          | Pemasaran Pertanian<br><i>Agribusiness Marketing</i>                                                      | 3  | 3 | 0 | Tiada/ <i>None</i>               |
| HRT3403                          | Pengeluaran Tanaman Hortikultur<br><i>Horticulture Crop Production</i>                                    | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| HRT3600                          | Fisiologi Lepas Tuai<br><i>Postharvest Physiology</i>                                                     | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| HRT4800                          | Kultur Tanpa Tanah<br><i>Soilless Culture</i>                                                             | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| HRT4300                          | Pengawalatur Tumbesaran Tumbuhan<br><i>Plant Growth Regulators</i>                                        | 3  | 2 | 1 | AGR3301                          |
| HRT4441                          | Pengurusan Rumput Turf<br><i>Turfgrass Management</i>                                                     | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| HRT4803                          | Pembiakan Mikro Tumbuhan<br><i>Plant Micropropagation</i>                                                 | 3  | 2 | 1 | Tiada/ <i>None</i>               |
| PLP3105                          | Pengurusan Perosak Bandaran<br><i>Urban Pest Management</i>                                               | 3  | 2 | 1 | Tiada/ <i>None</i>               |

|         |                                                                                                                                        |   |   |   |                    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--------------------|
| PLP4001 | Pengawalan Perosak<br><i>Pest Control</i>                                                                                              | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PLP4002 | Teknik Aplikasi Racun Perosak<br><i>Pesticide Application Technique</i>                                                                | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PLP4101 | Entomologi<br><i>Entomology</i>                                                                                                        | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PLP4201 | Patologi Tumbuhan<br><i>Plant Pathology</i>                                                                                            | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PRT3501 | Mikrobiologi Pertanian<br><i>Agricultural Microbiology</i>                                                                             | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PRT4302 | Agroiklim<br><i>Agroclimatology</i>                                                                                                    | 3 | 3 | 0 | Tiada/ <i>None</i> |
| PRT4002 | Pertanian Presis<br><i>Precision Agriculture</i>                                                                                       | 3 | 2 | 1 | Tiada/ <i>None</i> |
| PRT4041 | Sistem Pengeluaran Organik<br><i>Organic Production Systems</i>                                                                        | 3 | 2 | 1 | Tiada/ <i>None</i> |
| AGR4501 | Pengurusan Pastura<br><i>Pasture Management</i>                                                                                        | 3 | 2 | 1 | Tiada/ <i>None</i> |
| SHW3503 | Produksi Ternakan Pedaging<br><i>Meat Livestock Production</i>                                                                         | 3 | 2 | 1 | SHW3002            |
| SHW3512 | Produksi Poltri<br><i>Poultry Production</i>                                                                                           | 3 | 2 | 1 | SHW3002            |
| SST4005 | Kaedah Penyelidikan Sains Tanah<br><i>Research Methods in Soil Science</i>                                                             | 3 | 2 | 1 | SST3005            |
| SST4201 | Pembentukan dan Pengelasan Tanah<br><i>Soil Formation and Classification</i>                                                           | 3 | 2 | 1 | Tiada/ <i>None</i> |
| SST4303 | Pemuliharaan Tanah<br><i>Soil Conservation</i>                                                                                         | 3 | 2 | 1 | Tiada/ <i>None</i> |
| SST4801 | Sains Tanah Persekitaran<br><i>Environmental Soil Science</i>                                                                          | 3 | 2 | 1 | SST3005            |
| SST4502 | Ekologi Tanah Gunaan<br><i>Applied Soil Ecology</i>                                                                                    | 3 | 2 | 1 | Tiada/ <i>None</i> |
| SST4202 | Survei Tanah dan Pengkelasan Kesesuaian<br>Guna Tanah<br><i>Soil Survey and Land Use Suitability<br/>Classification</i>                | 3 | 2 | 1 | SST3005            |
| TKP3104 | Bioteknologi Pertanian<br><i>Agricultural Biotechnology</i>                                                                            | 3 | 2 | 1 | Tiada/ <i>None</i> |
| TKP3205 | Komunikasi Pengembangan dan Demonstrasi<br>Kaedah Pertanian<br><i>Agriculture Extension Communication and<br/>Method Demonstration</i> | 3 | 2 | 1 | Tiada/ <i>None</i> |
| TKP4203 | Perencanaan Program Pengembangan<br>Pertanian<br><i>Programme Planning in Agricultural Extension</i>                                   | 3 | 2 | 1 | Tiada/ <i>None</i> |
|         | Elektif Bebas<br>(Kemanusiaan dan Liberal Arts)<br><i>Elective course<br/>(Humanities and Liberal Arts)</i>                            | 6 | - | - | Tiada/ <i>None</i> |

**PELAN PENGAJIAN | STUDY SCHEME**

| TAHUN 1                          |                                                                                | SEMESTER 1             |           |           |          |
|----------------------------------|--------------------------------------------------------------------------------|------------------------|-----------|-----------|----------|
| Kod Kursus<br><i>Course Code</i> | Nama Kursus<br><i>Course Name</i>                                              | Taraf<br><i>Status</i> | Kr        | K         | A        |
| SKP2101                          | Kenegaraan Malaysia<br><i>Malaysian Nationhood</i>                             | YW                     | 3         | 3         | 0        |
| SKP3112                          | Falsafah dan Isu Semasa<br><i>Philosophy and Current Issues</i>                | YW                     | 2         | 2         | 0        |
| PRT3403                          | Kimia dan Biokimia Pertanian<br><i>Agricultural Chemistry and Biochemistry</i> | YW                     | 4         | 3         | 1        |
| EPT3104                          | Ekonomi Pertanian<br><i>Agricultural Economics</i>                             | YW                     | 3         | 3         | 0        |
| PRT2009                          | Pertanian dan Kehidupan<br><i>Agriculture and Life</i>                         | YW                     | 2         | 1         | 1        |
| AGR3101                          | Botani Pertanian<br><i>Agricultural Botany</i>                                 | YW                     | 3         | 2         | 1        |
| ELEX                             | English Language Experience (ELEX)<br>(LPE/LAX/CEL)                            | YW                     | -         | -         | -        |
| <b>JUMLAH /TOTAL</b>             |                                                                                | -                      | <b>17</b> | <b>14</b> | <b>3</b> |

| TAHUN 1                                 |                                                                                      | SEMESTER 2             |           |           |          |
|-----------------------------------------|--------------------------------------------------------------------------------------|------------------------|-----------|-----------|----------|
| Kod Kursus<br><i>Course Code</i>        | Nama Kursus<br><i>Course Name</i>                                                    | Taraf<br><i>Status</i> | Kr        | K         | A        |
| SKP3122                                 | Penghayatan Etika dan Peradaban<br><i>Internalization of Ethics and Civilization</i> | YW                     | 2         | 2         | 0        |
| AGR3301                                 | Fisiologi Tanaman<br><i>Crop Physiology</i>                                          | YW                     | 3         | 2         | 1        |
| AGR3507                                 | Tanaman Makanan Utama<br><i>Main Food Crops</i>                                      | YW                     | 3         | 2         | 1        |
| AGR3102                                 | Prinsip Sains Rumpai<br><i>Principles of Weed Science</i>                            | YW                     | 3         | 2         | 1        |
| TKP3001                                 | Teknologi Pertanian Moden<br><i>Modern Agricultural Technology</i>                   | YW                     | 3         | 2         | 1        |
| LPE2403                                 | <i>Academic Interaction and Presentation</i>                                         | YW                     | 3         | 3         | 0        |
| <b>JUMLAH (TEMPATAN) /TOTAL (LOCAL)</b> |                                                                                      | -                      | <b>17</b> | <b>13</b> | <b>4</b> |

| TAHUN 2                          |                                                                        | SEMESTER 3             |           |           |          |
|----------------------------------|------------------------------------------------------------------------|------------------------|-----------|-----------|----------|
| Kod Kursus<br><i>Course Code</i> | Nama Kursus<br><i>Course Name</i>                                      | Taraf<br><i>Status</i> | Kr        | K         | A        |
| AGR3204                          | Pembiakbakaan Tumbuhan<br><i>Plant Breeding</i>                        | YW                     | 3         | 2         | 1        |
| SST3005                          | Sains Tanah Asas<br><i>Basic Soil Science</i>                          | YW                     | 3         | 2         | 1        |
| PLP3104                          | Entomologi Asas<br><i>Fundamentals of Entomology</i>                   | YW                     | 3         | 2         | 1        |
| AGR3508                          | Tanaman Perladangan Utama<br><i>Main Plantation Crops</i>              | YW                     | 3         | 2         | 1        |
| LPE2503                          | <i>Academic Writing</i>                                                | YW                     | 3         | 3         | 0        |
| FEM2313                          | Kursus Integrasi & Anti Rasuah<br><i>Integrity and Anti-corruption</i> | YW                     | 1         | 1         | 0        |
| <b>JUMLAH/TOTAL</b>              |                                                                        | -                      | <b>16</b> | <b>12</b> | <b>4</b> |

| TAHUN 2                          |                                                                      | SEMESTER 4             |           |           |          |
|----------------------------------|----------------------------------------------------------------------|------------------------|-----------|-----------|----------|
| Kod Kursus<br><i>Course Code</i> | Nama Kursus<br><i>Course Name</i>                                    | Taraf<br><i>Status</i> | Kr        | K         | A        |
| AKU3201                          | Prinsip Akuakultur<br><i>Principles of Aquaculture</i>               | YW                     | 3         | 2         | 1        |
| SST3603                          | Pengurusan Kesuburan Tanah<br><i>Soil Fertility Management</i>       | YW                     | 3         | 2         | 1        |
| TKP3201                          | Pengembangan Pertanian<br><i>Agricultural Extension</i>              | YW                     | 3         | 2         | 1        |
| PLP3204                          | Patologi Tumbuhan Asas<br><i>Fundamentals of Plant Pathology</i>     | YW                     | 3         | 2         | 1        |
| SHW3004                          | Prinsip Pengeluaran Haiwan<br><i>Principles of Animal Production</i> | YW                     | 3         | 2         | 1        |
| ELEx                             | English Language Experience (ELEx)<br>(LPE/LAX/CEL)                  | YW                     | -         | -         | -        |
|                                  | Kursus Elektif<br><i>Electives Courses</i>                           | EL                     | 3         | -         | -        |
| <b>JUMLAH/TOTAL</b>              |                                                                      | -                      | <b>18</b> | <b>10</b> | <b>5</b> |



TAHUN 3

SEMESTER 5

| <b>Kod Kursus</b><br><i>Course Code</i> | <b>Nama Kursus</b><br><i>Course Name</i>                                                 | <b>Taraf</b><br><i>Status</i> | <b>Kr</b> | <b>K</b> | <b>A</b> |
|-----------------------------------------|------------------------------------------------------------------------------------------|-------------------------------|-----------|----------|----------|
| AGR3701                                 | Eksperimentasi dan Biometri Pertanian<br><i>Experimentation and Agriculture Biometry</i> | YW                            | 4         | 3        | 1        |
| TKP3501                                 | Mekanisasi Pertanian dan Pengairan<br><i>Agricultural Mechanisation and Irrigation</i>   | YW                            | 3         | 2        | 1        |
| ELEx                                    | English Language Experience (ELEx)<br>(LPE/LAX/CEL)                                      | YW                            | -         | -        | -        |
|                                         | Kursus Elektif<br><i>Electives Courses</i>                                               | EL                            | 9         | 0        | 0        |
| <b>JUMLAH/TOTAL</b>                     |                                                                                          | -                             | <b>16</b> | <b>5</b> | <b>2</b> |

TAHUN 3

SEMESTER 6

| <b>Kod Kursus</b><br><i>Course Code</i> | <b>Nama Kursus</b><br><i>Course Name</i>                       | <b>Taraf</b><br><i>Status</i> | <b>Kr</b> | <b>K</b> | <b>A</b> |
|-----------------------------------------|----------------------------------------------------------------|-------------------------------|-----------|----------|----------|
| PRT4959A                                | Disertasi Bachelo<br><i>Bachelor Dissertation</i>              | YW                            | 3         | 0        | 3        |
| PPT3702                                 | Keusahawanan Pertanian<br><i>Agricultural Entrepreneurship</i> | YW                            | 3         | 2        | 1        |
| ELEx                                    | English Language Experience (ELEx)<br>(LPE/LAX/CEL)            | YW                            | -         | -        | -        |
|                                         | Kursus Elektif<br><i>Electives Courses</i>                     | EL                            | 9         | 0        | 0        |
| <b>JUMLAH/TOTAL</b>                     |                                                                | -                             | <b>15</b> | <b>2</b> | <b>4</b> |

## TAHUN 4

## SEMESTER 7

| <b>Kod Kursus</b><br><i>Course Code</i> | <b>Nama Kursus</b><br><i>Course Name</i>            | <b>Taraf</b><br><i>Status</i> | <b>Kr</b> | <b>K</b> | <b>A</b> |
|-----------------------------------------|-----------------------------------------------------|-------------------------------|-----------|----------|----------|
| PRT4959B                                | <i>Disertasi Bacelor<br/>Bachelor Dissertation</i>  | YW                            | 3         | 0        | 3        |
| ELEx                                    | English Language Experience (ELEx)<br>(LPE/LAX/CeL) | YW                            | -         | -        | -        |
|                                         | Kursus Elektif<br><i>Electives Courses</i>          | EL                            | 11        | 0        | 0        |
| <b>JUMLAH/TOTAL</b>                     |                                                     | -                             | <b>14</b> | <b>0</b> | <b>3</b> |

## TAHUN 4

## SEMESTER 8

| <b>Kod Kursus</b><br><i>Course Code</i> | <b>Nama Kursus</b><br><i>Course Name</i>       | <b>Taraf</b><br><i>Status</i> | <b>Kr</b> | <b>K</b> | <b>A</b>  |
|-----------------------------------------|------------------------------------------------|-------------------------------|-----------|----------|-----------|
| PRT4901                                 | Latihan Industri<br><i>Industrial Training</i> | YW                            | 12        | 0        | 12        |
| <b>JUMLAH/TOTAL</b>                     |                                                | -                             | <b>12</b> | <b>0</b> | <b>12</b> |

**Nota/Note:**

1. Sila rujuk Skema PUTRA ELEx bagi pendaftaran kursus Bahasa Inggeris.  
*Please refer to PUTRA ELEx Scheme for English course registration.*
2. Kursus Latihan Industri hanya boleh didaftar sekiranya pelajar telah LULUS keseluruhan kursus dalam Program Pengajian. Ini termasuklah Kursus Pakej ELEx.  
*The Industrial Training courses only able to register once a student's PASS all the courses in this programme. This including ELEx.*