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# INTRODUCTION

The Faculty of Educational Studies of Universiti Putra Malaysia was established on 15<sup>th</sup> January 1975 with the intention to become renowned center of excellence in areas of education and human resource development in this region and aspires to be recognized internationally. This faculty carries four major functions which are:

- i. To conduct teacher education programmes,
- ii. To conduct post-graduate programmes in the fields of educational studies and human resource development,
- iii. To provide extension programmes and consultancy services within the university as well as to the community at large, and
- iv. To conduct research in areas related to educational studies and human resource development.

With about 40 years of experience and recognition as top 51-100 education faculty in the world, the Faculty of Educational Studies of Universiti Putra Malaysia is an established institution that provides outstanding programmes and environment for students to grow and enhance their knowledge in various fields of education and human resource development. The faculty offers graduate programme degrees comprising of the Master of Science degree (M.S.), Master of Education degree (M.Ed.), Master of Human Resource Development (M.HRD) and Doctor of Philosophy degree (Ph.D.) which are up to date and in accordance with the current scenario locally and internationally.

In order to ensure excellence in students' learning, 90% of academic staffs are Ph.D. degree holders with vast experience in their own field of teaching and research. They work closely with schools, communities, training institutions and other public and private organizations to address problems and cultivate smart solutions. The faculty promotes a synergistic education atmosphere where the community at large encourages opportunities for graduate students to work with the faculty members in various areas of research. In addition to the creative environment, the faculty is well equipped with infrastructure for students that includes auditorium, resource centre, lecture halls, computer labs, tutorial rooms and study rooms.

The Faculty of Educational Studies is determined to prepare professionals for leadership roles in education, extension work, and human resource development. Thus, we welcome students from a wide array of professional fields; teachers, counsellors, administrators and professionals. The diversity of our students will stimulate and inspire innovative minds towards cultivating future leaders of the 21<sup>st</sup> century.

## **MISSION OF THE FACULTY**

The Faculty envisions itself as a centre for excellence in teaching, learning, research, and consultancy services contributing to positive growth in education and professional development.

## **VISION OF THE FACULTY**

The objectives of graduate education at the Faculty of Educational Studies are:

- i. To prepare qualified professionals for leadership roles in the development and implementation of academic programmes in all areas of formal and informal education,
- ii. To improve the condition of learning and teaching by conducting comprehensive and rigorous research that addresses issues and problems facing education, and
- iii. To provide opportunities for continuous professional development for all educators and human resource development personnel.

# ADMISSION REQUIREMENTS

## **Master of Education (M.Ed.)**

Applicants must have:

- A Bachelor's degree in a related area from universities recognised by Universiti Putra Malaysia with a Cumulative Grade Point Average (CGPA) of not less than 3.00.
- Candidates applying for Master's degree in Guidance and Counselling and Master's degree in Teaching of English as a Second Language (TESL) must pass both the oral interview and the written assessment conducted by the Faculty.

## **Master of Science (M.S.)**

Applicants must have:

- A Bachelor's degree in a related area from universities recognised by Universiti Putra Malaysia with a Cumulative Grade Point Average (CGPA) of not less than 3.00.
- Candidates applying for Master's degree in Guidance and Counselling and Master's degree in Teaching of English as a Second Language (TESL) must pass both the oral interview and the written assessment conducted by the Faculty.

## **Doctor of Philosophy (Ph.D.)**

Applicants must have:

- A Master's degree in a related area from universities recognised by Universiti Putra Malaysia with a Cumulative Grade Point Average (CGPA) of not less than 3.00.
- Candidates applying for Ph.D in Guidance and Counselling and Master's degree in Teaching of English as a Second Language (TESL) must pass both the oral interview and the written assessment conducted by the Faculty.

# DURATION OF PROGRAMME

## **Master Degree Programmes**

The minimum and maximum durations of study are one (1) years and three (3) years respectively. For part-time mode, the minimum and maximum durations of study are two (2) years and four (4) years respectively.

## **Doctor of Philosophy (Ph.D.)**

The minimum and maximum durations of study are two (2) years and five (5) years respectively. For part-time mode, the minimum and maximum durations of study are four (4) years and six (6) years respectively.

# TUITION FEES

## Fees for Local Students

<b>Masters Programmes - With Credit Fees</b>	<b>First Semester (RM)</b>	<b>Second and Subsequent Semesters (RM)</b>	<b>Final Semester (RM)</b>	<b>Additional Fee Per-credit (RM)</b>
Masters Without Thesis	1,200.00	950.00	950.00	200.00

<b>Programmes</b>	<b>1st Semester (RM)</b>	<b>2nd &amp; 3rd Semesters (RM)</b>	<b>4th Semester (RM)</b>	<b>5th &amp; Subsequent Semesters (RM)</b>
Masters With Thesis	1,900.00	1,650.00	1,150.00	1,650.00
PhD	<b>1st Semester (RM)</b>	<b>2nd - 4th Semesters (RM)</b>	<b>5th - 6th Semesters (RM)</b>	<b>7th &amp; Subsequent Semesters (RM)</b>
	2,462.50	2,212.50	1,650.00	2,650.00

## Fees For International Students

<b>Masters Programmes - With Credit Fees</b>	<b>First Semester (RM)</b>	<b>Second and Subsequent Semesters (RM)</b>	<b>Final Semester (RM)</b>	<b>Additional Fee Per-credit (RM)</b>
Masters Without Thesis	2,200.00	1,950.00	1,950.00	350.00

<b>Programmes</b>	<b>1st Semester (RM)</b>	<b>2nd &amp; 3rd Semesters (RM)</b>	<b>4th Semesters (RM)</b>	<b>5th &amp; Subsequent Semesters (RM)</b>
Masters With Thesis	5,750.00	3,850.00	3,350.00	3,600.00
PhD	<b>1st Semester (RM)</b>	<b>2nd - 4th Semesters (RM)</b>	<b>5th - 6th Semesters (RM)</b>	<b>7th &amp; Subsequent Semesters (RM)</b>
	5,762.50	4,012.50	3,450.00	3,800.00

# PROGRAMME EDUCATIONAL OBJECTIVES

## MASTER'S DEGREE IN EDUCATION

An education programme at the masters level aims to provide graduates with advanced knowledge in specialized areas of education, with clear directions and pathways to acquire, generate, enhance, hone knowledge and skills, whilst making cross-linkages with other knowledge disciplines such as the humanities, the social sciences and the physical sciences.

The programme objective at the masters level is specifically to educate and train learners to become graduate scholar-teachers who are able to:

1. make judgments of relevant theories and practices and demonstrate capability of producing new and creative knowledge in order to be effective and inspiring professionals;
2. critically analyse, and synthesize the understanding of their own sources of mature professional knowledge and professional practices to solve significant problems;
3. plan and execute innovative projects, research initiatives and write dissertations, theses and reports for the purpose of building and applying knowledge for the benefit of the profession and society as a whole;
4. demonstrate capabilities in generating and communicating knowledge effectively through the practice of life-long learning and life-long contribution;
5. lead and participate in knowledge generation and in championing intellectual property rights and acknowledgments of original works by others, guarding against plagiarism and other academic improprieties; and
6. acquire general knowledge and develop diverse educational specializations, individual talents and potentialities.

## DOCTORAL DEGREE IN EDUCATION

An education programme at the Doctoral level aims to enable graduates to become exemplary educational leaders, policy makers, practitioners, educational researchers and thought leaders. The programme also aims to provide graduates with the ability to undertake scholarly research and be in the forefront of their specialized fields; become credible authorities and experts, as professional educators, who would further facilitate the generation and advancement of knowledge and set the highest standards of professionalism. Doctoral programmes must contribute to both the development of individual scholars and the development of learning communities, involving schools, post-secondary institutions, workplaces, and community-based organizations. The graduate attributes of doctoral degree holders, include, the mastery of multidisciplinary and multiple intelligences and modes of thinking in educational and non-educational contexts, and, deep and broad understanding of multi-culturalism and diversity. Such graduates would also have the knowledge and intellectual capacity to engage in inter-cultural and inter-disciplinary dialogues, to understand profoundly the various schools of social and educational thought, and, to meaningfully contribute to solve educational problems, nationally and internationally.

The programme objective at the doctoral level is to educate and train learners to become graduates who are scholar-educators able to:

1. grow and become accomplished and experienced educational professionals able to make judgments of relevant theories and practices and be capable of producing new and relevant knowledge through research;

2. synthesize and evaluate professional knowledge and practice and apply such knowledge to solve significant problems;
3. initiate and innovate independent projects and research activities for the purpose of building and applying knowledge for the benefit of the local community, national society and the global community;
4. participate in scholarly discourses and disseminate knowledge through publications and journals and other means of knowledge dissemination in the academic and non-academic world; and
5. develop expertise in teaching, coaching and mentoring and build credibility to become role models in appropriate educational contexts.

#### **MASTER'S AND DOCTORAL DEGREE IN HUMAN RESOURCE DEVELOPMENT**

The general goal is to develop broadly-trained graduates through the:

1. development of knowledge, research and communication skills and competency based on the scientific / enquiry process and its outcomes;
2. enhancement of generic skills such as attitudes, ethics, sense of professionalism and leadership skills for societal advancement within the framework of the national vision;
3. utilisation of analytical and problem solving skills in order to evaluate and make decisions critically and creatively based on research evidence and / or experience;
4. enhancement of the quest for knowledge and lifelong learning skills in line with the advancement of global development;
5. research outcomes that are relevant to the national and international context; and
6. dissemination of research outcomes through publication

# PROGRAMME OUTCOMES

## MASTERS DEGREE IN EDUCATION

At the end of the programme the scholar-teachers should be able to:

1. apply and integrate knowledge relating to current research issues in specific areas of study;
2. apply research techniques to acquire, interpret and extend educational knowledge in areas of study;
3. demonstrate the capability to communicate, lead and work together in building new knowledge;
4. synthesize advanced knowledge and engage in problem solving and scientific skills;
5. demonstrate the capabilities and dispositions to work as engaged professional educators in building learning communities into the future;
6. design and conduct research professionally and ethically; and
7. continuously, incrementally and cumulatively develop encyclopaedic general knowledge and diverse individual talents and potentialities.

## DOCTORAL DEGREE IN EDUCATION

At the end of the programme, scholar -teachers should be able to:

1. demonstrate systematic comprehension and in-depth understanding of a specific area of study;
2. demonstrate the capability as researcher, and, the skills to supervise research projects;
3. critically analyse, evaluate and synthesize new and complex ideas;
4. demonstrate critical, creative and analytical thinking, and effective problem-solving;
5. broaden the boundary of knowledge through in depth thesis exposition of a field and knowledge generation in the field of studies;
6. communicate mature knowledge to peers, scholarly communities and society at large through publications and other academic media;
7. demonstrate the capacity to understand and advance educational thought in multidisciplinary ways;
8. develop capacity to contribute meaningfully to development beyond the education sector;
9. develop knowledge mastery which enhance the capacity for discourse and engagement with knowledge and thought leaders in other fields; and
10. continuously and incrementally develop encyclopaedic general knowledge and diverse individual talents and potentialities.

## **MASTERS DEGREE IN HUMAN RESOURCE DEVELOPMENT**

At the end of the programme, graduates must be able to:

1. demonstrate mastery of knowledge in the relevant field;
2. apply practical skills in the relevant field;
3. relate ideas to societal issues in the relevant field;
4. conduct research with minimal supervision and adhere to legal, ethical and professional codes of practice;
5. demonstrate leadership qualities through communicating and working effectively with peers and stakeholders;
6. generate solutions to problems using scientific and critical thinking skills; and
7. manage information for lifelong learning.

## **DOCTORAL DEGREE IN HUMAN RESOURCE DEVELOPMENT**

At the end of the programme, graduates must be able to:

1. synthesise knowledge and contribute to original research that broadens the frontier of knowledge in the relevant field;
2. adapt practical skills leading to innovative ideas in the relevant field;
3. provide expert advice to society in the relevant field;
4. conduct research independently and adhere to legal, ethical and professional codes of practice;
5. display leadership qualities through communicating and working effectively with peers and stakeholders;
6. appraise problems in the relevant field critically using scientific skills; and
7. integrate information for lifelong learning.

# PROGRAMME OFFERED

## MASTER OF EDUCATION (M.Ed.)

### Programme Requirements

The Master of Education degree will be conferred to graduate students who meet the following requirements:

1. Maintain a Cumulative Grade Point Average (CGPA) of at least 3.00.
2. Successfully completed all courses (40 credits, 55 credits for Guidance and Counselling) as specified by the students' academic advisors within the time specified by the School of Graduate Studies.

There may be a variation of programme requirements for certain fields of study. Students are advised to refer to specific field of study for further information.

### Fields of study offered under Master of Education

1. Curriculum and Instruction
2. Educational Administration
3. Educational Psychology
4. Educational Technology
5. Guidance and Counselling
6. Physical Education
7. Sports Science
8. Teaching of English as a Second Language
9. Teaching of Malay as a First language
10. Technical and Vocational Education

## MASTER OF HUMAN RESOURCE DEVELOPMENT (M.HRD)

### Programme Requirements

The Master of Human Resource Development degree will be conferred to graduate students who meet the following requirements:

1. Maintain a Cumulative Grade Point Average (CGPA) of at least 3.00.
2. Successfully completed all courses (40 credits) as specified by the students' academic advisors within the time specified by the Graduate School Office.

## MASTER OF SCIENCE (M.S.)

### Programme Requirements

The Master of Science degree will be conferred to graduate students who meet the following requirements:

1. Successfully enrolled for and passed two (2) research courses (Research Methods and Statistics) as required by the Faculty.
2. Register for **SPS5999 (Master Research)**. At the end of the programme a student has to submit a thesis based on the research conducted. The thesis will be examined and a viva voce will be conducted to determine the student's competency in the field of study.
3. Register and pass a graduate seminar course **SPS5903 (Seminar)**. The student must present his/her research proposal in this seminar course.
4. Students in the Master of Science degree programme who commenced their study

from First Semester 2008/2009 onwards are **required to publish the findings of their research in journal article(s)** (Senate, Minute 513.05).

- a. The criteria of the publication for Master degree is one (1) article already submitted for publication in a journal.
- b. Before sitting for the viva voce, the student is required to provide a certified copy of the acceptance letter and/ or written evidence of submission of his/ her manuscript to a journal.
- c. Failure to provide the relevant document will not prevent the student from sitting for the viva voce. **However, if passed, the result will not be considered for conferment of a degree by Senate until the required document(s) is/are submitted.**

#### **Fields of study offered under Master of Science**

1. Curriculum and Instruction
2. Educational Administration
3. Educational Psychology
4. Sociology of Education
5. Educational Technology
6. Extension Education
7. Guidance and Counselling
8. Human Resource Development
9. Moral Education
10. Physical Education
11. Sports Science
12. Teaching of English as a Second Language
13. Teaching of Malay as a First language
14. Teaching of Malay Literature
15. Technical and Vocational Education
16. Health Education and Communication

#### **DOCTOR OF PHILOSOPHY (Ph.D.)**

##### **Programme Requirements**

The Doctor of Philosophy degree will be conferred to graduate students who meet the following requirements:

1. Successfully enrolled for and passed two (2) research courses (Research Methods and Statistics) as required by the Faculty.
2. Register for **SPS6999 (Doctoral Research)**. At the end of the programme a student has to submit a Doctor of Philosophy thesis based on the research conducted. The thesis will be examined and a viva voce will be conducted to determine the student's competency in the field of study.
3. Students must pass a written and oral comprehensive examination. The examination will take place once the student has completed all courses as specified in the programme of study. Students are permitted to sit for the comprehensive examination for not more than two times.
4. Prior to conducting a doctoral research and after having passed the comprehensive examination, the student must present a Ph.D. research proposal at the faculty level for approval from the Faculty Graduate Study Committee. The Ph.D. student must register for **SPS6903 (Seminar)** latest by the third (3) semester to present his or her Ph.D. research proposal. This course will be graded as (M) Satisfactory/(TM) Unsatisfactory.
5. Students in Ph.D. programmes who commenced their study from First Semester 2008/2009 onwards are **required to publish the findings of their research in journal article(s)** (Senate, Minute 513.05).

- a. The criteria of the publication for Ph.D degree are :
  - i. One (1) journal article already published or accepted for

- publication; and
- ii. One (1) article already submitted for publication in a journal.

**Note :** *For fields in the social sciences, one (1) book chapter is equivalent to one(1) journal article.*

- b. Before sitting for the viva voce, the student will be required to provide a certified copy of the acceptance letter and/ or written evidence of submission of his/her manuscript to a journal.
- c. Failure to provide the relevant document shall not prevent the student from sitting for viva voce. **However, if passed, the result will not be considered for conferment of a degree by Senate until the required document(s) is/are submitted.**

#### **Fields of study offered under Doctor of Philosophy**

1. Curriculum and Instruction
2. Educational Administration
3. Educational Psychology
4. Sociology of Education
5. Educational Technology
6. Extension Education
7. Guidance and Counselling
8. Human Resource Development
9. Moral Education
10. Physical Education
11. Sports Science
12. Teaching of English as a Second Language
13. Teaching of Malay as a First language
14. Teaching of Malay Literature
15. Technical and Vocational Education
16. Health Education and Communication

# CURRICULUM AND INSTRUCTION

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Curriculum and Instruction are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	15
Elective Courses	9
Project Paper or two other courses from Curriculum and Instruction field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**15 Credits**

Course Code	Course Name	Credit
EDU5350	Curriculum Development	3
EDU5352	Curriculum Evaluation	3
EDU5042	Assessment in Instructions	3
EDU5043	Innovation in Instructions	3
EDU5356	Curriculum Theory	3

### Elective Courses

**9 credits**

Course Code	Course Name	Credit
EDU5047	Instructional Model and Strategies	3
EDU5353	Value and Curriculum	3
EDU5354	Curriculum Planning	3
EDU5355	Curriculum Inquiry	3
EDU5751	Pedagogy in Science Education	3
EDU5754	Curriculum Design in Science Education	3
EDU5700	Theories and Development in Mathematics Education	3
EDU5707	Pedagogy in Mathematics	3
EDU5429	Entrepreneurial Educational Practice	3
EDU5431	Entrepreneurship	3
EDU5432	Entrepreneurship Pedagogy	3
EDU5600	Philosophy and Thoughts in Islamic Education	3
EDU5601	Psychological and Sociological Foundations in Islamic Education	3

Course Code	Course Name	Credit
EDU5603	Methods of Teaching Islamic Education	3
EDU5650	Ethics	3
EDU5651	Psychology of Moral Development	3
EDU5654	Approaches to Moral Education	3
EDU5435	Entrepreneurship Education and Training	3
EDU5450	Innovation in Entrepreneurship Education	3
EDU5641	Islamic Ethics	3
EDU5642	Islam and Social Relation	3
EDU5818	Instructional Supervision	3
EDU5905	Concept of Education and Teaching Profession	3

**Project Paper or two other courses from Curriculum and Instruction field of study**

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <b>or</b> two other courses from Curriculum and Instruction field of study	6

### MASTER OF SCIENCE

Students pursuing a Master of Science degree in Curriculum and Instruction are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

### DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Curriculum and Instruction are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# EDUCATIONAL ADMINISTRATION

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Educational Administration are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Educational Administration field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**18 credits**

Course Code	Course Name	Credit
EDU5811	Educational Leadership	3
EDU5813	Human Relations in Education	3
EDU5815	Management of Educational Information System	3
EDU5816 <i>or</i> EDU5823	School Management <i>or</i> Administration of Higher Education Institutions	3
EDU5812	Financial Management in Education	3
EDU5821	Personnel Management in Education	3

### Elective Courses

**6 credits**

Course Code	Course Name	Credit
EDU5814	Ethics of Educational Management	3
EDU5817	Community and School Management	3
EDU5818	Instructional Supervision	3
EDU5819	Principalship	3
EDU5822	Training and Staff Development in Education	3
EDU5824	Quality Management in Higher Learning Institutions	3
EDU5905	Concept of Education and Teaching Profession	3

### Project Paper or two other courses from Educational Administration field of study

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Educational Administration field of study	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Educational Administration are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Educational Administration are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# EDUCATIONAL PSYCHOLOGY

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Educational Psychology are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	15
Elective Courses	9
Project Paper or two other courses from Educational Psychology field of study	6

### Compulsory Courses

10 credits

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

15 credits

Course Code	Course Name	Credit
EDU5010	Principles of Educational Psychology	3
EDU5014	Theories of Learning	3
EDU5016	Motivation in Education	3
EDU5017	Thinking	3
EDU5019	Cognitive Psychology	3

### Elective Courses

24 credits

Course Code	Course Name	Credit
EDU5011	Children and Adolescent Development	3
EDU5012	Attitude Formation and Change	3
EDU5015	Problem Solving in Education	3
EDU5046	Interaction in The Classroom	3
EDU5078	Multicultural Education	3
EDU5651	Psychology of Moral Development	3
EDU5018	Students with Special Educational Needs	3
EDU5905	Concept of Education and Teaching Profession	3

### Project Paper or two other courses from Educational Psychology field of study

6 credits

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Educational Psychology field of study	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Educational Psychology are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Educational Psychology are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# SOCIOLOGY OF EDUCATION

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Sociology of Education are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Sociology of Education are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# EDUCATIONAL TECHNOLOGY

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Educational Technology are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Educational Technology field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**18 credits**

Course Code	Course Name	Credit
EDU5014	Theories of Learning	3
EDU5301	Instructional System Design	3
EDU5316	e-Learning and Management of Learning Community	3
EDU5317	Educational Technology	3
EDU5318	Diffusion of Innovations in Educational Technology	3
EDU5319	Evaluation in Educational Technology	3

### Elective Courses

**6 credits**

Course Code	Course Name	Credit
EDU5303	Instructional Message Design	3
EDU5304	Instructional Media	3
EDU5305	Instructional Resource Management	3
EDU5320	Distance Education	3
EDU5321	Multimedia and Communication Technology in Instruction	3
EDU5322	Information and Communication Technology in Education	3
EDU5815	Management of Educational Information System	3
EDU5905	Concept of Education and Teaching Profession	3

**Project Paper or two other courses from Educational Technology field of study**

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Educational Technology field of study	6

**MASTER OF SCIENCE**

Students pursuing a Master of Science degree in Educational Technology are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

**DOCTOR OF PHILOSOPHY**

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Educational Technology are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# EXTENSION EDUCATION

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Extension Education are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Extension Education are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# GUIDANCE AND COUNSELLING

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Guidance and Counselling are required to complete 55 credit hours of coursework including practicum, internship, and project paper within designated period of study. The curriculum structure is based on professional body standards and accredited by the Board of Counsellors (Malaysia).

Component	Credit
Compulsory Courses	10
Core Courses	39
Project Paper	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**39 credits**

Course Code	Course Name	Credit
CPE5100	Counselling and Personality Development Theories	3
CPE5200	Individual Counselling	3
CPE5201	Management and Supervision in Counselling	3
CPE5300	Culture Centred Counselling	3
CPE5400	Group Counselling	3
CPE5500	Career Development	3
CPE5501	Career Counselling Process	3
CPE5600	Testing and Measurement in Counselling	3
CPE5601	Assessment and Diagnosis in Counselling	3
CPE5800	Legal and Professional Ethics in Counselling	3
CPE5801	Counselling Practicum	3
CPE5802	Counselling Internship	6

### Project Paper

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Guidance and Counselling are required to complete 58 credit hours of coursework including practicum, internship, and thesis within designated period of study. The curriculum structure is based on professional body standards and accredited by the Board of Counsellors (Malaysia).

### List of Courses

Course Code	Course Name	Credit Hour
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
SPS5903	Seminar (required)	1
SPS5999	Master Research (required)	12
CPE5100	Counselling and Personality Development Theories	3
CPE5200	Individual Counselling	3
CPE5201	Management and Supervision in Counselling	3
CPE5300	Culture Centred Counselling	3
CPE5400	Group Counselling	3
CPE5500	Career Development	3
CPE5501	Career Counselling Process	3
CPE5600	Testing and Measurement in Counselling	3
CPE5601	Assessment and Diagnosis in Counselling	3
CPE5800	Legal and Professional Ethics in Counselling	3
CPE5801	Counselling Practicum	3
CPE5802	Counselling Internship	6

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Guidance and Counselling are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# HUMAN RESOURCE DEVELOPMENT

## MASTER OF HUMAN RESOURCE DEVELOPMENT

Students pursuing a Master's degree in Human Resource Development degree are required to complete a maximum of 40 credits of coursework. The credits are distributed into compulsory and elective courses.

Compulsory Courses	24 credits
Elective Courses	16 credits

### Compulsory Courses

**24 credits**

Course Code	Course Name	Credit
DCE5900	Research Methods	3
DCE5950	Statistics for Social Science	3
DCE5011	Adult Education Principles	3
DCE5110	Theories and Practices of Human Resource Development	3
DCE5131	Quality Improvement in Human Resource Development	3
DCE5231	Managing Training and Development System	3
DCE5632	Organisational Change and Development	3
DCE5634	Organisation, Employee and Community Relations	3

### Elective Courses

**16 credits**

Students should focus on their areas of interest by selecting 16 credits of elective courses with the recommendation and approval of the student's academic advisor. Students who are interested in doing a project paper may choose DCE5988 Project Paper (6 credits) as an elective course.

Course Code	Course Name	Credit
DCE5030	Programme Development	3
DCE5130	Multicultural in Human Resource Development	3
DCE5230	Training Programme Design and Management	3
DCE5631	Theory and Practice of Administration	3
DCE5633	Conflict Management	3
DCE5730	Leadership Development	3
DCE5731	Continuing Professional Education	3
DCE5920	Qualitative Research Method	3
DCE5934	Research Proposal Seminar	1
DCE5988	Project Paper	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Human Resource Development are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Human Resource Development are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# MORAL EDUCATION

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Moral Education are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Moral Education are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# PHYSICAL EDUCATION

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Physical Education are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Physical Education field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**18 credits**

Course Code	Course Name	Credit
EDU5506	Human Motor Development	3
EDU5500	History and Philosophy of Physical Education	3
EDU5512	Physiology of Physical Activity	3
EDU5530	Physical Education Approaches	3
EDU5531	Curriculum in Physical Education	3
EDU5532	Assessment in Kinesiology	3

### Elective Courses

**6 credits**

Course Code	Course Name	Credit
EDU5502	Sport and Exercise Psychology	3
EDU5526	Sport and Recreational Management	3
EDU5516	Supervision in Physical Education	3
EDU5524	Sport Methodology and Pedagogy	3
EDU5520	Advance Adapted Physical Education	3
EDU5905	Concept of Education and Teaching Profession	3

### Project Paper or two other courses from Physical Education field of study

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Physical Education field of study	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Physical Education are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Physical Education are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# SPORTS SCIENCE

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Sport Science are required to complete a maximum of 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Sport Science field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**18 credits**

Course Code	Course Name	Credit
EDU5502	Sports and Exercise Psychology	3
EDU5510	Human Biomechanics and Sports	3
EDU5512	Physiology of Physical Activities	3
EDU5514	Sports Nutrition	3
EDU5532	Assessment in Kinesiology	3
EDU5534	Exercise Prescription	3

### Elective Courses

**6 credits**

Course Code	Course Name	Credit
EDU5506	Human Motor Development	3
EDU5524	Sport Methodology and Pedagogy	3
EDU5525	Internship in Coaching	3
EDU5533	Programme Evaluation in Sport	3
EDU5535	Performance Analysis in Sport	3
EDU5905	Concept of Education and Teaching Profession	3

### Project Paper or two other courses from Sport Science field of study

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Sport Science field of study	6

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Sport Science are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Sport Science are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University

# TEACHING OF ENGLISH AS A SECOND LANGUAGE

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Teaching of English as a Second Language (TESL) are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Teaching of English as a Second Language field of study	6

### Compulsory Courses

10 credits

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

18 credits

Course Code	Course Name	Credit
EDU5251	Linguistic Application in TESL	3
EDU5255	Second Language Teaching and Learning	3
EDU5256	Professional Development in Language Education	3
EDU5265	TESL Methodology	3
EDU5266	Testing and Evaluation in TESL	3
EDU5277	Literature English as a Second Language	

### Elective Courses

6 credits

Course Code	Course Name	Credit
EDU5252	Advanced Teaching Oral of Communication for Language Teachers	3
EDU5253	Advanced Teaching of Reading Skills for Language Teachers	3
EDU5259	Grammar Instruction	3
EDU5264	Curriculum and Syllabus Design in TESL	3
EDU5278	Narrative Genres	3
EDU5262	Classroom Based Language Research	3
EDU5263	Computer-Assisted Language Teaching	3
EDU5276	Teaching Young Adult Literature	3
EDU5905	Concept of Education and Teaching Profession	3

**Project Paper or two other courses from Teaching of English as a Second Language (TESL) field of study**

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <b>or</b> two other courses from Teaching of English as a Second Language (TESL) field of study	6

**MASTER OF SCIENCE**

Students pursuing a Master of Science degree in Teaching of English as a Second Language (TESL) are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

**DOCTOR OF PHILOSOPHY**

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Teaching of English as a Second Language (TESL) are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# TEACHING OF MALAY AS A FIRST LANGUAGE

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Teaching of Malay as a First Language are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Project Paper or two other courses from Teaching of English as a Second Language field of study	6

### Compulsory Courses

10 credits

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

18 credits

Course Code	Course Name	Credit
EDU5201	Selection & Adaptation of Teaching Materials in Teaching Malay Language	3
EDU5202	Testing and Evaluation in Malay Language Education	3
EDU5209	Curriculum Development and Syllabus Design of Malay Language	3
EDU5231	Teaching Reading and Writing Skills	3
EDU5234	Advanced Method in Teaching of Malay Language	3
EDU5235	Action Research and the Teaching of Malay Language	3

### Elective Courses

6 credits

Course Code	Course Name	Credit
EDU5204	Linguistic Application and teaching Malay Language	3
EDU5206	Thinking Skills in Teaching Malay Language	3
EDU5208	Malay Literature in Language Teaching	3
EDU5226	Advanced Method in Teaching Malay Literature	3
EDU5227	Texts in the Teaching of Malay Literature	3
EDU5237	Innovation in Teaching of Malay Literature	3
EDU5238	Professionalism in Language Education and Malay Literature	3
EDU5905	Concept of Education and Teaching Profession	3

**Project Paper or two other courses from  
Teaching of Malay as a First Language field of study**

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <b>or</b> two other courses from Teaching of Malay as a First Language field of study	6

**MASTER OF SCIENCE**

Students pursuing a Master of Science degree in Teaching of Malay as a First Language are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

**DOCTOR OF PHILOSOPHY**

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Teaching of Malay as a First Language are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# TEACHING OF MALAY LITERATURE

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Teaching of Malay Literature are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Teaching of Malay Literature are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# TECHNICAL AND VOCATIONAL EDUCATION

## MASTER OF EDUCATION

Students pursuing a Master of Education degree in Technical and Vocational Education are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	15
Elective Courses	9
Project Paper or two other courses from Curriculum and Instruction field of study	6

### Compulsory Courses

**10 credits**

Course Code	Course Name	Credit
EDU5900	Research Methods	3
EDU5950	Educational Statistics	3
EDU5810	Educational Policy and Planning	3
EDU5977	Research Proposal Seminar	1

### Core Courses

**15 credits**

Course Code	Course Name	Credit
EDU5400	History and Philosophy of Technical and Vocational Education	3
EDU5403	Curriculum Design in Technical and Vocational Education	3
EDU5436	Measurement and Evaluation in Technical and Vocational Education	3
EDU5402	Administration in Technical and Vocational Education	3
EDU5418	Careers in Organization	3

### Elective Courses

**9 credits**

Course Code	Course Name	Credit
EDU5412	Comparative Studies in Technical and Vocational Education	3
EDU5435	Entrepreneurship Education and Training	3
EDU5443	Programme Evaluation in Technical and Vocational Education	3
EDU5419	Cooperative Education	3
EDU5420	Planning and Development of Agricultural Skill Training Programme	3
EDU5437	Teaching and Learning in Agriculture Education	3
EDU5424	Business Education	3
EDU5428	Business Education Pedagogy	3
EDU5446	Economic Education	3
EDU5429	Entrepreneurial Education Practice	3
EDU5431	Entrepreneurship	3
EDU5432	Entrepreneurship Pedagogy	3
EDU5435	Entrepreneurship Education and Training	3

EDU5406	Strategies in Teaching Home Economics	3
EDU5411	Supervision in Home Economics Educations	3
EDU5441	Planning Preschool Education Programme	3
EDU5812	Financial Management in Education	3
EDU5815	Management of Education Information System	3
EDU5821	Personnel Management in Education	3
EDU5905	Concept of Education and Teaching Profession	3

**Project Paper or two other courses from Technical and Vocational Education field of study**

**6 credits**

Course Code	Course Name	Credit
EDU5988	Project Paper <i>or</i> two other courses from Technical and Vocational Education field of study	6

### MASTER OF SCIENCE

Students pursuing a Master of Science degree in Technical and Vocational Education are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

### DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Technical and Vocational Education are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# HEALTH EDUCATION AND COMMUNICATION

## MASTER OF SCIENCE

Students pursuing a Master of Science degree in Health Education and Communication are required to enroll for TWO (2) research courses to fulfill the Faculty's requirement, which are;

Course Code	Course Name	Credit
EDU/DCE5900	Research Methods	3
EDU/DCE5950	Educational Statistics/Statistics for Social Science	3

Student must also register for Master Research (SPS5999) and Seminar (SPS5903). Other required courses that may be essential to be taken will be determined by the student's Supervisor.

## DOCTOR OF PHILOSOPHY

To fulfill the Faculty's requirement, students pursuing the Doctor of Philosophy degree in Health Education and Communication are required to enroll ANY TWO (2) research courses from the list below as well as register for Doctoral Research (SPS6999) and Seminar (SPS6903).

Course Code	Course Name	Credit
EDU6903	Qualitative Methods in Educational Research	3
DCE6925	Advanced Qualitative Research Methodology	3
EDU6950	Advanced Statistics in Education	3
DCE6953	Multivariate Statistics for Social Science	3
EDU6902	Experimental Research in Education	3

However, the three courses from the list above have its own pre-requisite which are;

Course Code	Pre-requisite Course	Credit
DCE6925	*DCE5920 (Qualitative Research Methodology) or equal	3
EDU6950	EDU5950 (Educational Statistics) or equal	3
DCE6953	DCE5950 (Statistical for Social Science) or equal	3

\*Pre-requisite DCE5920 is only applicable for Human Resource Development programme.

Exemption for pre-requisite will be given if :-

- i. students obtain a grade B or 65% at Master level;
- ii. the courses have been undertaken not more than five years before the date of his registration at the University.

# **COMPREHENSIVE EXAMINATION (C.E.)**

Students pursuing a Doctor of Philosophy degree is required to take the Comprehensive Examination (C.E.) which aims to evaluate the student's knowledge in the area of study, the student's ability to integrate knowledge of research and/theories pertaining to issues that are fundamental to the field of study, and the student's understanding of relevant research design and methodology. For this purpose the following regulations apply:

- a. A student will be permitted to sit for the C.E. only after completion of all coursework required for the programme, and within five (5) semesters or two and a half (2 ½) years of cumulative enrolment, failing which his Ph.D. candidature will be terminated.
- b. A Student who converts his Bachelor degree into a Doctor of Philosophy degree is required to pass the C.E. within three (3) semesters, or one and a half (1 ½) years of cumulative enrolment after the conversion date.
- c. The C.E. shall consist of both written and oral examinations, and the student is required to pass both examinations with an equivalent of 'B' grade.
- d. The student is not permitted to take the oral examination until he/she has passed the written examination. The oral examination should be conducted not later than 30 days after the written examination.
- e. The examinations are be conducted by his Supervisory Committee, or a special committee appointed by the Faculty.
- f. If a student is unable to take the C.E. within the stipulated time, due to medical reasons or other emergencies, he/she is required to apply for an extension with relevant supporting documents for approval by the Dean.
- g. A student is given two opportunities to pass the examination. The second examination must be taken within 60 days after the first examination. Failure at the second attempt will result in the termination of the student's Ph.D. candidacy unless he is recommended for reversal of study from a Ph.D. to a Masters degree programme [Rule 26(i)]

## **PROJECT PAPER (EDU5988/DCE5988)**

The concept of the project paper is based on research conducted by master degree students after they have made their decision so as to fulfil the requirement of the faculty for graduation. The aim of the project paper is for the students who are 'customers of research' to be able to read and understand the contents of research works that are related to their fields of study.

The project paper needs to be completed within two (2) consecutive semesters. Students need to enrol in the project paper at the beginning of Semester Two onwards. Master of Education students need to enrol in EDU5988 (Project Paper) whilst Master of Human Resource Development students need to enrol in DCE5988 (Project Paper). A briefing on the implementation of the project paper will be given during Semester One of their study.

After enrolment for any of these courses, the student should appoint a supervisor who will be supervising their project paper. At the end of Semester One of the project paper, the student must submit the first three chapters to his/her Supervisor who will then evaluate and award marks for the chapters submitted. Students who obtain a score of 5.5 and below at the first stage of their supervision will cease from continuing the Project Paper and will need to enrol for 2 elective courses (6 credits).

At the end of Semester Two of the project paper, students need to present their projects in the **Presentation of Postgraduate Project Paper, Faculty of Educational Studies.**

The passing mark for the Project Paper is 55% (C+). Students who obtain grades lower than C+ are considered to have failed and will be awarded grade F.

In addition, students are encouraged to **produce a minimum of one article** in regards to the research conducted for their project paper.

**For inquiries, please contact:**

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**Online Application/ Student Portal**

[www.sgs.upm.edu.my](http://www.sgs.upm.edu.my)

**FIRST SEMESTER: 2016/2017**