Research Degrees:

Master of Science
Doctor of Philosophy

Taught Programmes:

Master of Science

The Faculty of Science and Technology (FST) was established officially on the 19th of July, 1999 as a result of restructuring of four science-based faculties namely the Faculty of Life Sciences, the Faculty of Mathematical Sciences, The Faculty of Physical and Applied Sciences, and the Faculty of Science and Natural Resources.

The Faculty of Science and Technology strives to be the centre of excellence in teaching, research and community services. FST encourages multidiscipline and innovative research towards attaining national and international recognition. Programmes are offered based on the expertise available in five schools in the Faculty. They are:

- School of Applied Physics
- School of Biosciences and Biotechnology
- School of Chemical Sciences and Food Technology
- School of Mathematical Sciences
- School of Environmental and Natural Resource Sciences

PROGRAMME STRUCTURE

Doctor of Philosophy
(By research and thesis)

Master of Science
(By Thesis)

Candidates are required to take at least 6 units (depending on the requirement of a programme) including 4 units of Faculty’s Course (STPD6014) and complete a research thesis. Total units required for graduation is 36. Should a candidate performs extremely well (PNGK ≥ 3.67), he or she can apply for conversion from M.Sc. to Ph.D. programme.

Master of Science
(By Coursework)

Candidates have to register and pass 36 units of coursework and research project. Units for research project is between 8-12.

FACULTY’S COURSE (STPD)

MSc candidates (except School of Mathematical Science) are required to register and pass STPD6014, Research Methodology.

RESEARCH AREAS
(Ph.D. Programmes)

Research areas for the PhD are outline according to school as follows:

Applied Physics

Biosciences and Biotechnology
Plant Biotechnology, Genomic, Microbial-Animal interaction, Microbial-Plant interaction, Molecular Parasites, Plant Conservation, Gen Structure and Function.

Mathematical Sciences

Chemical Sciences and Food Technology
Environment and Natural Resource Sciences

Air and Water Pollution and Quality; Aquatic Biology; Biochemical, heavy metal & Pesticide toxicology; Biological Control; Clastic and Carbonate Sedimentology; Climate Study & Modelling; Conservation Biology; Conservation Geology; Cytogenetics; Ecology and Systematics of Higher and Lower Plants; Ecology and Systematics of Mammals; Ecotoxicity; EIA; Engineering and Environmental Geophysics; Fish Biology; Forest Ecology; Geochemistry; Geotourism; Genetics and Breeding; Insect Systematics; Invertebrates Biology; Invertebrate Ecology and Systematics; Molecular Systematics; Marine Biotoxins; Marine Ecology; Marine Geochemistry & Radichemistry; Marine Plankton and Benthos; Micropaleontology; Mineralogy; Mineral Exploration; Paleontology; Palynology; Parasitology; Petroleum Geology; Petrology; Phycology; Physical Oceanography; Physiology & Diversity of Marine Microbes, Plant anatomy; Radiology; Safety; Health & Environment; Remote Sensing & Aerial Photography; Stratigraphy; Structural Geology; Soil Science; Weed Science.

SCHOOL OF APPLIED PHYSICS

PROGRAMME STRUCTURE

Master of Science (Physics)

A candidate for this programme is required to pass 36 units, consisting of 26 units of Thesis Research and 10 units of coursework.

COURSES OFFERED

STPD6014 Research Methodology
STSF6816 Thesis Research I
STSF6826 Thesis Research II
STSF6836 Thesis Research III
STSF6848 Thesis Research IV

And 6 units taken from the courses offered in the Master of Science (Applied Physics) or Master of Science (Energy Technology) Programmes, with the approval of the candidate’s supervisor.

Master of Science (Material Science)

A candidate for this programme is required to pass 36 units, consisting of 26 units of Thesis Research and 10 units of coursework.

COURSES OFFERED

STPD6014 Research Methodology
STSB6816 Thesis Research I
STSB6826 Thesis Research II
STSB6836 Thesis Research III
STSB6848 Thesis Research IV

And 3 units taken from the Master of Science Programmes offered by the School of Applied Physics and 3 units from any of the Master of Science Programmes offered by the Schools in the Faculty of Science and Technology, with the approval of the candidate’s supervisor.

Master of Science (Nuclear Science)

A candidate for this programme is required to pass 36 units, consisting of 26 units of Thesis research and 10 units of coursework.

COURSES OFFERED

STSN6814 Research Methodology
STSN6816 Thesis Research I
STSN6826 Thesis Research II
STSN6836 Thesis Research III
STSN6848 Thesis Research IV

And 6 units taken from the courses in the Master of Science Programmes offered in the Faculty of Science and Technology, with the approval of the candidate’s supervisor.

Master of Science (Energy Technology)

Candidates for this programme is required to pass 36 course units, comprising of 8 units of Research Project, 22 units of prescribed courses and 6 units of elective courses. The course structure is as shown in the table below.

COURSES OFFERED

Core Courses

STPD6014 Research Methodology
STSF6013 Energy Conversion Materials
STSF6023 Conceptual Design of Energy Systems
STSF6033 Energy Philosophy, Issues and Policy
STSF6073 Energy Economics and Management
STSF6083 Energy Control Instrumentation
STSF6063 Energy and the Environment
STSF6972 Research Project I
STSF6986 Research Project II

Elective Courses

STSF6113 Battery Technology
STSF6123 Combustion and Energy Generating Systems
STSF6133 Photo-voltaic Technology
STSF6143 Fuel Technology
STSF6153 Wind Energy Technology
STSF6173 Solar Thermal Technology

ACADEMIC STAFF

Chair Person
Professor Dr. Ibrahim Abu Talib

Professor
Baharudin Yatim, BSc, PhD (Kent), FIPM, JSM, KMN, DNS, PPT, PMC
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Mazlan Othman, BSc, MSc, PhD (Otago), MIPM, FRAS
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Muhamad Yahaya, BSc, Drs (ITB), PhD (London)
Mohd. Yusof Hj. Othman, MSc (UKMalaysia), MSc (London), PhD (Aston), MIPM, KMN
Roslan Abd. Shukor, BSc, MSc (N. Illinois), PhD (Arkansas)
Sahrim Hj. Ahmad, BSc (Malaya), PhD (L’boro)
Supian Samat, BSc (UKMalaysia), PhD (Wales), FIPM

**Associate Professor**
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Koh Aik Khoon, BSc (UKMalaysia), MSc (Bath), PhD (NSW), CMMSA
Muhamad Othman, Drs (GAMA) Dr.rer.nat (Hannover)

**Lecturer**
Ahmad Puaad Hj. Othman, BSc, MSc (N. Illinois), PhD (Manchester)

**School of Biosciences & Biotechnology**

**Types of Programmes**
- Master of Science: (By Thesis)
  - Biochemistry; Microbiology;
  - Botany; Genetics; Zoology

**Programme Structure**
Every candidate of the programme is expected to successfully complete 36 units, consisting of 26 units of research and 10 units of courses. The research projects can be selected from the following areas, namely, Biochemistry, Molecular Biology, Microbiology, Plant Science or Plant Biotechnology, and Animal Science or Animal Biotechnology.

The required 10 units of courses should be made up of 6 units of core courses and 4 units of electives, respectively. The core courses are those offered by the Faculty and School while the electives can be chosen from any offered by the other Schools of Study.

**COURSES OFFERED**

**Core Courses**
- STPD 6014 Research Methodology
- STBP6242 Latest Development in Molecular and Cell Biology
- STBP6252 Management of Biotechnology

**School Courses (Electives)**
- STBP6262 Bioinformatics
- STBP6342 Bioprocessing Technology
- STBP6352 Molecular Phylogeny
- STBP6362 Regulation of Cell Development
- STBP6442 Biology of Cancer Cells
- STBP6452 Molecular Mechanisms of Pathogenicity
- STBP6462 Molecular Genetics of Plant Development
- STBP6984 Thesis Research I
- STBP6986 Thesis Research II
- STBP6988 Thesis Research III
- STBP6998 Thesis Research IV

**ACADEMIC STAFF**

**Chair Person**
Prof. Dr. Normah Mohd. Noor

**Professor**
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Farida Habib Shah, BSc, MS (Malaya), PhD (NSWales)
Hamid Lazan, BSc (Malaya), MSc (R’dg), PhD (Macquarie)
Ismail Ahmad, BSc (Malaya), MS (Br.Col.), PhD (Arkansas)
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Nor Muhammad Mahadi, BCM, BSc, PhD (Monash), Normah Mohd. Noor, BCN, BA (Macalester Coll.), MS (Mich. State), PhD (UPMalaysia)
Othman Omar, BSc (UKMalaysia), MSc (Mahidol), PhD (Sheffield)
Rahman Mohamed, BSc (CNA), PhD (Queensland)
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Koh Aik Khoon, BSc (UKMalaysia), MSc (Bath), PhD (NSW), CMMSA
Muhamad Othman, Drs (GAMA) Dr.rer.nat (Hannover)

**School of Biosciences & Biotechnology**

**Types of Programmes**
- Master of Science: (By Thesis)
  - Biochemistry; Microbiology;
  - Botany; Genetics; Zoology

**Programme Structure**
Every candidate of the programme is expected to successfully complete 36 units, consisting of 26 units of research and 10 units of courses. The research projects can be selected from the following areas, namely, Biochemistry, Molecular Biology, Microbiology, Plant Science or Plant Biotechnology, and Animal Science or Animal Biotechnology.

The required 10 units of courses should be made up of 6 units of core courses and 4 units of electives, respectively. The core courses are those offered by the Faculty and School while the electives can be chosen from any offered by the other Schools of Study.

**COURSES OFFERED**

**Core Courses**
- STPD 6014 Research Methodology
- STBP6242 Latest Development in Molecular and Cell Biology
- STBP6252 Management of Biotechnology

**School Courses (Electives)**
- STBP6262 Bioinformatics
- STBP6342 Bioprocessing Technology
- STBP6352 Molecular Phylogeny
- STBP6362 Regulation of Cell Development
- STBP6442 Biology of Cancer Cells
- STBP6452 Molecular Mechanisms of Pathogenicity
- STBP6462 Molecular Genetics of Plant Development
- STBP6984 Thesis Research I
- STBP6986 Thesis Research II
- STBP6988 Thesis Research III
- STBP6998 Thesis Research IV

**ACADEMIC STAFF**

**Chair Person**
Prof. Dr. Normah Mohd. Noor

**Professor**
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Nor Muhammad Mahadi, BCM, BSc, PhD (Monash), Normah Mohd. Noor, BCN, BA (Macalester Coll.), MS (Mich. State), PhD (UPMalaysia)
Othman Omar, BSc (UKMalaysia), MSc (Mahidol), PhD (Sheffield)
Rahman Mohamed, BSc (CNA), PhD (Queensland)
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Zainon Mohd. Ali, BSc (UKMalaysia), PhD (Macquarie)

**Associate Professor**
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**Lecturer**
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Koh Aik Khoon, BSc (UKMalaysia), MSc (Bath), PhD (NSW), CMMSA
Muhamad Othman, Drs (GAMA) Dr.rer.nat (Hannover)

**School of Biosciences & Biotechnology**

**Types of Programmes**
- Master of Science: (By Thesis)
  - Biochemistry; Microbiology;
  - Botany; Genetics; Zoology

**Programme Structure**
Every candidate of the programme is expected to successfully complete 36 units, consisting of 26 units of research and 10 units of courses. The research projects can be selected from the following areas, namely, Biochemistry, Molecular Biology, Microbiology, Plant Science or Plant Biotechnology, and Animal Science or Animal Biotechnology.

The required 10 units of courses should be made up of 6 units of core courses and 4 units of electives, respectively. The core courses are those offered by the Faculty and School while the electives can be chosen from any offered by the other Schools of Study.
Sahidan Senafi, SMP, BSc (UKMalaysia), MMedSc (WAustralia), PhD (Dundee)
Sheila Nathan, BSc (UKMalaysia), MSc, PhD (Sussex)
Wan Kiew Lian, BSc (UKMalaysia), PhD (Cambridge)
Zulkifliie Zamrod, B.A (Humboldt), PhD (UCSD/San Diego State)

Lecturer
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Farah Diba Abu Bakar, BSc (Guelph), MSc (NuS)
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Mahanem Mat Noor, BSc (Malaya), PhD (Sheffield)
Md. Anuar Osman, DVM (Punj), MSc, PhD (WAustralia)
Mohd. Sharom Mohd. Yusof, BSc (Sussex), MSc, PhD (London)
Nazlina Ibrahim, BSc, MSc (UKMalaysia), PhD (Warwick)
Nik Marzuki Sidik, BSc (UKMalaysia), PhD (Wales)
Roohaida Othman, BSc, PhD (Southampton)
Shahrul Hisham Zainal Ariffin, BSc (Malaya), MSc (UKMalaysia)
Zamri Zainal, BSc (UKMalaysia), PhD (Nottingham)

SCHOOL OF CHEMICAL SCIENCES AND FOOD TECHNOLOGY

PROGRAMME STRUCTURE

Master of Science (Chemistry)

a) By Coursework
Candidates who follow the Master of Science (Chemistry) programme with coursework are required to register and pass at least 36 units during the study period.

COURSES OFFERED

Core Courses
STKK6976 Research Project I
STPD6014 Research Methodology
STKK6612 Quantum Chemistry
STKK6312 Inorganic Synthesis and Mechanism
STKK6512 Chemistry of Organic Synthesis
STKK6712 Principle of Analytical Instrumentation and Design
STKK6986 Research Project II
STKK6612 Macromolecule System
STKK6322 Applied Inorganic Chemistry
STKK6522 Spectroscopy in Organic Chemistry
STKK6722 Chemistry Management System

Elective Courses (Choose 2 from 5 courses)
STKK6642 Electrochemistry
STKK6342 Physical Inorganic Chemistry
STKK6542 Kinetic and Reaction Mechanism
STKK6742 Surface Sciences
STKK6942 Radiochemistry Techniques

b) By Thesis
Candidates registering for this programme are required to complete a minimum of 36 units to obtain the degree. Out of the total of 36 units, 28 units should comprise of thesis research and 8 units of course work. The core courses are as follows:

STPD6014 Research Methodology
STKK6614 Laboratory Research Skill
STKK6816 Thesis Research I
STKK6826 Thesis Research II
STKK6838 Thesis Research III
STKK6848 Thesis Research IV

Master of Science (Food Science)

a) By Coursework
Candidates registering for this programme must successfully complete a minimum of 36 units of course work. Out of the total of 36 units, 32 units are compulsory courses and 4 units are elective courses. Students that are not from the fields of Food Science and Nutrition or food Science and Technology are required to take undergraduate courses as prerequisite courses. Courses taken must be appropriate to the students’ field of specialisation and will be decided by the programme.

COURSES OFFERED

Core Courses
STKM6113 Advanced Food Microbiology
STKM6313 Food Chemistry
STKM6712 Food and Nutritional Toxicology
STPD6014 Research Methodology
STKM6032 Fat and Oil Science
STKM6042 Confectionary and Chocolate Technology
STKM6976 Research Project I
STKM6123 Advanced Food Chemistry
STKM6323 Food Processing Operation
STKM6722 Food Packaging
STKM6063 Food Additive
STKM6023 Protein-Based Product Technology
STKM6242 Food Safety Management
STKM6986 Research Project II

b) By Thesis
Students registering for this program are required to complete a minimum of 36 units to obtain the degree. Out of the 36 units, 26 units should comprise of research and 10 units of coursework. Core courses are as follows:

STPD6014 Research Methodology
STKM6313 Food Quality
STKM6123 Advanced Food Chemistry
STKM6816 Research I
STKM6826 Research II
STKM6836 Research III
STKM6848 Research IV

ACADEMIC STAFF

Chair Person
Professor Dr. Ibrahim Baba

Professor
Abdul Hamid Othman, BSc (Malaya), PhD (Reading), AMIC, DNS, KMN, PMC
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Aminah Abdullah, Dip. Agric (UPMalaysia), BS (LSU), MAg (.NCSU, Raleigh), PhD (Missouri)
Bohari Mohd. Yamin, BSc (Malaya), PhD (King's College, London), PJK, KMN, AMK
Ibrahim Abdullah, BSc (Malaya), PhD (Calif), AMIC, AMN, ANK
Ibrahim Baba, BSc (UKMalaysia), PhD (Reading), AMIC
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Mohd. Wahid Samsudin, PCM, BSc (UKMalaysia), PhD (Reading)
Sukiman Sarmani, BSc (UKMalaysia), PhD (Reading), AMIC
Ishak Ahmad, BSc (UKMalaysia), PhD (UMIST)
Jalifah Latip, BSc (UKMalaysia), MSc (Pharmacol), PhD (Strathclyde)
Suriah Abdul Rahman, BSc (Malaya), PhD (Mississippi)
Wan Yaacob Wan Ahmad, BSc (UKMalaysia), MSc (Southern Calif)
Yang Farina Abdul Aziz, BSc (Hons) (Manchester), PhD (Reading), AMIC

SCHOOL OF MATHEMATICAL SCIENCES

PROGRAM STRUCTURE

Master of Science (Mathematics)

The Master of Science (Mathematics) program consists of three modules as follows:

- Pure Mathematics Module
- Mathematical Physics Module
- Management Mathematical Science Module

a) By Thesis
Candidates who choose to do Thesis are required to take 8 units of courses (consisting of STPD6014 Research Method and another course of 4 units related to the field of research) and 28 units of Thesis Research.

COURSES OFFERED

STPD6014 Research Method
One 4 units course related to the field of research

b) By Coursework
Candidates who choose to do Coursework only are required to take and pass at least 28 units of courses (compulsory and optional) besides completing a research project of 8 units.

Pure Mathematics Module
COURSES OFFERED

Core Courses
- STQM6114 Topology
- STQM6124 Algebra
- STQM6134 Functional Analysis
- STQM6224 Complex Analysis
- STQM6292 History and Philosophy of Mathematics
- STQM6988 Research Project

Elective Courses
- STQM6144 Differential Geometry
- STQM6214 Fuzzy Mathematics
- STQM6234 Ergodic Theory
- STQM6244 Algebraic Topology
- STQM6254 Combinatorial Group Theory
- STQM6264 Category Theory
- STQM6274 Measure Theory and Integration

Mathematical Physics Module

COURSES OFFERED

Core Courses
- STQM6014 Deterministic Control Theory and its Applications
- STQM6314 Quantization Method
- STQM6334 Classical and Quantum Fields
- STQM6414 Dynamical System
- STQM6514 Philosophical Issues in Mathematical Physics
- STQM6524 Linear Modelling of Non-Deterministic Dynamical System
- STQM6534 Fluid Mechanics
- STQM6988 Research Project

Elective Courses
- STQM6184 Multi-objectives Deterministic Linear Planning
- STQM6214 Fuzzy Mathematics
- STQM6234 Research Theory
- STQM6324 Numerical Method of Heat Transfer and Fluid Flow
- STQM6344 Hamiltonian Dynamical System
- STQM6354 Algebraic Structure and Physical Science
- STQM6364 Fractal and Chaos in Physics
- STQM6544 Particle Physics and Cosmology
- STQM6554 Surface Statistics Thermodynamics, Interface and Membrane
- STQM6564 Global Analysis in Physics

Management Mathematical Science Module

COURSES OFFERED

Core Courses
- STQM6614 Quality Assurance and Standardisation
- STQM6624 Process Control and Quality Improvement
- STQM6634 Total Quality Management
- STQM6998 Research Project

Elective Courses
- STQM6184 Multi-objectives Deterministic Linear Planning

Master of Science (Statistics)

a) By Thesis
Candidates who choose to do Thesis are required to take 8 units of courses (consisting of STPD6014 Research Method and another course of 4 units related to the field of research) and 28 units of thesis Research.

COURSES OFFERED

STPD6014 Research Method
One 4 units course related to the field of research.

STQS6814 Thesis Research I
STQS6828 Thesis Research II
STQS6838 Thesis Research III
STQS6848 Thesis Research IV

b) By Coursework
Candidates who choose to do Coursework only are required to take and pass at least 28 units of courses (compulsory and optional) besides completing a research project of 8 units.

COURSES OFFERED

Core Courses
- STQS6034 Statistical Inference
- STQS6254 Experimental Design and Analysis
- STQS6274 Statistical Computing
- STQS6584 Statistical Modelling
- STQS6988 Research Project

Elective Courses
- STQS6064 Medical Statistics
- STQS6094 Sampling Technique
- STQS6244 Stochastic Processes
- STQS6284 Multivariate Analysis
- STQS6444 Time Series Modelling and Forecasting

Master of Science (Quality and Productivity Improvement)

Candidates are required to take 24 units of core courses with 12 units of elective courses.

COURSES OFFERED

Core Courses
- STQM6614 Quality Assurance and Standardisation
- STQM6624 Process Control and Quality Improvement
- STQM6634 Total Quality Management
- STQM6654 Systems Methodology
- STQM6998 Research Project
Elective Courses
STQM6514 Quality Management in Service Sector
STQK6524 Productivity Measurement
STQK6534 Marketing Research Method
STQK6544 Quality Design and System Certainty
STQM6624 Statistical Decision Model
STQM6614 Deterministic Decision Model

ACADEMIC STAFF

Chair Person
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Mohktar Abdullah, BSc (UKMalaysia), MSc (Kent), PhD (Dundee)
Shaharir Mohamad Zain, BSc, PhD (LaTrobe), FIIFM, FIMA, FIA, FIBA (UK)

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Ishak bin Hashim, BSc (Ohio State), MSc (Heriot-Watt), PhD (Strath.)
Kamarulzaman Ibrahim, BS (S. Carolina), MA (Miss.), PhD (N’cle)
Kamaruzzaman Matharsha, BSc (Aston), MSc (L’b)ora
Maslina Darus, BSc (Acadia), PhD (Wales)
Mohd. Idris Jayes, BSc (Malaya), MSc, PhD (L’b)ora
Mohd. Kidin Shahran, BSc, MSc (Wales), PhD (Nott.)
Mohd. Salmi Md. Noorani, BSc, MSc, PhD (Warwick)
Najib Mahmood Rafee, BSc, Dip. Ed (NE Aust.), MSc (London), MSc (Sheff.), FSS (UK)
Zaidi Isa, BSc, MBA, PhD (UKMalaysia)

Lecturer
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Alawiah Ibrahim, BSc, MSc (UKMalaysia)
Azmin Sham Rambely, BSc (Arizona), MSc (N’cle)
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Hamizun Ismail, BS, MS (Iowa)
Izzah Abdullah, BSc (UKMalaysia), MA (Penn. State)
Khairul Anuar Mohd. Ali, BBA (Washington State), Dip.TESL. (MTC), MBA (UKMalaysia)
Liong Choong Yeun, BSc (UTMalaysia), MSc, PhD (Cranfield)
Marina Zahari, BSc (Kent), MSc (UPMalaysia)
Mohammad Alinor Abdul Kadir, BSc, MSc (UKMalaysia), PhD (Wales)
Mohammad Nasir Saludin, BA (Malaya), MSc (UPMalaysia)
Muhammad Hafiz Hj. Khozali, BSc (Malaya), MSc, PhD (City)
Nasruddin Hassan, BS (W. Illinois), MS (W. Mich.)
Noriszura Ismail, BS, MS (Iowa)
Noriza Majid, BSc (UKMalaysia), MSc (City)

SCHOOL OF ENVIRONMENTAL AND NATURAL RESOURCE SCIENCES

PROGRAMME STRUCTURE

Master of Science:
(Biology; Botany; Genetics; Zoology; Geology; Marine Science; Environmental Science)

a) By Thesis

Students are required to complete 36 units, with 26 units of Thesis Research towards preparing a thesis and 10 units of course work.

COURSES OFFERED

STPD6014 Research Methodology
STAP6906 Thesis Research I
STAP6916 Thesis Research II
STAP6926 Thesis Research III
STAP6938 Thesis Research IV

and 6 elective units offered by any of the Schools in the Faculty of Science and Technology with prior approval of the student’s supervisor.

b) By Coursework

Master of Science (Conservation Biology)

Candidates may enrol at the start of any semester. The 36 unit curriculum is composed of 12 units of core courses, 12 elective units and 12 units of research on an issue pertaining to conservation biology that is written up as a thesis-quality report.

COURSES OFFERED

Core Courses
STPD6014 Research Methodology
STAP6013 Natural Resource Exploration
STAP6032 Biogeography
STAP6063 Geographical Information System and Remote Sensing
STAP6976 Research Project I
STAP6986 Research Project II
Elective Courses
STAB6113 Conservation Biology
STAB6023 Conservation Ethics and Legislation
STAB6033 Population and Community Ecology
STAB6073 Principles of Molecular Systematics
STAB6083 Economics of Natural Resources and the Environment

Master of Science (Plant Genetic Resource Management)
The Master of Science (Plant Genetic Resource Management) is a 12-month (2 semesters) course-work programme. Candidates are required to take 36 units, with 12 units of core courses, 12 units of electives and 12 units of research.

COURSES OFFERED
Core Courses
STPD6014 Research Methodology
STAP6032 Biogeography
STAP6043 Plant Diversity and Systematics
STAP6073 Environmental Management System
STAP6976 Research Project I
STAP6986 Research Project II

Elective Courses
STAB6143 Economic Botany and Ethnobotany
STAB6903 Plant Genetic Resource Diversity
STAB6913 Population Ecology and Community
STAB6923 Principles of Molecular Systematics

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