

STUDY SCHEME
BACHELOR OF SCIENCE (HONOURS) IN AQUACULTURE
[SEMESTER 1, SESSION 2018/2019]



| University Courses | Core Courses | Elective Courses | Total Graduation Requirements |
|--------------------|-----------------|------------------|-------------------------------|
| 22 Credit Hours | 73 credit hours | 32 credit hours | 127 credit hours |

CH : Credit Hour LH : Lecture Hour L : Laboratory

YEAR 1

SEMESTER 1

SEMESTER 2

| Code | Course | CH | LH | L | Code | Course | CH | LH | L |
|--------------|---|-----------|-----------|----------|--------------|---|-----------|-----------|----------|
| AKU3103 | Ichthyology | 3 | 2 | 1 | PRT2008 | Agriculture and Man | 2 | 2 | 0 |
| BBI2423 | Academic Interaction and Presentation | 3 | 2 | 1 | AKU3106 | Aquatic Botany | 3 | 2 | 1 |
| AKU3105 | Agriculture Production System | 3 | 2 | 1 | BBI2424 | Academic Writing | 3 | 2 | 1 |
| AKU3602 | Aquatic Ecology | 3 | 2 | 1 | AKU3109 | Fish Physiology and Biochemistry | 4 | 3 | 1 |
| SKP2101 | Malaysian Nationhood | 3 | 3 | 0 | SKP2204 | Ethnic Relations | 2 | 2 | 0 |
| SKP2203 | Islamic Civilization and Asian Civilization | 2 | 2 | 0 | QKxxxxx | Co-Curriculum | 1 | 0 | 1 |
| QKS2112 | Basic Swimming | 1 | 0 | 1 | PPT3301 | Principles of Agricultural Management and Marketing | 3 | 3 | 0 |
| TOTAL | | 18 | 13 | 5 | TOTAL | | 18 | 14 | 4 |

YEAR 2

SEMESTER 1

SEMESTER 2

| | | | | | | | | | |
|--------------|---------------------------------------|-----------|-----------|----------|--------------|---|-----------|-----------|----------|
| PPT3701 | Agricultural Entrepreneurship | 3 | 2 | 1 | TKP3206 | Aquaculture Extension | 2 | 1 | 1 |
| AKU3201 | Principles of Aquaculture | 3 | 2 | 1 | AKU3301 | Fish Genetics and Breeding | 3 | 2 | 1 |
| AKU4402 | Live Food Production in Aquaculture | 3 | 2 | 1 | AKU3302 | Fish Seed Technology and Fry Management | 3 | 2 | 1 |
| AKU3601 | Water and Soil Quality in Aquaculture | 3 | 2 | 1 | AKU3401 | Aquaculture Nutrition | 3 | 2 | 1 |
| AKU3501 | Fish Health Management | 3 | 2 | 1 | AKU3210 | Finfish Culture | 3 | 1 | 2 |
| EPT3102 | Agricultural Economics | 3 | 3 | 0 | | Elective | 3 | 2 | 1 |
| TOTAL | | 18 | 13 | 5 | TOTAL | | 17 | 10 | 7 |

YEAR 3

SEMESTER 1

SEMESTER 2

| | | | | | | | | | |
|--------------|--|-----------|----------|----------|--------------|-----------------------|-----------|----------|----------|
| AKU3802 | Innovation in Aquaculture | 3 | 1 | 2 | AKU4959A | Bachelor Dissertation | 3 | 0 | 3 |
| AKU3108 | Statistics and Research in Aquaculture | 4 | 3 | 1 | | Electives | 14 | 8 | 6 |
| AKU3801 | Postharvest In Aquaculture | 2 | 1 | 1 | | | | | |
| | Electives | 6 | 4 | 2 | | | | | |
| TOTAL | | 15 | 9 | 6 | TOTAL | | 17 | 8 | 9 |

YEAR 4

SEMESTER 1

SEMESTER 2

| | | | | | | | | | |
|--------------|-----------------------|-----------|----------|----------|--------------|---------------------|-----------|----------|-----------|
| AKU4959B | Bachelor Dissertation | 3 | 0 | 3 | AKU4901 | Industrial Training | 12 | 0 | 12 |
| | Electives | 9 | 7 | 3 | | | | | |
| TOTAL | | 12 | 7 | 6 | TOTAL | | 12 | 0 | 12 |