

TABLE OF CONTENTS

Contents	Page
Introduction	2
Mission of the Faculty	3
Vision of the Faculty	3
Academic Requirements	4
Duration of Programmes	4
Tuition Fees	5
Programme Educational Objectives	6
Programme Outcomes	8
Programmes Offered	10
Structures of Programmes According to Fields of Study	
Curriculum and Instruction	13
Educational Administration	15
Educational Psychology	17
Sociology of Education	19
Educational Technology	20
Extension Education	22
Guidance and Counselling	23
Human Resource Development	25
Moral Education	27
Physical Education	28
Sports Science	30
Teaching of English as a Second Language	32
Malay Language Education	34
Teaching of Malay Literature	36
Technical and Vocational Education	37
Health Education and Communication	39
Comprehensive Examination for Ph.D.	40
Dissertation	41

INTRODUCTION

The Faculty of Educational Studies of Universiti Putra Malaysia was established on 15th January 1975 with the intention to become a 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 100 education faculty in the world, the Faculty of Educational Studies, 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, current and futuristic.

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 nurturing future leaders of the 21st 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 human resource 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 non-formal education,
- ii. to improve the condition of learning and teaching by conducting comprehensive and rigorous research that addresses issues in education and human resource development, and
- iii. to provide opportunities for continuous professional development for all educators and human resource development professionals.

ACADEMIC REQUIREMENT

Master of Education (M.Ed.) and Master of Human Resource Development (MHRD)

- The applicant should possess a Bachelor's degree (with honours) in a relevant field with a minimum CGPA of 3.00, or
- The applicant with a minimum CGPA of 2.75, can be accepted subjected to a minimum of three (3) years working experience in relevant field, or
- The applicant with a minimum CGPA of 2.75 can be admitted into the programme subject to any other requirement specified by the Faculty, or
- The applicant with a minimum CGPA of 2.50, can be accepted subjected to a minimum of ten (10) years working experience in relevant field.

Master of Science (M.S.)

- The applicant should possess a Bachelor's degree (with honours) in a relevant field with a minimum CGPA of 3.00, or
- The applicant without sufficient academic qualification can be admitted into the programme subject to any other requirement specified by the Faculty.

Doctor of Philosophy (Ph.D.)

- The applicant should possess:
 - (a) a Master Degree (by coursework) in a relevant field with a minimum grade average of B, or
 - (b) a Master Degree by research in a relevant field.
- Admission into the programme is subjected to any other requirement specified by the Faculty.

***Candidates applying for Guidance and Counseling and Teaching of English as Second Language (TESL) programme must pass both oral interview and written assessment conducted by the Faculty.**

DURATION OF PROGRAMME

Master Degree Programmes

The minimum and maximum durations of study are one (1) year 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

Masters Programmes - With Credit Fees	First Semester (RM)	Second and Subsequent Semesters (RM)	Final Semester (RM)	Additional Fee Per-credit (RM)
Masters Without Thesis	1,250.00	1000.00	1000.00	200.00

Programmes	1st Semester (RM)	2nd & 3rd Semesters (RM)	4th Semester (RM)	5th & Subsequent Semesters (RM)
Masters With Thesis	1,950.00	1,700.00	1,200.00	1,700.00
PhD	1st Semester (RM)	2nd - 4th Semesters (RM)	5th - 6th Semesters (RM)	7th & Subsequent Semesters (RM)
	2,512.50	2,262.50	1,700.00	2,700.00

Fees For International Students

Masters Programmes - With Credit Fees	First Semester (RM)	Second and Subsequent Semesters (RM)	Final Semester (RM)	Additional Fee Per-credit (RM)
Masters Without Thesis	2,300.00	2,050.00	2,050.00	350.00

Programmes	1st Semester (RM)	2nd & 3rd Semesters (RM)	4th Semesters (RM)	5th & Subsequent Semesters (RM)
Masters With Thesis	5,850.00	3,950.00	3,450.00	3,700.00
PhD	1st Semester (RM)	2nd - 4th Semesters (RM)	5th - 6th Semesters (RM)	7th & Subsequent Semesters (RM)
	5,862.50	4,112.50	3,550.00	3,900.00

PROGRAMME EDUCATIONAL OBJECTIVES

MASTERS 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 objectives at the master's level specifically 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 to 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 human resource development graduates – practitioners-professionals-scholars 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 of 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, 51 credits for Guidance and Counselling) within the time specified by the School of Graduate Studies.

Fields of study offered under Master of Education

1. Curriculum and Instruction
2. Educational Administration
3. Educational Psychology
4. Instructional Technology and Innovation
5. Guidance and Counselling
6. Physical Education
7. Sports Science
8. Teaching of English as a Second Language
9. Malay Language Education
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) within the time specified by the School of Graduate Studies.

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 Second Semester of 2016/2017 onwards are **required to publish the findings of their research in journal article(s)**

- a. **The criteria of the publication for Master degree is one (1) journal article published or accepted (in Citation Indexed Journal)**

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. Malay Language Education
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 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 Second Semester of 2016/2017 onwards are **required to publish the findings of their research in journal article(s)**

- a. **The criteria of the publication for Ph.D degree are two (2) journal articles published or accepted (in Citation Indexed Journal)**

Note : A book chapter for students in the social sciences is considered as being equivalent to one journal article.

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. Malay Language Education
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	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
CNI5000	Curriculum Development	3
CNI5001	Curriculum Evaluation	3
CNI5002	Curriculum Design	3
CNI5003	Assessment in Instructions	3
CNI5004	Innovation in Instructions	3
CNI5005	Instructional Models and Strategies	3

Elective Courses

6credits

Course Code	Course Name	Credit
Curriculum Studies		
CNI5006	Value and Curriculum	3
CNI5007	Curriculum Inquiry	3
Mathematics Education		
CNI5100	Theories and Development in Mathematics Education	3
CNI5101	Pedagogy in Mathematics	3
Science Education		
CNI5200	Pedagogy in Science Education	3
CNI5201	Thinking Skills in Science Education	3
Entrepreneurship Education		
TVE5302	Entrepreneurial Educational Practice	3
TVE5304	Entrepreneurship pedagogy	
Islamic Education		
LHE5600	Philosophy and Thoughts in Islamic Education	3
LHE5603	Methods of Teaching Islamic Education	3
Moral Education		
LHE5650	Ethics	3
LHE5654	Approaches to Moral Education	3

Course Code	Course Name	Credit
Other Electives		
EGS5905*	Education and Teaching Profession	3
ERS5920	Introduction to Qualitative Research	3

Note: *Students with no education background will have to take this course

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

EDUCATIONAL ADMINISTRATION

MASTER OF EDUCATION

Students pursuing a Master of Education degree in Educational Administration are required to complete 40 credits of coursework. EAD5900 Internship in Education Administration is a core course that needs to be taken in the last semester. Students without a background in the field of education are required to take EGS5905 Education and Teaching Profession as one of the elective courses.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
EAD5000	Educational Leadership	3
EAD5001	Human Relations in Education	3
EAD5002	Personnel Management in Education	3
EAD5003	Financial Management in Education	3
EAD5004	Administration of Education Institutions	3
EAD5900	Internship in Educational Administration	3

Elective Courses

6 credits

Course Code	Course Name	Credit
EAD5005	Quality in Education	3
EAD5006	Ethics of Educational Management	3
EAD5007	Management of Educational Information System	3
EAD5008	Instructional Supervision	3
EAD5009	Training and Staff Development in Education	3
EAD5010	School Management	3
EAD5011	Community and School Partnership	3
EGS5905	Education and Teaching Profession	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
EPY5001	Advanced Educational Psychology	3
EPY5002	Theories of Human Learning Psychology	3
EPY5003	Motivation in Education	3
EPY5004	Psychology of Formation and Attitude Change	3
EPY5005	Applied Cognitive Psychology	3
EPY5006	Education for Students with Special Needs	3

Elective Courses

6 credits

Course Code	Course Name	Credit
EPY5007	Contemporary Issues in Child and Adolescent Development	3
EPY5008	Problem Solving and Decision Making	3
EPY5009	Thinking and Reasoning	3
EPY5010	Classroom Interaction	3
EDU5078	Multicultural Education	3
EGS5905	Education and Teaching Profession	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

EDUCATIONAL TECHNOLOGY

MASTER OF EDUCATION

Students pursuing a Master of Education (Instructional Technology and Innovation) are required to complete 40 credits of coursework.

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
EDT5000	Development of Educational Technology	3
EDT5002	Learning Theories and Practices in Digital Era	3
EDT5003	Emerging Technologies for Teaching and Learning	3
EDT5100	Instructional System Design	3
EDT5300	Diffusion of Innovations in Educational Technology	3
EDT5400	Evaluation in Educational Technology	3

Elective Courses

6 credits

Course Code	Course Name	Credit
EDT5101	21 st Century Instructional Media	3
EDT5200	e-Learning Community	3
EDT5321	Multimedia in Education	3
EDT5500	Distance Education	3
EAD5007	Management of Educational Information System	3
EGS5905	Education and Teaching Profession	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

GUIDANCE AND COUNSELLING

MASTER OF EDUCATION

Students pursuing a Master of Education degree in Guidance and Counselling are required to complete 51 credit hours of coursework including counselling practicum, counselling internship and dissertation within designated period of study. The curriculum structure is based on Standards and Training Qualification of Counsellors by the Board of Counsellors (Malaysia).

Component	Credit
Compulsory	36
Counselling Practicum	3
Counselling Internship	6
Dissertation	6

Compulsory

36 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	Multicultural Counselling	3
CPE5400	Group Counselling	3
CPE5500	Career Development	3
CPE5501	Career Counselling	3
CPE5600	Testing and Measurement in Counselling	3
CPE5601	Diagnosis in Counselling	3
CPE5800	Legal and Counselling Professional Ethics	3
ERS5900	Research Methods	3
ERS5950	Statistics	3

Counselling Practicum

3 credits

Course Code	Course Name	Credit
CPE5801	Counselling Practicum	3

Counselling Internship

6 credits

Course Code	Course Name	Credit
CPE5802	Counselling Internship	6

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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 counselling practicum, counselling internship and thesis within designated period of study. The curriculum structure is based on Standards and Training Qualification of Counsellors by the Board of Counsellors (Malaysia).

List of Courses

Course Code	Course Name	Credit Hour
ERS5900	Research Methods	3
ERS5950	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	Multicultural Counselling	3
CPE5400	Group Counselling	3
CPE5500	Career Development	3
CPE5501	Career Counselling	3
CPE5600	Testing and Measurement in Counselling	3
CPE5601	Diagnosis in Counselling	3
CPE5800	Legal and Counselling Professional Ethics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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	28 credits
Elective Courses	12 credits

Compulsory Courses 28 credits

Course Code	Course Name	Credit
DCE5011	Principles of Adult Education	3
DCE5110	Theories and Practices of Human Resource Development	3
DCE5230	Training Design and Management	3
DCE5632	Organisational Change and Development	3
DCE5730	Leadership Development	3
ERS5900	Research Methods	3
ERS5977	Research Proposal Seminar	1
ERS5950	Statistics	3
ERS5988	Dissertation	6

Elective Courses 12 credits

Students should focus on their areas of interest by selecting 12 credits of elective courses with the recommendation and approval of the student's academic advisor.

Course Code	Course Name	Credit
DCE5010	Philosophy and Concept of Extension Education	3
DCE5030	Programme Development	3
DCE5130	Multiculturalism and Human Resource Development	3
DCE5131	Quality Improvement in Human Resource Development	3
DCE5232	Training Evaluation	3
DCE5331	Youth and Society	3
DCE5410	Concept and Approaches in Women's Studies	3
DCE5633	Conflict Management	3
DCE5634	Employee, Organization and Community Relations	3
DCE5635	Ethics in Human Resource Development	3
DCE5731	Continuing Professional Education	3
DCE5732	Talent and Career Development	3
ERS5920	Introduction to Qualitative Research	3
ERS5951	Analysis and Interpretation of Data	3
DCE5952	Measurement, Testing and Evaluation in Human Resource Development	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
SPE5100	Human Motor Development	3
SPE5101	Exercise Physiology and Human Performance	3
SPE5160	Assessment in Kinesiology	3
SPE5200	Physical Education Teaching Approaches	3
SPE5201	Curriculum Development in Physical Education	3
SPE5202	Programme Evaluation in Physical Education and Sports	3

Elective Courses

6 credits

Course Code	Course Name	Credit
SPE5102	Sport and Exercise Psychology	3
SPE5161	Sport and Exercise Training Methodology	3
SPE5190	Internship in Sports Coaching	3
SPE5203	History and Philosophy of Physical Education	3
SPE5204	Supervision in Physical Education	3
SPE5205	Physical Education for Special Populations	3
SPE5206	Physical Education Programme Administration	3
SPE5207	Physical Activity and Health Promotion	3
EGS5955	Special Topic	3
EGS5905	Education and Teaching Profession	3
FCE4001	Co-curriculum Management	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

SPORT 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
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
SPE5101	Exercise Physiology and Human Performance	3
SPE5102	Sport and Exercise Psychology	3
SPE5103	Biomechanical Analysis for Physical Activities	3
SPE5104	Nutrition for Performance and Health	3
SPE5160	Assessment in Kinesiology	3
SPE5161	Sport and Exercise Training Methodology	3

Elective Courses

6 credits

Course Code	Course Name	Credit
SPE5100	Human Motor Development	3
SPE5105	Performance Analysis in Sports	3
SPE5106	Management of Sport Organisation	3
SPE5107	Human Growth, Maturation, and Physical Activity	3
SPE5190	Internship in Sports Coaching	3
SPE5202	Programme Evaluation in Physical Education and Sports	3
EGS5955	Special Topic	3
EGS5905	Education and Teaching Profession	3
FCE4001	Co-curriculum Management	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
LHE5251	Linguistic Application in TESL	3
LHE5252	Advanced Teaching of Communication Skills in ESL	3
LHE5253	Advanced Teaching of Literacy Skills in ESL	3
LHE5255	Second Language Teaching and Learning	3
LHE5266	Assessment in TESL	3
LHE5277	Literature in ESL	3

Elective Courses

6 credits

Students can choose to take any two elective courses from the courses listed below.

Course Code	Course Name	Credit
LHE5256	Professional Development in TESL	3
LHE5259	Grammar Instruction	3
LHE5260	Thinking Skills in ESL	3
LHE5262	Action Research in TESL	3
LHE5263	Technology-Enhanced Language Learning	3
LHE5264	Curriculum and Syllabus Design in TESL	3
LHE5276	Teaching Young Adult Literature	3
LHE5278	Teaching of Narrative Genre	3
*LHE5805	Internship in TESL	3
**EGS5905	Education and Teaching Profession	3

*LHE5805 (Internship in TESL) is an additional course that is required to be taken by students who do not have bachelor degree in the field of education and do not have any teaching experience (or has less than 3 years of teaching experience)

**EGS5905 (Education and Teaching Profession) is an additional course that is required to be taken by students who do not have bachelor degree in the field of education and do not have any teaching

experience (or has less than 3 years of teaching experience)

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

MALAY LANGUAGE EDUCATION

MASTER OF EDUCATION

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

Component	Credit
Compulsory Courses	10
Core Courses	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Dasar dan Perancangan Pendidikan <i>Educational Policy and Planning</i>	3
ERS5900	Kaedah Penyelidikan <i>Research Methods</i>	3
ERS5950	Statistik <i>Statistics</i>	3
ERS5977	Seminar Cadangan Penyelidikan <i>Research Proposal Seminar</i>	1

Core Courses

18 credits

Course Code	Course Name	Credit
LHE5202	Penaksiran dalam Pendidikan Bahasa Melayu <i>Assesment in Malay Language Education</i>	3
LHE5209	Perkembangan Kurikulum Bahasa Melayu <i>Curriculum Development in Malay Language</i>	3
LHE5234	Strategi Pengajaran dalam Pendidikan Bahasa Melayu <i>Teaching Strategies in Malay Language Education</i>	3
LHE5235	Penyelidikan Tindakan dalam Pendidikan Bahasa Melayu <i>Action Research in Malay Language Education</i>	3
LHE5239	Media Pengajaran dalam Pendidikan Bahasa Melayu <i>Teaching Media in Malay Language Education</i>	3
LHE5240	Aplikasi Literasi dalam Pendidikan Bahasa Melayu <i>Literacy Application in Malay Language Education</i>	3

Elective Courses

6 credits

Course Code	Course Name	Credit
LHE5241	Linguistik Terapan dalam Pendidikan Bahasa Melayu <i>Linguistics Applied in Malay Language Teaching</i>	3
LHE5206	Kemahiran Berfikir dalam Pendidikan Bahasa Melayu <i>Thinking Skills in Malay Language Education</i>	3
LHE5208	Kesusasteraan Melayu dalam Pengajaran Bahasa <i>Malay Literature in Language Education</i>	3
LHE5227	Teks dalam Pengajaran Kesusasteraan Melayu <i>Texts in the Teaching of Malay Literature</i>	3

LHE5237	Inovasi dalam Pengajaran Kesusasteraan Melayu <i>Innovation in Malay Literature Education</i>	3
EGS5905	Pendidikan dan Profesion Keguruan <i>Education and Teaching Profession</i>	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	6

MASTER OF SCIENCE

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

Course Code	Course Name	Credit
ERS5900	Research Methods	3
ERS5950	Statistics	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 Malay Language 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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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	18
Elective Courses	6
Dissertation	6

Compulsory Courses

10 credits

Course Code	Course Name	Credit
EAD5810	Educational Policy and Planning	3
ERS5900	Research Methods	3
ERS5950	Statistics	3
ERS5977	Research Proposal Seminar	1

Core Courses

18 credits

Course Code	Course Name	Credit
TVE5000	History and Principles of Technical and Vocational Education	3
TVE5001	Administration of Technical and Vocational Education Institution	3
TVE5002	Curriculum Design in Technical and Vocational Education	3
TVE5003	Assessment in Technical and Vocational Education	3
TVE5004	Career in Organization	3
TVE5090	Technical and Vocational Education and Training Internship	3

Elective Courses

6 credits

Course Code	Course Name	Credit
TVE5005	Comparative Studies of Technical and Vocational Education System	3
TVE5006	Programme Evaluation in Technical and Vocational Education	3
TVE5007	Cooperative Education	3
TVE5100	Planning and Development of Agricultural Skills Training Programme	3
TVE5101	Teaching and Learning in Agriculture Education	3
TVE5200	Home Economics Teaching Strategies	3
TVE5201	Supervision in Home Economics Education	3
TVE5300	Business Education	3
TVE5301	Business Education Pedagogy	3
TVE5302	Entrepreneurial Educational Practice	3
TVE5303	Entrepreneurship	3
TVE5304	Entrepreneurship Pedagogy	3

TVE5305	Entrepreneurship Education and Training	3
TVE5306	Economic Education	3
EAD5002	Personnel Management In Education	3
EAD5003	Financial Management in Education	3
EAD5007	Management of Educational Information System	3
EGS5905	Education and Teaching Profession	3

Dissertation

6 credits

Course Code	Course Name	Credit
ERS5988	Dissertation	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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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
ERS5900	Research Methods	3
ERS5950	Statistics	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 Sciences	3
EDU6902	Experimental Research in Education	3
ERS5920	Introduction to Qualitative Research	3
ERS5950	Statistics	3

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)]

DISSERTATION (ERS5988)

The concept of the dissertation is based on research conducted by master degree students to fulfil the requirement for graduation. The aim of the dissertation is for the students to be able to read and understand the content of research work that are related to their fields of study.

The dissertation needs to be completed within two (2) consecutive semesters. Students can also complete their dissertation in one (1) semester if they have the capability to do that. Students need to enrol in the dissertation at the beginning of Semester Two onwards. Master of Education and Master of Human Resource Development students need to enrol in ERS5988 (Dissertation). A briefing on the implementation of the dissertation will be given by Programme Coordinator during Semester One of their study.

After enrolment of this course, the student should appoint a supervisor who will be supervising their dissertation. At the end of Semester One of the dissertation, the student must submit the first three chapters to his/her Supervisor who will then evaluate and award marks for the chapters submitted. At the end of Semester Two of the dissertation, students need to present their dissertation in the **Education and Human Resource Development Seminar, Faculty of Educational Studies**.

The passing mark for the dissertation is 55% (C+). Students who obtain grades lower than C+ are considered to have failed and will be awarded grade F. Students who do not present their dissertation in Semester Two of dissertation will also be awarded grade F.

As an alternative, students are also allowed to publish one CIJ (ERA, Web of Science (WOS), SCOPUS, MyCite and ERIC Database) article based on the research conducted as part of the requirement for graduation.

For inquiries, please contact:

Deputy Dean (Research and Graduate Studies)

Faculty of Educational Studies
Tel: +603 - 89468111, Fax: +603 - 89467905
E-mail: educ_tdps@upm.edu.my

Correspondence Address:

Faculty of Educational Studies
Universiti Putra Malaysia
43400 UPM Serdang
Selangor Darul Ehsan, Malaysia

Website

www.educ.upm.edu.my

Online Application/ Student Portal

www.sgs.upm.edu.my

FIRST SEMESTER 2019/2020