

2024/2025



UNIVERSITY  
OF ESWATINI

# POSTGRADUATE PROSPECTUS



**THE UNIVERSITY OF ESWATINI**

**POST-GRADUATE  
PROSPECTUS**

*With information for 2024 entry*

**Admissions Office  
University of Eswatini**

Thank you for your enquiry about the University of Eswatini.

The aim of this booklet is to provide information about:

- the University and the services it offers
- the postgraduate study programmes
- the admission requirements
- application procedure

Please note that the information contained in this booklet was correct at the time of printing but may be changed without notice.

## **BACKGROUND INFORMATION**

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### **Historical Note**

The University of Eswatini developed from the University of Botswana, Lesotho and Eswatini (UBLS), formerly known as the University of Basutoland, Bechuanaland and Eswatini (UBBS), which had its headquarters in Lesotho between 1964 and 1975. The UBBS had developed from the Pius XII Catholic University College at Roma - so our history has quite deep roots. The University of Eswatini achieved its independent status as a fully-fledged university in 1982.

Since achieving university status UNESWA has continued to grow and develop in accordance with its stated aim of assisting national development.

Student enrolment has risen steadily, paralleled by an ever-increasing output of graduates since the University's first Congregation for the Conferment of Degrees in 1982. In all 19 389 degrees have been conferred, 1078 of them at the 2018 Graduation. Since 1997, 466 masters degrees have been conferred, 57 of them in 2018.

The chief mandate, which the university has tried to implement, is manpower production. This is clearly indicated in the type of programmes selected at the beginning, which still constitute a major part of UNESWA programmes. Four levels, certificate, diploma, degree, masters were deliberately structured so as to allow upward mobility and a second chance to those who left school at the lower levels.

As it continues to evolve, the University of Eswatini is firmly committed to a programme of expansion and development to retain its relevance and the aim of providing the expert manpower that the Kingdom needs.

GENERAL INFORMATION ON POST  
GRADUATE PROGRAMMES OF STUDY

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The University currently offers programmes leading to Master's **and PhD** degrees in the various departments as follows:

- M.A. (History) offered by the Department of History
- M.A. (African Languages and Linguistics) offered by the Department of African Languages and Literature
- M.A. (African Literature) offered by the Department of African Languages and Literature
- MBA (Master of Business Administration) offered by the Department of Business Administration
- M. Ed. (Curriculum and Teaching) offered by the Department of Curriculum and Teaching
- M. Ed. (Educational Foundations and Management) offered by the Department of Educational Foundation and Management
- M. Ed. (Primary Education) offered by the Department of Primary Education
- M. Ed. (Adult Education) offered by the Department of Adult Education
- M.NSc. (Family Nurse Practice) offered by the Department of General Nursing
- M. Sc. (Agric. & Applied Econ.) offered by the Department of Agricultural Economics and Management
- M. Sc. (Agric. Ed.) offered by the Department of Agricultural Education and Extension
- M. Sc. (Agric. Ext) offered by the Department of Agricultural Education and Extension
- M. Sc. (Animal Science) offered by the Department of Animal Science
- M. Sc. (Chem.) offered by the Department of Chemistry
- M.Sc. (Computational Physics) offered by the Department of Physics
- M.Sc. (Computer Science) offered by the Department of Computer Science
- M. Sc. (Conservation Ecology) offered by the Department of Biological Sciences
- M. Sc. (Consumer Science Ed.) offered by the Department of Consumer Science Education & Community Development
- M. Sc. (Crop Science) offered by the Department of Crop Production
- M.Sc. (Crop Protection) offered by the Department of Crop Production
- M. Sc. (Environmental Resources Management) areas of specialization are:
  - Agricultural & Biosystems Engineering – ABE Department
  - Biodiversity Conservation and Management – Biological Sciences Dept
  - Environmental Chemistry and Management – Chemistry Department
  - Environmental Crop Production – Crop Production Department
  - Land and Water Resource Management – GEP Department
  - Livestock and Environment – Animal Science Department
- M.Sc. (Food Science & Technology) offered by the Department of Food & Nutrition Sciences
- M. Sc. (Horticulture) offered by the Department of Horticulture
- M.Sc. (Mathematics) offered by the Department of Mathematics

- M.Sc. (Midwifery) offered by the Department of Midwifery Science.
- M.Sc. (Textiles) offered by the Department of Textiles and Apparel Design
- Ph.D. (Agricultural and Applied Economics) offered by the Department of Agricultural Economics and Management
- Ph.D. (Agricultural Education) offered by the Department of Agricultural Education and Extension
- Ph.D by Research Only (offered by various Departments in the University)

The Master's programmes are by course work and thesis and can be pursued either on a full-time or part-time basis. The minimum duration of study for a Master's programme is four semesters for full-time study and six semesters for part-time study. The maximum duration for full-time study is ten semesters for full-time study and fourteen semesters for part-time study. For full-time study, the first two semesters are devoted to the taught courses and the third and fourth semesters devoted to research and thesis writing. For part-time study, the first four semesters are used for the taught courses and the fifth and sixth semesters are used for research and thesis writing.

The Ph.D. programmes are done either by coursework and dissertation or by research only (leading to a dissertation) and can be pursued either on a full-time or part-time basis. The minimum duration of study for a Ph.D. programme is eight semesters for full-time study and twelve semesters for part-time study. The maximum duration for full-time study is eighteen semesters and twenty-four semesters for part-time study.

New programmes are announced in due course after approval during the course of the year.

### ***Admission requirements***

Qualifications for entrance to a Master's programme would normally be a Bachelor's Degree in the relevant subject area. The specific requirements are stipulated in the Special Departmental Regulations.

Qualifications for entrance to a Ph.D. programme would normally be a relevant Master's degree. The specific requirements are stipulated in the Special Departmental Regulations.

Applications for admission to a post-graduate programme are processed by The Admissions Office in the Registrar's Office. All applications should be directed to this office and NOT to the respective departments. The office concerned, after receipt of an application, through the Co-ordinator's office, contacts the relevant department which makes recommendations.

The closing date for receipt of all applications is **30th May 2024**.

### ***Registration***

Post-graduate students normally register for each semester at the beginning of each semester. Details about the schedule of registration are announced by the Registrar's office prior to registration.

## **STUDENT INFORMATION**

### **MASTER'S PROGRAMMES**

#### *DURATION OF STUDY*

The normal duration of the study for a Master's degree programme shall be four semesters for a full-time student and six semesters for a part-time student. The maximum duration of study for a Master's degree programme shall be ten semesters for a full-time student and fourteen semesters for a part-time student. Failure to complete the programme of study in the maximum allowable time shall lead to deregistration of the student in the programme of study.

Normally, course work shall be completed in two semesters by a full-time student and in four semesters by a part-time student; except in a case where a course is failed in the last semester of course work, and such a course will be carried to the semester in which thesis work commences.

Thesis work shall normally be completed in two semesters by a full-time and a part-time student.

#### *DEGREE STRUCTURE*

- A student registered in the Master's degree programme shall be required to have a major area or specialisation with electives from any area as determined by the student and his/her Supervisor(s).
- Once the student's programme of study has been established, it shall be approved by Senate on the recommendation of the Institute of Post-Graduate Studies Board. Any changes in the student's programme shall be made through the Institute of Post-Graduate Studies Board to Senate.
- The Master's degree programme shall be conducted by course work, examinations and thesis.
- The course work and the thesis shall be based on the credit (Cr.) system.
- A credit is one hour of lecture per week per semester. In courses with practical, one practical hour per week per semester is equal to two thirds of a credit. That is, three practical hours are equal to two credits.
- A course shall have a maximum of three credits, if without practical, and a maximum of five credits, if with practical.
- A full-time Master's degree student must register for at least 12 credits in any semester in order to qualify as a University of Eswatini student.
- A part-time Master's degree student must register for 1.3 to 11.9 credits in any semester in order to qualify as a University of Eswatini student.
- The course work shall consist of core and elective courses. The core courses shall be compulsory, and shall be prescribed by the relevant Department and approved by the Senate on the recommendation of

the Institute of Post-Graduate Studies Board. A student shall choose elective courses from his/her major or non-major area, on the advice of his/her Supervisor.

- A Master's degree student shall be required to take and pass a minimum of 42-48 Credits in order to graduate. These credits are distributed as follows: 30-36 credits for course work and 12 credits for thesis. Of the 30-36 credits, there shall be 24-27 credits of core courses and 6-9 credits of elective courses from any area.

<u>Description</u>	<u>No. of credits</u>
Core courses	24-32
Elective courses or Specialisation courses	6-12
<b>Sub-total for courses</b>	<b>30-44</b>
Thesis or Capstone	12
<b>Total for Master's Degree</b>	<b>42-56</b>

In addition to the definition of a student as indicated in the University of Eswatini Act, a full- time Master's degree student doing course work, shall register for a minimum of 12 credits, and six credits, when doing thesis work.

In addition to the definition of a student as indicated in the University of Swaziland Act, a part-time Master's student, doing course work, shall register for a minimum of 1.3 credits; and also a minimum of 6.0 credits, when doing thesis work.

A research methods course (quantitative and/or qualitative) and Seminar shall be two of the prescribed core courses for all Master's degree students at the University of Eswatini.

A student shall write a paper in his/her major area of study and present it in a seminar. Both the oral and the written components shall be graded.

#### *ASSESSMENT*

All courses will be assessed by a combination of continuous assessment and examination. Each course will be examined at the end of each semester by one final examination paper of three hours duration. There will be no supplementary examinations. An oral examination will be conducted by a committee as laid out by the University Regulations. The thesis will be considered to constitute a subject which may either be passed or failed and will be examined as recommended in the University Regulations

The ratio of continuous assessment to examination shall be 1:1. Continuous assessment in each course shall consist of assignments, tests reports, seminar presentations and other appropriate assessments.

### **Supplementary Examination**

There shall be no supplementary examinations, except as provided for the thesis

### ***PROGRESSION***

- To proceed from semester to semester, a student must obtain an overall GPA of at least 2.00 at the end of each semester. This excludes all the 'exemption' courses.
- If a student obtains a GPA of at least 2.00 but fails some courses, such a student shall be allowed to proceed and carry the failed course and take it when it is next offered
- A student who obtains a GPA of at least 2.00 but fails a course in the final semester of the course work, such a student may be allowed to proceed and carry the failed course; and take it when it is next offered, and be allowed to commence on research work..
- A student who obtains a GPA of less than 2.00 shall receive an Academic Warning. Such a student shall not proceed to the next semester but must take failed course(s) when next offered.
- A student who has received Academic Warning for two consecutive semesters would be deemed to have failed and shall be discontinued from his/her programme.

### **DOCTOR OF PHILOSOPHY DEGREE PROGRAMMES**

#### ***DURATION OF STUDY***

- Normally, the duration of study for the Ph.D. programme shall be four years for a full-time student and six years for a part-time student.
- The normal duration of study for the Ph.D. programme shall be eight semesters for a full-time student and twelve semesters for a part-time student.
- The maximum duration of study for the Ph.D. programme shall be eighteen semesters for a full-time student and 24 semesters for a part-time student.



- Failure to complete the programme of study in the maximum allowable time shall lead to deregistration of the student from the programme of study.
- A student whose period of study has lapsed shall have to apply for re-admission into the programme. The level of entry and courses to be taken shall be determined by the Senate.

#### *DEGREE STRUCTURE*

##### *PHD BY COURSEWORK AND RESEARCH*

- A student for the Ph.D. by coursework and research degree programme shall be required to have core courses (major area) and specialisation courses or electives which can be taken from any areas as determined by the student and his/her Supervisor.
- Once the student's programme of study has been established, it shall be approved by Senate on the recommendation of the Institute of the Post-Graduate Studies Board. Senate shall approve any changes in the student's programme on the recommendation of the Institute of Post-Graduate Studies Board.
- The Ph.D. degree programme shall be conducted by course work, examinations, and dissertation.
- Course work shall normally be completed in four semesters and in eight semesters by a full-time and a part-time student, respectively; except in a case where a course has been failed in the last semester of course work; such a course will be carried to the semester in which dissertation work commences.
- Normally, dissertation work may be completed in four semesters by both a full-time and a part-time student.
- A student shall be allowed to transfer a maximum of 25% of his/her course work from a previous Ph.D. degree programme towards his/her Ph.D. degree programme. Such courses, from which the student is exempted, shall be decided by the relevant Department and approved by Senate on the recommendation of the Institute of Post-Graduate Studies Board.
- The course work shall consist of core, specialisation and elective courses. The core courses shall be compulsory and shall be prescribed by the relevant Department and approved by Senate on the recommendation of the Institute of Post-Graduate Studies Board.  
A student shall choose electives from his/her major or non-major areas.
- A Ph.D. student shall be required to take, and pass, a minimum of 65 credits in order to graduate. These credits are distributed as follows: 35 credits of coursework in addition, 30 credits for dissertation. Of the 35 credits for coursework, there shall be 20 credits of core courses and 15 credits of specialisation or elective courses from any area.

- In addition to the definition of a student as indicated in the University of Eswatini Act, a full-time Ph.D. student, doing course work, shall register for a minimum of six credits, and for six credits when doing dissertation work.
- In addition to the definition of a student as indicated in the University of Eswatini Act, a part-time Ph.D. student, doing course work, shall register for a minimum of 2.0 credits, and for 6.0 credits when doing dissertation work.
- A full-time student shall present a Seminar once during the two years of course work, and in addition, shall earn two credits for it.
- A part-time student shall present a Seminar once during the four years of course work, and in addition, shall earn two credits for it.
- Seminars shall be presented in both oral and in written forms and shall be awarded a grade.

#### *ASSESSMENT*

- All taught courses shall be assessed by a combination of Continuous Assessment and Examination.
- The ratio of Continuous Assessment and Examination shall be 1:1.
- Practical courses shall have no examination and shall be assessed only as Continuous Assessment.
- The moderation of internal examination papers shall be in accordance with the guidelines set up by Senate.
- For a student to be deemed to have been successful in a PhD degree programme, he/she should have passed separately all required courses, comprehensive, and the dissertation examinations.

#### *PHD BY RESEARCH ONLY*

*It is advised that a prospective student for the PhD by Research programme should make contact with the Department concerned about availability of a suitable supervisor before submitting an application to the Academic Office.*

- A student for the Ph.D. programme by Research only shall be required to have an area of specialisation in the Department he/she is registered for their research.
- At least two research articles should be submitted for publication in research journals, before the Dissertation is acceptable for Examination.
- Except with special permission from Senate, and on the recommendation of the Institute of Post-Graduate Studies Board, no part of the Ph.D. by Research degree may be transferred from a previous doctoral programme at this or any other university.
- A full-time Ph.D. by research only student shall present the proposal/progress seminar within two semesters of registration.

- A part-time Ph.D. student by Research only shall present the proposal within four semesters of registration.
- The proposal shall be presented to the Supervisory Committee through a proposal seminar open to all members of the relevant Department within which the research for the Ph.D. degree by Research only, shall be housed.
- Proposal/Progress seminars for a Ph.D. student by Research only shall be assessed to the satisfaction of the Department.
- A student may identify not more than three (3) Supervisors of which one will be the main Supervisor and / or co-Supervisor in consultation with the relevant Department, who shall guide the student's research work.
- The Supervisor and co-supervisor(s) shall be recommended by the relevant Department to the Institute of Post-Graduate Studies Board for approval by Senate.
- A Supervisor shall be a full-time member of the academic staff in the relevant Department in which the Ph.D. degree is being pursued. A Co-Supervisor may be appointed by Senate on the recommendation of the Department to the Institute of Post-Graduate Studies Board.
- The Co-supervisor may come from any Department of this or another university or from the industry relevant to the area of study.
- The Supervisor shall have a Ph.D. Degree. The Co-Supervisor shall have a minimum of a M.Sc. degree, at least 5 years relevant experience, and proven track record of research in the area of specialisation.
- Each student shall have a Supervisory Committee chaired by the Supervisor. The Department shall determine the membership of the Committee, which shall not be more than three academic staff members.
- The Institute of Post-Graduate Studies Board on behalf of Senate shall approve the area of study and dissertation topic of each student registered for research.
- For a student to be deemed to have been successful in a Ph.D. degree programme by Research, he/she should have passed the Dissertation Examination.
- There shall be three External Examiners.

## **A. Academic Services**

The University offers the following academic services:

### ***A.1 Library Services***

The University Library offers a range of services suitable for Postgraduate studies and research. The Library operates two decentralised units at the Kwaluseni and Luyengo campus, in order to ensure easy and speedy access to resources. The Library holds an interesting collection of publications and documents related to Eswatini. Reference staff is available to provide answers to queries and advice on the use of the library materials for information needs. Details of Library operations are available in the Library guide obtainable from the Library on request.

## ***A.2 Computing Services***

The University has a Computing Centre that serves the University community and provides access to computing facilities. The Centre operates independently from the Faculties to ensure equal service to academic users. It is for this reason that the Centre has staff employed to attend to users' needs.

To support and enhance post-graduate student course and research work, the Institute of Post-Graduate Studies has two computer labs each equipped with five computers and a printer in the Commerce Building at the Kwaluseni Campus. There are also three computers in the Luyengo Campus in the Library in the studying cubicles. At the Luyengo Campus there are postgraduate student offices, classrooms and a mini computer office all under one roof.

There are plans to link the three campuses, (only two campuses are involved in Post-Graduate studies) locally as well as with other institutions in and outside the country.

## **B. Student Welfare**

### ***B.1 Accommodation***

The University converted an existing undergraduate hostel into a postgraduate students residence for full-time postgraduate students at the Luyengo Campus. The rooms are suitable for single occupancy and hence suitable for single students. The University regrets that there is presently no suitable accommodation for married students and families. The hostel has four separate bathrooms and a lounge.

### ***B.2 Office Space***

There is a limited number of offices for post-graduate students on the Luyengo Campus. No office space for post-graduate students on the Kwaluseni Campus.

### ***B.3 Catering***

The University currently provides a range of catering services. The refectory has been improved to include a refurbished servery and dining room area with new improved equipment. This provides a relatively independent catering service and allows students to plan their meals, as they desire. Users can plan and arrange to have meals ranging from snacks to full meals. Vending machines are also available and operate between 7.30a.m and 5.00p.m at suitable points.

### ***B.4 Sports and Recreation***

Recreation and sports facilities are available on both campuses. These include facilities for a range of sports from which the students may choose. At the Kwaluseni campus the multipurpose hall serves as an indoor sporting facility for selected sporting activities. Students are responsible for planning their own sporting activities to suit their interests.

### ***B.5 Health Services***

The University operates clinics at both campuses staffed by qualified personnel. The staff members are available to offer advice. A medical practitioner is also available on a part-time basis.

#### ***B.6 Chaplaincy***

As part of the University's commitment to balanced welfare for students, there is freedom of worship participation in spiritual activities. A chapel is available at the Kwaluseni campus for meetings which are arranged by various Christian groups.

## Master of Arts in African Languages and Linguistics

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes,, the following Special Regulations shall apply.

### Entrance requirements

The minimum entrance requirements for the M.A. in African Languages and Linguistics Degree shall be a B.A. in Humanities, B.Ed. Secondary (Humanities) from UNESWA or an Equivalent degree from a recognised institution.

## MASTERS IN AFRICAN LANGUAGES AND LINGUISTICS

### Semester I

Core courses	L	P	Cr
ALL601 Advanced Topics in Phonology and Morphology	3	0	3.0
ALL603 Theoretical issues in Generative Syntax And Semantics	3	0	3.0
ALL605 Issues in Translation Studies	2	2	3.3
ALL607 Advanced Research Methods in Language/Linguistics	3	0	3.0

### Semester II

Core Courses	L	P	Cr
ALL602 Advanced Lexicography	3	0	3.0
ALL604 Studies in Interpreting	2	2	3.3
ALL606 Theoretical Issues in Language Acquisition	3	0	3.0
ALL608 Contemporary Issues in Historical Linguistics	3	0	3.0
ALL690 Seminar	0	2	1.3

### Elective Courses

Semester I	L	P	Cr
ALL609 Language Planning and Policy	3	0	3.0
ALL611 Corpus Linguistics	2	2	3.3
Semester II			
ALL610 Sign Language Linguistics	3	0	3.0

ALL612	Onomastics	3	0	3.0
ALL614	Experimental Phonetics <sup>1</sup>	2	3	4.0

### Semester III

ALL699	Master's Thesis			6.0
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### Semester IV

ALL699	Master's Thesis			6.0
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## Master of Arts in African Literature

### Preamble

Subject to the provisions of the Academic General Regulations for Post-Graduate Programmes, and, Academic General Regulations for Masters' Degree Programmes, the following Special Regulations shall apply:

### Entrance requirements

The minimum entrance requirements for the M.A. in African Literature Degree shall be a B.A. in Humanities, B.Ed. Secondary (Humanities) from UNESWA or an Equivalent degree from a recognised institution, with a major in African literature or equivalent courses.

### Semester I

Core Courses		L	P	Cr
ALL621	Nguni Literatures	3	0	3.0
	OR			
ALL629	Literature of the Black Diaspora	3	0	3.0
ALL623	Comparative Study of African Orature	3	0	3.0
ALL625	Critical Approaches to African Literature	3	0	3.0
ALL627	Advanced Research Methods in Literature	3	0	3.0

### Semester II

Core Courses		L	P	Cr
ALL622	Thematic Concerns in the African Novel	3	0	3.0
ALL624	Developments of African Theatre and Drama	2	2	3.3
ALL626	African Poetry and the Contemporary Experience	3	0	3.0
ALL628	Gender and African Literature	3	0	3.0
ALL690	Seminar	0	2	1.3

### Elective Courses

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<b>Semester I</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
ALL631	Special Author	3	0	3.0
ALL633	Children's Literature	3	0	3.0
ALL635	Contemporary Trends in African Literature	3	0	3.0
<b>Semester II</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
ALL630	The African Biography and Autobiography	3	0	3.0
ALL632	Advanced Creative Writing	2	2	3.3
ALL634	African Film Studies	2	2	3.3
<b>Semester III</b>				
ALL699	Master's Thesis			6.0
<b>Semester IV</b>				
ALL699	Master's Thesis			6.0



DEPARTMENT OF AGRICULTURAL  
EDUCATION AND EXTENSION

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### **Master of Science in Agricultural Education**

#### **Preamble**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following Special Regulations shall apply.

#### **Entrance Requirements**

The normal requirements for entry into the Master's degree in Agricultural Education programme shall be a Bachelor's degree in Agricultural Education, or any recognized university degree equivalent, , from UNESWA, or any other recognized university.

#### **First Semester**

##### **Core Courses**

	<b>L</b>	<b>P</b>	<b>Cr</b>
AEE601 Educational Research Methods	3	0	3.0
AEE603 Teaching: Theory and Practice Analysis	3	0	3.0
AEE609 Development Support Communication	3	0	3.0
AEE607 Youth and Adult Life Long Learning	3	0	3.0

##### **Elective Courses**

AEE631 Curriculum Theory and Innovations	3	0	3.0
AEE633 Innovation Development and Application	3	0	3.0

#### **Second Semester**

##### **Core Courses**

AEE602 Data Analysis and Interpretation	3	0	3.0
AEE604 Leadership, Supervision, and Management	3	0	3.0
AEE606 Environmental Education	3	0	3.0
AEM642 Applied Economic Analysis	2	2	3.3
AEE690 Seminar	0	3	2.0

##### **Elective Courses**

AEE632 Cognition and Capacity Development	3	0	3.0
AEE634 Theory and Practice of Counselling	3	0	3.0
AEE636 Agricultural Knowledge Systems	3	0	3.0

### Third Semester

AEE699 Master's Thesis	6.0
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### Fourth Semester

AEE699 Master's Thesis	6.0
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## Master of Science in Agricultural Extension

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following Special Regulations shall apply.

### Entrance Requirements

The normal requirements for entry into the Master's in Agricultural Extension programme shall be a Bachelor's degree in Agricultural Extension or a Bachelor's degree in Agriculture or agriculture related field, from UNESWA or any other recognised University.

### First Semester

Core Courses	L	P	Cr
AEE601 Educational Research Methods	3	0	3.0
AEE609 Development Support Communication	3	0	3.0
AEE607 Youth and Adult Life-long Learning	3	0	3.0
AEE613 Agricultural Management and Supervision	3	0	3.0

### Elective Courses

AEE635 Sustainable Development	3	0	3.0
AEE637 Rural Development	3	0	3.0
AEE639 Extension Systems and Methods	3	0	3.0

### Second Semester

Core Courses	L	P	Cr
AEE602 Data Analysis and Interpretation	3	0	3.0
AEE606 Environmental Education	3	0	3.0
AEE612 Programme Planning, Monitoring and Evaluation	3	0	3.0

AEE614 Social Theory, Social Change and Development	3	0	3.0
AEE690 Seminar	0	3	2.0

#### **Elective Courses**

AEE612 Agricultural Knowledge Systems	3	0	3.0
AEE618 Rural Social Institutions and Organizations	3	0	3.0

#### **Third Semester**

AEE699 Master's Thesis			6.0
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#### **Fourth Semester**

AEE699 Master's Thesis			6.0
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### **Ph.D. DEGREE IN AGRICULTURAL EDUCATION**

#### **PREAMBLE**

Subject to the Academic General Regulations for Post-Graduate programmes and Ph.D. degrees, the following Special Regulation(s) shall apply.

#### **ENTRANCE REQUIREMENTS**

The normal requirement for entry into the Ph.D. degree in Agricultural Education shall be a Master's degree in Agricultural Education or a Master's degree in Agricultural Extension from the University of Eswatini or its equivalent from any other recognised university.

#### **Core Courses**

**L P Cr**

#### **Semester I**

AEE701	Research Designs, Instruments, and Data Analysis	3	0	3.0
AEE715	Scholarship, Communication, and Publication	3	0	3.0

AEE717	Proposal Writing for Agriculture Grantsmanship	3	0	3.0
AEE705	Governance, Organisational Management and Strategies in Agriculture	3	0	3.0
AEE719	Philosophical Foundations of Agricultural Education	3	0	3.0
<b>Total</b>				<b>15.0</b>

**Semester II**  
**Core Courses**

AEE716	Application of Multivariate Analysis to Agricultural Education	3	0	3.0
AEE706	Special Topics	3	0	3.0
AEE790	Seminar	0	3	2.0
<b>Total</b>				<b>8.0</b>

**Semester III**

AEE791	Comprehensive Examination			
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**Semester IV - VIII**

AEE799	Dissertation			30.0
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DEPARTMENT OF AGRICULTURAL  
ECONOMICS AND MANAGEMENT

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**Master of Science in Agricultural and Applied Economics**

**Preamble**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, degrees the following Special Regulations shall apply.

**Entrance Requirements**

The minimum entry requirements for the M.Sc. (Agricultural and Applied Economics) degree shall be a Bachelor's degree in Economics or Agricultural Economics or Agriculture or Agricultural Education from UNESWA or any other recognised institution.

**A. AGRIBUSINESS MANAGEMENT OPTION**

**First Semester**

<b>Core courses</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
AEM601 Microeconomics	3	0	3.0
AEM611 Institutional and Behavioural Economics	2	0	3.0
AEM603 Statistics for Economists	2	2	3.3
AEM605 Econometrics	2	2	3.3
AEM609 Mathematics for Economists	2	2	3.3
AEM607 Production Economics	2	0	2.0

**Second Semester**

<b>Core courses</b>			
AEM604 Research Methodology	3	0	3.0
AEM690 Seminar on issues in Agricultural and Applied Economics	0	2	1.3
AEM608 Agribusiness Management	3	0	3.0
AEM602 Macroeconomics	3	0	3.0

**Third Semester**

AEM699 Master's Thesis	6.0
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**Fourth Semester**

AEM699 Master's Thesis	6.0
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**B. AGRICULTURAL POLICY AND TRADE OPTION**

**First Semester****Core courses**

AEM601 Microeconomics	3	0	3.0
AEM611 Institutional and Behavioural Economics	2	0	2.0
AEM603 Statistics for Economists	2	2	3.3
AEM605 Econometrics	2	2	3.3
AEM606 Mathematics for Economists	2	2	3.3
AEM607 Production Economics	2	0	2.0

**Second Semester****Core courses**

AEM604 Research Methodology	3	0	3.0
AEM690 Seminar on issues in Agricultural and Applied Economics	0	2	1.3
AEM610 Agricultural Policy and Trade	3	0	3.0
AEM602 Macroeconomics	3	0	3.0

**Third Semester**

AEM699 Master's Thesis	6.0
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**Fourth Semester**

AEM699 Master's Thesis	6.0
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**C. AGRICULTURE AND RURAL DEVELOPMENT OPTION****First Semester****Core courses**

AEM601 Microeconomics	3	0	3.0
AEM611 Institutional and Behavioural Economics	2	0	2.0
AEM603 Statistics for Economists	2	2	3.3
AEM605 Econometrics	2	2	3.3
AEM609 Mathematics for Economists	2	2	3.3
AEM607 Production Economics	2	0	2.0

**Second Semester****Core courses**

AEM604 Research Methodology	3	0	3.0
AEM690 Seminar on issues in Agricultural and Applied Economics	0	2	1.3
AEM606 Agricultural and Rural Development	3	0	3.0
AEM602 Macroeconomics	3	0	2.0

### Third Semester

AEM699 Master's Thesis	6.0
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### Fourth Semester

AEM699 Master's Thesis	6.0
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### ELECTIVE COURSES [FOR ALL OPTIONS – a student takes a minimum of six credits]

#### Second Semester

##### Electives courses

AEM632 Agribusiness Supply Chain Management	3	0	3.0
AEM634 Agricultural Finance Management	3	0	3.0
AEM636 Quantitative Analysis of Agricultural Policies	3	0	3.0
AEM638 International Trade and Policy	3	0	3.0
AEM640 Farm Management and Production	3	2	3.3
AEM642 Applied Economic Analysis	3	2	3.3

### Ph.D. DEGREE IN AGRICULTURAL & APPLIED ECONOMICS

#### Academic Regulations for the Ph.D. degree in Agricultural & Applied Economics

#### PREAMBLE

Subject to the Academic General Regulations for Post-Graduate and for Ph.D. degrees programmes, the following Special Regulation(s) shall apply:

#### ENTRANCE REQUIREMENTS

An applicant seeking admission for Doctor of Philosophy Degree in Agricultural and Applied Economics must have academic Master's degree in Agricultural and Applied Economics from the University of Eswatini or related disciplines.

Course code	Core courses	L	P	Cr
<b>Semester I</b>				
AEM701	Econometric Methods	3	3	5.0
AEM703	Microeconomic Theory	3	0	3.0
AEM705	Contemporary Issues in			



	Agricultural and Applied			
	Economics	2	3	4.0
<b>Elective</b>		3	0	3.0
<b>Sub-Total</b>				<b>15.0</b>

## Semester II

AEM702	Advanced Research			
	Methodology	3	0	3.0
AEM704	Macroeconomic Theory	3	0	3.0
AEM706	Operations Research in			
	Agribusiness Management	2	3	4.0
AEM790	Seminar	0	3	2.0
Elective		3	0	3.0
<b>Sub -Total</b>				<b>15.0</b>

## Semester III

*Any two courses from the following specialisations*

### Agribusiness Management Specialisation

AEM707	Agribusiness Management	3	0	3.0
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### Agricultural policy and Trade Specialisation

AEM709	Agricultural Policy Analysis	3	0	3.0
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### Agriculture and Rural Development Specialisation

AEM711	Agricultural and Rural			
	Development	3	0	3.0

### Environment and Natural Resource Economics

#### Specialisation

AEM713	Environmental and Natural			
	Resource Management	3	0	3.0

*Plus Three Electives* 9.0

<b>Sub-Total</b>				<b>15.0</b>
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## Semester IV

AEM791	Comprehensive Examination			
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## Semester V-VIII

AEM799	Dissertation			<b>30.0</b>
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## List of Electives

### Semester I

AEM733	Project Planning and Management	3	0	3.0
AEM735	Farming Systems and Sustainable Livelihood	3	0	3.0
<b>Semester II</b>				
AEM732	Agricultural Finance and Risk Management	3	0	3.0
AEM734	Agricultural Marketing and Price Analysis	3	0	3.0
<b>Semester III</b>				
AEM737	International Trade and Policy	0	3.0	3
AEM739	Agribusiness Supply Chain Management	3	0	3.0
AEM741	Natural Resource Economics and Management	2	3	4.0
AEM743	Environmental Valuation and Applications	3	0	3.0
AEM745	Farm Management and Production	3	0	3.0
AEM747	Environmental Economics and Policy			
AEM749	Quantitative Agricultural Policy Analysis	3	0	3.0

## Master of Science in Animal Science

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following Special Regulations shall apply.

### Entrance Requirements

The minimum entrance requirement for the M.Sc. in Animal Science degree shall be a B. Sc. degree in Animal Science, or B. Sc. degree in Animal Science (Dairy Science Option), or B.Sc. degree in Agriculture or an equivalent B.Sc. degree from a recognised institution.

The degree has three areas of specialisation:

### A. Animal Breeding & Genetics Option

#### First Semester

Core courses	L	P	Cr
ASC601 Research & Statistical Methods	2	2	3.3
ASC609 Population Genetics	2	2	3.3
ASC611 Molecular Genetics	2	2	3.3
ASC613 Animal Behaviour & Welfare	2	2	3.3

#### Second Semester

Core courses			
ASC602 Animal Breeding & Genetics	2	2	3.3
ASC604 Animal Biotechnology	2	2	2.3
AEM642 Applied Economic Analysis	2	2	3.3
ASC690 Seminar	0	3	2.0

#### Third Semester

ASC699 Master's Thesis	6.0
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#### Fourth Semester

ASC699 Master's Thesis	6.0
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### B. Dairy Science Option

#### First Semester

**Core courses**

ASC601 Research & Statistical Methods	2	2	3.3
ASC603 Dairy Lactation & Biotechnology	2	2	3.3
ASC613 Animal Behaviour & Welfare	2	2	3.3
ASC615 Dairy Animal Nutrition	2	2	3.3

**Second Semester****Core courses**

ASC604 Animal Biotechnology	2	2	3.3
ASC606 Dairy Processing & Quality Control	2	2	3.3
AEM642 Applied Economic Analysis	2	2	3.3
ASC690 Seminar	0	3	2.0

**Third Semester**

ASC699 Master's Thesis		6.0	
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**Fourth Semester**

ASC699 Master's Thesis		6.0	
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**C. Animal Nutrition Option****First Semester****Core courses**

ASC601 Research & Statistical Methods	2	2	3.3
ASC607 Ruminant Nutrition	2	2	3.3
ASC613 Animal Behaviour & Welfare	2	2	3.3
ASC615 Mineral & Vitamin Nutrition	2	2	3.3

**Second Semester****Core courses**

ASC608 Non - Ruminant Nutrition	2	2	3.3
ASC610 Animal Feed Resources & Processing	2	2	3.3
AEM642 Applied Economic Analysis	2	2	3.3
ASC690 Seminar	0	3	2.0

**Third Semester**

ASC699 Master's Thesis	6.0
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**Fourth Semester**

ASC699 Master's Thesis	6.0
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**ELECTIVE COURSES [FOR ALL OPTIONS]**

**First Semester**

ASC631 Animal Physiology & Endocrinology	2	2	3.3
ASC633 Wildlife Management and Conservation	2	2	3.3
ASC635 Environmental Impact of Animal Production	2	2	3.3
ASC637 Dairy Fermentation	2	2	3.3

**Second Semester**

ASC632 Applied Animal Herd Health Management	2	2	3.3
ASC634 Animal Conservation Genetics	2	2	3.3
ASC636 Dairy Production and Management Systems	2	2	3.3

## **Master of Science in Consumer Science Education**

### **Preamble**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following Special Regulations shall apply.

### **Entrance Requirements**

The minimum entrance requirement for the M.Sc. in Consumer Science Education degree shall be a B. Sc. degree in Home Economics Education and/or Consumer Science Education of the University of Eswatini or any other recognised University.

<b>Semester I</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</b>			
AEE601 Educational Research Methods	3	0	3.0
CSE601 Advanced Teaching Methods in Consumer Sciences	3	0	3.0
CSE603 Administration and Resource Management for Educational Leaders	3	0	3.0
CSE605 Education for Sustainable Development	3	0	3.0
<b>Electives courses</b>			
COS631 Food Security and Livelihoods	3	0	3.0
TAD631 Product Development in Apparel	2	2	3.3
<b>Semester II</b>			
<b>Core courses</b>			
CSE602 Curriculum Theory and Innovations in Consumer Sciences	3	0	3.0
AEE602 Data Analysis and Interpretation	3	0	3.0
CSE690 Seminar in Consumer Science Education	0	2	1.3
CSE604 Measurement and Testing in Consumer Sciences	3	0	3.0
CSE606 Vocational Education in Consumer Sciences	3	0	3.0
<b>Electives courses</b>			
TAD632 Textile Quality Evaluation	3	0	3.0
COS632 Policy Studies	3	0	3.0
FST632 Small-scale Food Processing Technology	3	0	3.0
<b>Semester III</b>			
CSE699 Master's Thesis			6.0

**Semester IV**

CSE699 Master's Thesis

6.0

**MASTER OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY****Preamble:**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply

**Entrance Requirements**

The minimum entrance requirement for M.Sc. Degree in Food Science shall be a BSc degree in Home Economics, BSc degree in Consumer Science, BSc degree in Food Science, Nutrition and Technology, BSc degree in Environmental Health and Food Science from the University of Eswatini or any other recognized institution.

**First Semester**

<b>Core Courses</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
FNS601 Food Chemistry and Analysis	2	2	3.3
FNS603 Food Microbiology and Safety	2	2	3.3
FNS605 Research Methods	2	2	3.3
FNS607 Food Processing Technology	2	2	3.3
<b>Elective Courses</b>			
FNS631 Sugar and Confectionary Processing Technology	2	2	3.3
FNS633 Cereal Science and Technology	2	2	3.3
FNS635 Root Crops and Processing	2	2	3.3

**Second Semester**

<b>Core Courses</b>			
FNS607 Food Processing Technology	2	2	3.3
ASC622 Food Biotechnology	2	2	3.3
FNS604 Product and Development Sensory Analysis	2	2	3.3
FNS606 Food Quality Assurance and Legislation	2	0	2
AEM642 Applied Economic Analysis	2	2	3.3
FNS690 Seminar	0	2	1.3
<b>Elective Courses</b>			
FNS634 Fruit and Vegetable Processing Technology	2	2	3.3
FNS636 Operations Management	2	0	2.0
FNS632 Small scale Food Processing	3	0	3.0

**Third Semester**

6.0

**Second Semester**

## DEPARTMENT OF CHEMISTRY

**Master of Science in Chemistry****Preamble**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following Special Regulations shall apply.

**Entrance Requirements**

The minimum entry requirement for the M.Sc. in Chemistry degree shall be a Bachelor's degree with Chemistry as a major, from UNESWA or any other recognized institution.

**NATURAL PRODUCTS AND MEDICINAL CHEMISTRY OPTION****First Semester****L P Cr****Core courses**

CHE690 Seminar	0	3	2.0
CHE601 Chemotherapy	0	3	2.0
CHE603 Methods of Organic Synthesis	3	0	3.0
CHE605 Natural Products I	3	0	3.0
CHE607 Spectro-analytical Methods	3	0	3.0

**Electives courses**

CHE631 Special Topics in Natural Products and Medicinal Chemistry	3	0	3.0
CHE633 Bio-Inorganic Chemistry	3	0	3.0

**Second Semester****Core courses**

CHE602 Applied Spectroscopy	3	0	3.0
CHE604 Research Methods in Chemistry	3	0	3.0
CHE606 Separation Methods	3	0	3.0
CHE608 Instrumental Techniques in Chemistry	0	6	4.0

**Electives courses**

CHE632 Natural Products II	3	0	3.0
CHE634 Traditional Medicine	3	0	3.0
CHE636 Special Topics in Environmental/Analytical Chemistry	3	0	3.0



**Third Semester**

CHE699 Master's Thesis			6.0
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**Fourth Semester**

CHE699 Master's Thesis			6.0
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**ANALYTICAL/ENVIRONMENTAL CHEMISTRY OPTION****First Semester****Core courses**

CHE690 Seminar	0	3	2.0
CHE607 Spectro-Analytical Methods	3	0	3.0
CHE609 Thermal and Electro-Analytical Methods	3	0	3.0
CHE611 Special Analytical Techniques	3	0	3.0

**Elective courses**

CHE631 Special Topics in Natural Products and Medicinal Chemistry	3	0	3.0
CHE633 Bio-Inorganic Chemistry	3	0	3.0

**Second Semester****Core courses**

CHE604 Research Methods in Chemistry	3	0	3.0
CHE606 Separation Methods	3	0	3.0
CHE610 Chemical Pollution Studies	3	0	3.0

CHE608 Instrumental Techniques in Chemistry		6	4.0
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**Elective Courses**

CHE632 Natural Products II	3	0	3.0
CHE634 Traditional Medicine	3	0	3.0
CHE636 Special Topics in Environmental/Analytical Chemistry	3	0	3.0

CHE699 Master's Thesis			6.0
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**Fourth Semester**

CHE699 Master's Thesis			6.0
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## Master of Science in Crop Science

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special shall apply.

### Entrance Requirements

The minimum entrance requirement for the M.Sc. (Crop Science) degree shall be a B.Sc. degree in Agriculture (Crop Production Option or Horticulture Option) or a B.Sc. degree in Agronomy from UNESWA or any other recognized institution.

### First Semester

#### Core courses

	<b>L</b>	<b>P</b>	<b>Cr</b>
CPR601 Crop Physiology in Relation to Agricultural Productivity	3	0	3.0
CPR603 Crop Genetics and Breeding	3	2	4.3
HRT601 Plant Biotechnology	3	2	4.3

#### Electives courses

CPR631 Stress physiology	3	2	4.3
CPR633 Post-harvest Crop Protection	3	2	4.3
CPR635 Seed Science	3	2	4.3

### Second Semester

#### Core courses

CPR602 Cropping Systems in the Semi-arid Tropics	2	3	4.0
CPR690 Seminar	0	2	1.3
CPR614 Soil Chemistry and Fertility	3	2	4.3
CPR606 Research Methods and Experimental Design	3	2	4.3

#### Electives courses

CPR632 Weed Science	3	2	4.3
CPR634 Sustainable Crop Production	3	2	4.3
CPR636 Agricultural Entomology	3	2	4.3
CPR638 Phytopathology	3	2	4.3

**Third Semester**

CPR699 Master's Thesis	6.0
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**Fourth Semester**

CPR699 Master's Thesis	6.0
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The Department of Biological Sciences coordinates the following degree which is offered by different Departments in the University

### 1. Master of Science in Environmental Resources Management

#### Preamble:

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply.

#### Entrance Requirements

The minimum entry requirement for the M.Sc. (Environmental Resources Management) shall be either a B.Sc. degree or a B.A. degree (with Majors in any of the following: Biology, Chemistry, Geography, Environmental Science and Planning, or any other relevant area) or a B.Sc. degree (Agriculture or agriculture related field) from UNESWA or any other recognized institution. In addition, the Bachelor's degree must be in an area relevant to the option of interest. .

#### AREA OF SPECIALIZATION "A"

##### Biodiversity Conservation and Management (Department of Biological Sciences)

First Semester	L	P	Cr
<b>Core courses</b>			
GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0
BIO690 Seminar	0	2	1.3
<b>Second Semester</b>			
<b>Core courses</b>			
BIO602 Biological Research Techniques	3	0	3.0
BIO604 Biological Resources Management	3	0	3.0
BIO606 African Ecology and Conservation	3	0	3.0
BIO608 Microbes as a Resource	3	0	3.0

**Third Semester**

BIO699 Master's Thesis	6.0
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**Fourth Semester**

BIO699 Master's Thesis	6.0
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**AREA OF SPECIALIZATION "B"**

**Land and Water Resources Management (Department of Geography, Environmental Science and Planning).**

**First Semester****Core courses**

GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0
GEP690 Seminar	0	2	1.3

**Second Semester****Core courses**

GEP602 Development, Urban Systems and the Environment	3	0	3.0
GEP604 Land and Water Resources Planning and Management	3	0	3.0
GEP606 Environmental Geomorphology	3	0	3.0

**Third Semester**

GEP699 Master's Thesis	6.0
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**Fourth Semester**

GEP699 Master's Thesis	6.0
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**AREA OF SPECIALIZATION "C"**

**Agricultural & Biosystems Engineering (Department of Agricultural & Biosystems Engineering).**

**First Semester**

**Core courses**

GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0
ABE690 Seminar	0	2	1.3

**Second Semester****Core courses**

ABE602 Integrated Water Resources Management	2	2	3.3
ABE604 Land Resources Management	2	2	3.3
ABE606 Impact Assessment of Agricultural Projects	2	2	3.3
ABE608 Research Techniques in Agricultural and Biosystems Engineering	2	0	2.0

**Third Semester**

ABE699 Master's Thesis			6.0
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**Fourth Semester**

ABE699 Master's Thesis			6.0
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**AREA OF SPECIALIZATION "D"****Livestock and Environment (Department of Animal Science).****First Semester****Core courses**

GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0
ASC690 Seminar	0	2	1.3

**Second Semester****Core courses**

ASC612 Animal Production Systems	3	0	3.0
ASC614 Animal Welfare and Legislation	3	0	3.0
ASC616 Rangeland Management	3	0	3.0
ASC618 Animal Production Research Techniques	3	0	3.0

**Third Semester**

ASC699 Master's Thesis 6.0

**Fourth Semester**

ASC699 Master's Thesis 6.0

**AREA OF SPECIALIZATION "E"****Environmental Chemistry and Management (Department of Chemistry).****First Semester****Core courses**

GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0
CHE690 Seminar	0	2	1.3

**Second Semester****Core courses**

CHE610 Environmental Chemistry	3	0	3.0
CHE612 Chemical Pollution Studies	3	0	3.0
CHE614 Environmental, Analytical Research Techniques	3	0	3.0
CHE616 Chemistry Research Techniques	3	0	3.0

**Third Semester**

CHE699 Master's Thesis 6.0

**Fourth Semester**

CHE699 Master's Thesis 6.0

## AREA OF SPECIALIZATION “F”

### Environmental Crop Production (Department of Crop Production).

#### First Semester

##### Core courses

GEP601 Environmental Management and Resource Economics	3	0	3.0
ABE601 GIS and Spatial Analysis	3	2	4.3
CHE613 Environmental Pollution	3	0	3.0
BIO601 Environmental Law	3	0	3.0

#### Second Semester

##### Core courses

CPR602 Cropping Systems in the Semi-arid Tropics	3	2	4.3
CPR604 Soil Chemistry and Fertility	3	2	4.3
CPR606 Research Methods and Experimental Design	2	3	4.3
CPR690 Seminar	0	2	1.3

#### Third Semester

CPR699 Master's Thesis			6.0
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#### Fourth Semester

CPR699 Master's Thesis			6.0
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### ELECTIVE COURSES [FOR ALL OPTIONS – a student takes a minimum of six credits]

#### Second Semester

BIO632 Bio Control and Ecosystems	3	0	3.0
GEP632 Climate Change And Environment	3	0	3.0
ASC638 Environmental Impacts of Livestock Production	3	0	3.0
CHE636 Special Topics In Environmental/Analytical Chemistry	3	0	3.0
ABE632 Agricultural and Farm Waste Management	2	2	3.3
ABE634 Drainage and Waste Water Management	2	2	3.3



## Master of Science in Conservation Ecology

### Preamble:

Subject to the Academic General Regulations for Post-Graduate and Master's degrees, the following Special Regulations shall apply.

### Entrance Requirements

The minimum entry requirement for the M.Sc. (Conservation Ecology) degree shall be a B.Sc. degree with a major in Biology or equivalent qualification from UNESWA or any other recognized institution.

First Semester	L	P	Cr
<b>Core courses</b>			
BIO601 Biodiversity Conservation	3	0	3.0
BIO603 Ecology Techniques I	3	3	5.0
BIO605 Applied Ecology	3	0	3.0
BIO607 Research Methods	2	2	3.3

### Electives courses

BIO611 Systematic and Phylogeography	3	0	3.0
BIO613 Mammalian Conservation	3	0	3.0

### Second Semester

#### Core courses

BIO602 Landscape Ecology	3	0	3.0
BIO604 Aquatic Conservation	3	0	3.0
BIO606 Population Dynamics	3	0	3.0
BIO608 Ecological Techniques II	0	3	2.0
BIO690 Seminar	0	2	1.3

#### Electives courses

BIO612 Predictive Niche Modelling	3	0	3.0
BIO614 Integrated Pest Management	3	0	3.0
BIO616 Invertebrate Ecology	3	0	3.0

### Third Semester

BIO699 Master's Thesis			6.0
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**Fourth Semester**

BIO699 Master's Thesis

6.0

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**MASTER OF SCIENCE IN COMPUTER SCIENCE**
**PREAMBLE**

Subject to the provision of the Academic General Regulations for the Post-Graduate programmes and the Academic General Regulations for Master's degree Programmes, the following Special Regulations shall apply.

**ENTRANCE REQUIREMENTS**

The minimum entry requirements for the Master of Science in Computer Science shall be:

- i. Bachelor's degree with majors in Computer Science/Computer Engineering/Computer Science Education/Information Technology/Information science or related discipline from UNESWA or any other recognized institution.
- ii. Bachelor's Degree or its equivalent in any other discipline from UNESWA or any recognized institution **TOGETHER WITH** a Postgraduate Diploma (PGD) in Computer Science/Information Technology/Computer Science Education/Information Science from UNESWA or any recognized institution.

**PROGRAMME STRUCTURE**

Master of Science programme in Computer Science is structured for both FULL TIME and PART TIME. A student is required to take all the core courses and choose the required number of elective courses that make him/her satisfies the credits required to graduate.

**OPTION A: SOFTWARE ENGINEERING SPECIALIZATION****Semester I**

Core Courses		L	P	Cr
CSC601	Advanced Software Engineering	2	1	2.7
CSC603	Advanced Research Methodology	2	1	2.7
CSC609	Advanced Database Technology and Design	2	1	2.7

CSC611	Advanced Artificial Intelligence	2	1	2.7
CSC613	Software Auditing and Reporting	2	0	2.0

<b>Elective Courses</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
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CSC605	Advanced Data Structures and Algorithms	2	1	2.7
CSC607	Evolutionary and Soft computing	2	1	2.7
CSC627	Clinical Decision Support Systems	2	1	2.7

### Semester II

<b>Core Courses</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
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BUS632	Small Business Management and Entrepreneurship	2	0	2.0
CSC608	Applied Machine Learning	2	1	2.7
CSC690	Graduate Seminar in Computer Science	0	2	1.3
CSC612	Data Warehouse and Data Mining Technologies	2	1	2.7
CSC626	Knowledge Engineering and Expert System	2	1	2.7

<b>Elective Courses</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
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CSC602	Data Communications and Computer Networks	2	1	2.7
CSC604	Advanced Modeling and Simulation	2	1	2.7
CSC614	Web Organization and Applications	2	1	2.7
CSC624	Advanced Human Computer Interaction	2	1	2.7
CSC628	Consumer Health Informatics	2	1	2.7
CSC634	Healthcare Information Systems Management	2	1	2.7

### Semester III

<b>Core Course</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
<b>CSC699</b>	Master's Thesis			6.0

**Semester IV**

<b>Core Course</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
<b>CSC699</b>	Master's Thesis			6.0

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## Master of Science in Horticulture

### Preamble:

Subject to the Academic General Regulations for Post-Graduate degrees; and the Academic General Regulations for Masters programmes, the following special regulations of the Horticulture Department shall apply.

### Entrance Requirements

The minimum entrance requirement for the M.Sc. in Horticulture degree shall be either a B.Sc. in Horticulture, a B.Sc. in Agriculture (Horticulture Option), a B.Sc. in Agriculture (CP Option), or B.Sc. in Agricultural Education, from UNESWA or any other recognized institution, or any other equivalent qualification.

First Semester	L	P	Cr
<b>Core courses</b>			
CPR601 Crop Physiology in Relation to Agricultural Productivity	3	0	3.0
HRT601 Vegetable Science	2	2	3.3
HRT603 Biotechnology of Horticultural Crops	2	2	3.3
HRT605 Research Methods and Experimental Design	3	2	4.3
			6
<b>Electives courses</b>			
HRT631 Seed Science	3	2	4.3
HRT633 Ornamental Horticulture	3	2	4.3
<b>Second Semester</b>			
<b>Core courses</b>			
HRT602 Post-harvest Technology	2	2	3.3
HRT604 Tropical and Sub-tropical Fruit Science	2	2	3.3
HRT606 Floriculture	2	2	3.3
HRT690 Horticultural Science Seminar	0	2	1.3
<b>Electives courses</b>			
HRT632 Herbs, Spices and Traditional Vegetables	3	2	4.3
HRT634 Greenhouse Technology and Hydroponics	3	2	4.3
HRT636 Temperate Fruit Science	3	2	4.3

### Third Semester

HRT699 Master's Thesis	6.0
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**Fourth Semester**

HRT699 Master's Thesis	6.0
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## Master of Nursing Science in Family Nurse Practice [MNSc. FNP]

### Preamble:

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply

### Entrance Requirements

The minimum entrance requirement for MNSc. FNP shall be a Bachelor in Nursing Science (BNSc) degree from the University of Eswatini or any other recognized institution.

### Semester I

Core Courses			L	P	Cr
GNS601 Research Methods in Nursing		2	0	2.0	
GNS603 Pathophysiology	2	1	2.7		
GNS605 Pharmacotherapeutics across the Life Span	3	0	3.0		
GNS607 Family Nurse Practice for the Child and Adolescent	2	2	3.3		
GNS609 Health Economics		2	0	2.0	
GNS611 Monitoring and Evaluation		3	0	3.0	

### Elective Courses

GNS635 Demography for Health Sciences	3	0	3.0		
GNS637 Theories in Nursing		3	0	3.0	
GNS639 Palliative Care		3	0	3.0	

### Semester II

#### Core Courses

GNS612 Data Analysis and Interpretation		2	0	2.0	
GNS614 Human Resource Management		2	0	2.0	
GNS690 Seminar on Issues of Family Nurse Practice	0	3	2.0		
GNS618 Family Nurse Practice for the Adult and the Elderly	2	3	4.0		
GNS620 Clinical Teaching in Nursing		2	0	2.0	
GNS622 Management of Common Psychiatric Disorders		3	0	3.0	

#### Elective Courses

GNS634 Analysis of Health Policy Issues		3	0	3.0	
GNS636 Emerging Issues in Health	3	0	3.0		
GNS638 Biostatistics for Evidence-Based Practice	3	0	3.0		
GNS632 Health Informatics		3	0	3.0	

**Semester III****Core Courses**

GNS699 Master's Thesis	6.0
GNS613 Internship	2.9

**Semester IV****Core Courses**

GNS699 Master's Thesis	6.0
GNS613 Internship	2.9

## Master of Arts in History

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply

### Entrance Requirements

The minimum entry requirements for the M.A. (History) degree shall be a B.A. degree in which History is one of the majors from UNESWA or any other recognized institution.

First Semester	L	P	Cr
<b>Core courses</b>			
HIS601 Research Methods in History	3	0	3.0
HIS603 Themes in the Pre-colonial History of Swaziland	3	0	3.0
HIS605 Introduction to the Historiography of Southern Africa	3	0	3.0
HIS607 Comparative History of Revolutions	3	0	3.0
<b>Elective courses</b>	3	0	3.0
HIS631 Economic History of Africa in Early Historical Times.	3	0	3.0
HIS633 Comparative History of Slavery: Ancient and New World Slavery	3	0	3.0
HIS635 Theory and History of Capitalism and Imperialism	3	0	3.0
HIS637 Comparative History of the Peasantry	3	0	3.0
<b>Second Semester</b>			
<b>Core courses</b>	3	0	3.0
HIS602 Themes in the Colonial and Post-colonial History of Swaziland	3	0	3.0
HIS604 Themes in the Historiography of Southern Africa	3	0	3.0
HIS606 Comparative Labour History	3	0	3.0
HIS690 Seminar in Historical Topics	0	2	1.3
HIS608 Text Analysis in History	3	0	3.0
<b>Elective courses</b>			
HIS632 Economic History of Africa in Post-colonial Times	3	0	3.0
HIS634 Comparative History of Slavery: Slavery in Africa	3	0	3.0
HIS636 Politics in Africa since 1945	3	0	3.0

HIS638 Gender and Society in Africa

3 0 3.0

3 0 3.0

**Third Semester**

HIS699 Master's Thesis

6.0

**Fourth Semester**

HIS699 Master's Thesis

6.0

## Master of Education in Adult Education

### PREAMBLE

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply

### ENTRANCE REQUIREMENTS

The minimum entry requirements for the M.Ed. (Adult Education) degree shall be a Bachelor's degree in Adult Education or a Bachelor of Education with Adult and Continuing Education Option from UNESWA or any other recognised institution.

#### First Semester

##### Core Courses

	<b>L</b>	<b>P</b>	<b>Cr</b>
AED601 Measurement & Evaluation	3	0	3.0
AED603 Social Psychology of Adult Education	3	0	3.0
AED613 Communication in Adult Education	3	0	3.0
EFM601 Quantitative Research Methods	3	2	4.3

##### Electives

AED631 Counselling & Guidance in Adult Education	3	0	3.0
AED633 Community Development & Literacy	3	0	3.0

#### Second Semester

##### Core courses

AED602 Instructional Design & Technology	3	2	4.3
AED612 Management of Resources	3	0	3.0
EFM602 Qualitative Research Methods	3	2	4.3
AED690 Seminar	0	2	1.3

##### Electives

AED632 Gender & Population in Adult Education	3	0	3.0
AED634 Management of Public Enterprises	3	0	3.0
AED636 Small-Scale Business Management	3	0	3.0

#### Third Semester

AED699 Master's Thesis	6.0
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**Fourth Semester**

AED699 Master's Thesis	6.0
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## Master of Education in Primary Education

### PREAMBLE

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply

### ENTRANCE REQUIREMENTS

A Bachelor of Education Primary degree or equivalent from UNESWA or any other recognised institution.

#### *OPTION A: EDUCATIONAL ADMINISTRATION*

##### First Semester

	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</b>			
PED603 Language Education	3	0	3.0
PED605 Applied Language Study	3	0	3.0
PED611 Instructional Leadership	3	0	3.0
EFM601 Quantitative Methods of Research	3	2	4.3

##### Second Semester

<b>Core courses</b>			
PED602 Teaching Language Skills: Curriculum & Assessment in the First Language	2	0	2.0
PED604 Teaching Language Skills: Curriculum & Assessment in the Second Language	3	0	3.0
PED608 Perspectives of the School Curriculum	2	0	2.0
EFM602 Qualitative Methods of Research	3	2	4.3
PED690 Seminar	0	2	1.3

##### Third Semester

PED699 Master's Thesis	6.0
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##### Fourth Semester

PED699 Master's Thesis	6.0
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#### *OPTION B: SCIENCE EDUCATION*

<b>First Semester</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</b>			
PED607 Developments in Science Education	3	0	3.0
PED609 Teaching and Assessing Science at Primary School level	2	0	2.0
PED611 Instructional Leadership	3	0	3.0
EFM601 Quantitative Methods of Research	3	2	4.3

## **Second Semester**

### **Core courses**

PED610 Science Technology and Society Education	3	0	3.0
PED612 Philosophical Aspects of Science Education	2	0	2.0
PED608 Perspectives of the School Curriculum	3	0	3.0
EFM602 Qualitative Methods of Research	3	2	4.3
PED690 Seminar	0	2	1.3

## **Third Semester**

PED699 Master's Thesis			6.0
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## **Fourth Semester**

PED699 Master's Thesis			6.0
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### **Language Arts Education**

#### **Semester I**

<b>Core</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
PED601 Instructional Leadership	3	0	3.0
PED603 Language Education	3	0	3.0
PED605 Applied Language Study	3	0	3.0
EFM601 Quantitative Methods of Research	3	2	4.3

#### **Semester II**

<b>Core</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
PED602 : Teaching Language Skills: Curriculum and Assessment in the first language	2	0	2.0



PED604 Teaching Language Skills: Curriculum and Assessment in the Second Language	3	0	3.0
PED606 Contexts for Teaching and Learning Language	2	0	2.0
PED608 Perspectives of the School Curriculum	2	0	2.0
EFM602 Qualitative Methods of Research	3	2	4.3
PED690 Seminar	0	2	1.3

### **Semester III**

PED699 Master's Thesis			6.0
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### **Semester IV**

PED699 Master's Thesis			6.0
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## **ELECTIVE COURSES**

### **First Semester**

PED631 Professional Development for Teachers	3	0	3.0
PED633 Post Modernism: Thought and Practice	3	0	3.0
PED635 Applied Language Study: Assessment of English Language Learners & Development	3	0	3.0

### **Second Semester**

PED632 Trends in Teacher Education	3	0	3.0
PED634 Integration Approaches in Primary Education	3	0	3.0
PED606 Contexts for Teaching and Learning Language	2	0	2.0

## Master of Education in Curriculum and Teaching

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations of the Department of Curriculum and Teaching shall apply.

### Entrance Requirements

The minimum entry requirement for the Master of Education in Curriculum and Teaching shall be a Bachelor of Education degree or a Bachelor's degree with Education as a major subject, a Bachelor's degree and a Post-graduate Certificate in Education, a Bachelor's degree and a Post-graduate Diploma in Education from UNESWA or any other recognized institution.

### *OPTION A: LANGUAGES EDUCATION SPECIALIZATION*

#### First Semester

##### Core courses

	<b>L</b>	<b>P</b>	<b>Cr</b>
CTE601 Curriculum Theory	3	0	3.0
CTE603 Research on Teaching	3	0	3.0
EFM601 Quantitative Methods of Research	3	2	4.3
CTE605 Advanced Curriculum Studies: African Languages I	3	0	3.0

#### **OR**

CTE607 Advanced Curriculum Studies: English I

#### Second Semester

##### Core courses

CTE602 Curriculum Development	3	0	3.0
EFM602 Qualitative Methods of Research	3	2	4.3
CTE606 Advanced Curriculum Studies: African Languages II	3	0	3.0

#### **OR**

EDC635 Advanced Curriculum Studies: English II	3	0	3.0
CTE690 Seminar	0	2	1.3

#### Third Semester

CTE699 Master's Thesis			6.0
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#### Fourth Semester

CTE699 Master's Thesis				6.0
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### ***OPTION B: SOCIAL STUDIES EDUCATION SPECIALIZATION***

#### **First Semester**

##### **Core courses**

CTE601 Curriculum Theory	3	0	3.0
CTE603 Research on Teaching	3	0	3.0
EFM601 Quantitative Methods of Research	3	2	4.3
CTE609 Curriculum Studies: Religious Education I	3	0	3.0

##### **OR**

CTE611 Advanced Curriculum Studies: History I			
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##### **OR**

CTE613 Advanced Curriculum Studies: Geography I			
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#### **Second Semester**

##### **Core courses**

CTE602 Curriculum Development	3	0	3.0
EFM602 Qualitative Methods of Research	3	2	4.3
CTE610 Advanced Curriculum Studies: Religious Education II	3	0	3.0

##### **OR**

CTE612 Advanced Curriculum Studies: History II	3	0	3.0
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##### **OR**

CTE614 Advanced Curriculum Studies: Geography II	3	0	3.0
CTE690 Seminar	0	2	1.3

#### **Third Semester**

CTE699 Master's Thesis				6.0
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#### **Fourth Semester**

CTE699 Master's Thesis				6.0
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### **OPTION C: SCIENCE/ MATHEMATICS EDUCATION SPECIALIZATION**

#### **First Semester**

##### **Core courses**

CTE601 Curriculum Theory	3	0	3.0
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CTE603	Research on Teaching	3	0	3.0
EFM601	Quantitative Methods of Research	3	2	4.3
CTE616	Advanced Curriculum Studies: Chemistry I	3	0	3.0
CTE619	Advanced Curriculum Studies: Mathematics I	3	0	3.0

## **Second Semester**

### **Core courses**

CTE602	Curriculum Development	3	0	3.0
EFM602	Qualitative Methods of Research	3	2	4.3
CTE616	Advanced Curriculum Studies: Mathematics II	3	0	3.0
CTE620	Advanced Curriculum Studies: Mathematics II	3	0	3.0
CTE690	Seminar	0	2	1.3

## **Third Semester**

CTE699	Master's Thesis			6.0
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## **Fourth Semester**

CTE699	Master's Thesis			6.0
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## **ELECTIVE COURSES [FOR ALL OPTIONS – a student to take a minimum of six credits]**

### **First Semester**

CTE631	Curriculum Development, Teaching and Learning for Sustainable Development	3	0	3.0
CTE633	Language and Communication	3	0	3.0

### **Second Semester**

CTE632	Classroom Ecology and Observation	3	0	3.0
CTE634	Educational Assessment: Principles and Practice	3	0	3.0
CTE636	The Gender-sensitive Curriculum	3	0	3.0

## **OPTION D: BUSINESS EDUCATION SPECIALIZATION**

### **First Semester**

#### **Core courses**

CTE601	Curriculum Theory	3	0	3.0
CTE603	Research on Teaching	3	0	3.0
EFM601	Quantitative Methods of Research	3	2	4.3

CTE617	Advanced Curriculum Studies: Business Education I	3	0	3.0
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### **Second Semester**

#### **Core courses**

CTE602	Curriculum Development	3	0	3.0
EFM602	Qualitative Methods of Research	3	2	4.3
CTE618	Advanced Curriculum Studies: Business Education II	3	0	3.0
CTE690	Seminar	0	2	1.3

### **Third Semester**

CTE699	Master's Thesis			6.0
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### **Fourth Semester**

CTE699	Master's Thesis			6.0
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### **ELECTIVE COURSES [FOR ALL OPTIONS – a student to take a minimum of six credits]**

#### **First Semester**

CTE631	Curriculum Development, Teaching and Learning for Sustainable Development	3	0	3.0
CTE633	Language and Communication	3	0	3.0

#### **Second Semester**

CTE632	Classroom Ecology and observation	3	0	3.0
CTE634	Educational Assessment: Principles and Practice	3	0	3.0
CTE636	The Gender-sensitive Curriculum	3	0	3.0

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## **Master of Education in Educational Foundations and Management**

### **Preamble**

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes,, the following special regulations shall apply.

### **Entrance Requirements**

The minimum entry requirement for the Master of Education in Educational Foundations and Management shall be a Bachelor of Education degree or a Bachelor's degree with Education as a major subject, a Bachelor's degree and a Post-graduate Certificate in Education, a Bachelor's degree and a Post-graduate Diploma in Education from UNESWA or any other recognized institution.

### ***OPTION A: EDUCATIONAL ADMINISTRATION***

<b>First Semester</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</b>			
EFM601 Quantitative Methods of Research	3	2	4.3
EFM603 The Beginnings of Administrative Thought	3	0	3.0
EFM605 Planning Theory and Practice in Education	3	0	3.0

### **Second Semester**

<b>Core courses</b>			
EFM602 Qualitative Methods of Research	3	2	4.3
EFM604 Contemporary Approaches to Administration	3	0	3.0
EFM606 Management Theory and Practice in Education	3	0	3.0
EFM690 Seminar	0	2	1.3

### **Third Semester**

EFM699 Master's Thesis			6.0
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### **Fourth Semester**

EFM699 Master's Thesis			6.0
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### ***OPTION B: GUIDANCE AND COUNSELLING***

#### **First Semester**

##### **Core courses**

EFM601 Quantitative Methods of Research	3	2	4.3
EFM607 Fundamentals of Guidance and Counselling	3	1	4.3
EFM609 Conventional Counselling Theories and Indigenous Helping Approaches	3	0	3.0

## **Second Semester**

### **Core courses**

EFM602 Qualitative Methods of Research	3	2	4.3
EFM608 Group Process and Dynamics in Guidance and Counselling	3	0	3.0
EFM610 Ethical and Legal Issues in Guidance and Counselling	3	0	3.0
EFM612 Appraisal of Individuals in Guidance and Counselling	3	0	3.0
EFM690 Seminar	0	2	1.3

## **Third Semester**

EFM699 Master's Thesis			6.0
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## **Fourth Semester**

EFM699 Master's Thesis			6.0
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## ***OPTION C: PSYCHOLOGY OF EDUCATION***

### **First Semester**

#### **Core courses**

EFM601 Quantitative Methods of Research	3	2	4.3
EFM617 Concepts of Learning	3	0	3.0
EFM619 Physical, Social and Personality Development of the Child	3	0	3.0
EFM621 Tools of Measurement and Evaluation			3.0

## **Second Semester**

### **Core courses**

EFM602 Qualitative Methods of Research	3	2	4.3
EFM618 Theories of Learning	3	0	3.0
EFM620 Cognitive and Moral Development of the Child	3	0	3.0
EFM690 Seminar	0	2	1.3

EFM699 Master's Thesis			6.0
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## **Fourth Semester**

EFM699 Master's Thesis			6.0
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#### ***OPTION D: SOCIOLOGY OF EDUCATION***

##### **First Semester**

###### **Core courses**

EFM601 Quantitative Methods of Research	3	2	4.3
EFM623 Perspectives in Sociology of Education	3	0	3.0
EFM625 Theoretical Perspectives in Sociology of Education	3	0	3.0
EFM627 Contemporary Policy Issues in Education	3	0	3.0

##### **Second Semester**

###### **Core courses**

EFM602 Qualitative Methods of Research	3	2	4.3
EFM624 Education and Society	3	0	3.0
EFM626 Current Themes in Sociology of Education	3	0	3.0
EFM690 Seminar	0	2	1.3

##### **Third Semester**

EFM699 Master's Thesis			6.0
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##### **Fourth Semester**

EFM699 Master's Thesis			6.0
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#### **ELECTIVE COURSES [FOR ALL OPTIONS – a student to take a minimum of six credits]**

##### **First Semester Electives**

EFM631 Multicultural Issues in Guidance and Counselling	3	0	3.0
EFM633 Special Education	3	0	3.0
EFM635 Social Psychology	3	0	3.0
EFM639 Education for Sustainable Development	3	0	3.0

##### **Second Semester Electives**

EFM632 Gender Theory in Education	3	0	3.0
EFM634 Leadership and Change Management in Education	3	0	3.0
EFM636 Understanding Learning Disabilities	3	1	3.7
EFM638 Career Development and Counselling over the life-span	3	0	3.0
EFM640 Programme Development and Delivery	3	0	3.0



**OPTION E: INCLUSIVE EDUCATION (All courses are new in the specialisation)****Semester I**

<b>Core Courses</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
EFM601	Quantitative Methods of Research	3	2	4.3
EFM611	Inclusive Education Philosophy, Theory and Practice	3	2	4.3
EFM613	Inclusive Education, Curriculum, Pedagogy, Teaching and Learning	3	0	3.0
EFM615	Practical School Based Work	0	3	2.0

**Semester II**

<b>Core Courses</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
EFM602	Qualitative Methods of Research	3	2	4.3
EFM616	Inclusive Education Policy	3	0	3.0
EFM628	Systems & Management of Special Educational Needs	3	0	3.0
EFM690	Seminar	0	2	1.3

**Semester III**

EFM699	Master's Thesis			6.0
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**Semester IV**

EFM699	Master's Thesis			6.0
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**ELECTIVE COURSES [FOR ALL OPTIONS – a student to take a minimum of six credits]**

<b>Semester 1 Electives</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
EFM631	Multicultural Issues in Guidance and Counselling	3	0	3.0
EFM639	Barriers to Learning	3	0	3.0
EFM635	Social Psychology	3	0	3.0
EFM637	Education for Sustainable Development	3	0	3.0

**Semester II Electives**

		<b>L</b>	<b>P</b>	<b>Cr</b>
EFM632	Gender Theory in Education	3	0	3.0
EFM634	Leadership and Change Management in Education	3	0	3.0
EFM638	Career Development and Counselling Over the Life-span	3	0	3.0
EFM640	Programme Development & Delivery	3	0	3.0

## Master in Business Administration

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for Master's Programmes, the following special regulations shall apply.

### Entrance Requirements

The minimum entrance requirement for the MBA degree shall be a Bachelor's degree in any area from UNESWA or any other recognized institution.

### *OPTION A: MANAGEMENT SPECIALISATION*

		<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Semester I</b>				
<b>Core Courses</b>				
ACF621	Financial Accounting	2	0	2.0
ACF603	Corporate Finance and Investment	2	0	2.0
ACF607	Managerial Economics	2	0	2.0
BUS603	Organisational Behaviour	2	0	2.0
BUS613	Business Research Methodology	2	0	2.0
BUS690	Seminar in Business	0	3	2.0
<b>Semester II</b>				
<b>Core Courses</b>				
ACF622	Managerial Accounting	2	0	2.0
ACF624	Investment Analysis and Portfolio Management	2	0	2.0
ACF608	International Economics and Trade	2	0	2.0
BUS602	Human Resource Management	2	0	2.0
BUS604	Marketing Management	2	0	2.0
BUS612	Business Qualitative Analysis	2	0	2.0
<b>Semester III</b>				
<b>Core Courses</b>				
BUS611	Business Quantitative Analysis	2	0	2.0
BUS615	Management Information Systems	2	0	2.0
BUS619	Strategic Management	2	0	2.0
<b>Specialisation Courses</b>				
BUS606	Business Ethics	2	0	2.0
BUS631	Change Management	2	0	2.0

BUS655	Advanced Operations Management and Business Simulation Modelling	2	0	2.0
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#### Semester IV

##### Core Courses

BUS699	Master's Thesis			12.0
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##### OR

BUS698	Capstone Project			6.0
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##### Specialisation Courses [CAPSTONE PROJECT]

BUS632	Small Business Management and Entrepreneurship	2	0	2.0
BUS634	E-Commerce and Internet Marketing	2	0	2.0
BUS640	Marketing and Consumer Research	2	0	2.0

#### Notes:

1. A student enrolled for the Capstone Project component will have to take all specialisation course (s) to fulfil the minimum required credits
2. A student enrolled in the Master's Thesis will have to take a minimum of 6 credits of the specialisation courses

#### OPTION B: ACCOUNTING SPECIALISATION

		L	P	Cr
<b>Semester I</b>				
<b>Core Courses</b>				
ACF621	Financial Accounting	2	0	2.0
ACF603	Corporate Finance and Investment	2	0	2.0
ACF607	Managerial Economics	2	0	2.0
BUS603	Organisational Behaviour	2	0	2.0
BUS613	Business Research Methodology	2	0	2.0
BUS690	Seminar in Business	0	3	2.0
<b>Semester II</b>				
<b>Core Courses</b>				
ACF622	Managerial Accounting	2	0	2.0
ACF624	Investment Analysis and Portfolio Management	2	0	2.0
ACF608	International Economics and Trade	2	0	2.0
BUS602	Human Resource Management	2	0	2.0
BUS604	Marketing Management	2	0	2.0
BUS612	Business Qualitative Analysis	2	0	2.0

**Semester III****Core Courses**

BUS613	Business Research Methodology	2	0	2.0
BUS615	Management Information Systems	2	0	2.0
BUS617	Advanced Operations Management	2	0	2.0

**Specialisation Courses**

ACF631	Advanced Corporate Reporting	2	0	2.0
ACF633	International Finance	2	0	2.0
ACF643	Advanced Corporate Finance	2	0	2.0

**Semester IV****Specialisation Courses**

ACF699	Master's Thesis			12.0
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**OR**

ACF698	Capstone Project			6.0
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**Specialisation Courses [CAPSTONE PROJECT]**

ACF632	Advanced Auditing	2	0	2.0
ACF634	Advanced Management Accounting	2	0	2.0
ACF636	Taxes and Business Decisions	2	0	2.0

**Notes:**

3. A student enrolled for the Capstone Project component will have to take all specialisation course (s) to fulfil the minimum required credits
4. A student enrolled in the Master's Thesis will have to take a minimum of 6 credits of the specialisation courses

### Master Science In Midwifery

Subject to the provision of the Academic General Regulations for the Post-graduate programmes; and the Academic General Regulations for Master's degree Programmes, the following Special Regulations shall apply:

- a) A Current registration with the Eswatini Nursing Council as a Registered Nurse-Midwife will be required for admission into the programme.
- b) Students from outside Eswatini must register with the Eswatini Nursing Council as midwives or nurse-midwife before they are admitted into the programme.

### Entrance Requirements

The minimum entrance requirements for the MSc.in midwifery degree shall be:

- (i) a BNSc. with Midwifery from the University of Eswatini or any other recognised institution, or any other equivalent qualification,  
**OR**
- (ii) a BNSc. and a post-diploma certificate in Midwifery from the University of Eswatini, or any other equivalent qualification,  
**OR**
- (iii) a BNSc. and a postgraduate diploma or postgraduate certificate or diploma, or advanced diploma in Midwifery from any recognised institution, or any other equivalent qualification

### Semester 1

Core Courses	L	P	Cr
MWF601 Research Methods	2	0	2.0
MWF603 Advanced Embryology and Neonatal Science	2	1	2.7
MWF605 Midwifery Theories, Frameworks and Models	2	0	2.0
MWF607 Midwifery education I	2	0	2.0
MWF609 Advanced Midwifery Science	3	2	4.3
MWF611 Biostatistics	2	0	2.0

### Elective course

MWF631 Maternal and Child Nutrition	2	0	2.0
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### Semester II

Core Courses	L	P	Cr
MWF602 Advanced Leadership and Management	2	0	2.0
MWF604 Integrated Advanced Midwifery Practicum	0	7	4.9
MWF606 Advanced Community-Based			

	Midwifery	2	0	2.0
MWF608	Midwifery education II	2	2	3.3
MWF690	Seminar	0	2	1.3

<b>Elective Courses</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
MWF632	Health Policy, Planning and Financing	2	0	2.0
MWF634	Bio-ethics	2	0	2.0

<b>Semester III</b>		<b>Core Courses</b>		
MWF699	Master's thesis			6.0

<b>Semester IV</b>		<b>Core Courses</b>		
MWF699	Master's thesis			6.0

## MASTER OF SCIENCE IN TEXTILES

Subject to the Academic General Regulations for Post-Graduate programmes and the Academic General Regulation for Master's degree Programmes, the following Special Regulation shall apply:

### Entrance Requirements

The minimum entrance requirement for an M.Sc. degree in Textiles shall be a B.Sc. degree in Home Economics/ Consumer Science, Home Economics Education/ Consumer Science Education or Textile Apparel Design/ Textiles, Apparel Design and Management, B.Sc. with a Chemistry major or equivalent qualification from UNESWA or any recognised institution.

### OPTION A: TEXTILE SCIENCE AND TECHNOLOGY

<b>Semester I</b>				
<b>Core courses</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
TAD601	Product Development in Textiles	2	2	3.3
TAD603	Textile Quality Management	3	0	3.0
FNS605	Research Methods and Data Analysis	2	2	3.3
TAD605	Textile Finishing and Printing	2	2	3.3

<b>Semester II</b>				
<b>Core courses</b>		<b>L</b>	<b>P</b>	<b>Cr</b>
TAD602	Yarn and Fabric Production Technology	2	2	3.3
CHE614	Electro-Analytical Methods	3	0	3.0
CHE616	Dyeing and Dyestuff Chemistry	3	2	4.3
CHE618	Applied Polymer Chemistry	3	0	3.0
TAD690	Textile Science & Technology Seminar	0	2	1.3

**Semester III****Core Courses**

		<b>L</b>	<b>P</b>	<b>Cr</b>
TAD699	Master's Thesis			6.0

**Semester IV****Core Courses**

TAD699	Master's Thesis			6.0
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**OPTION B: TEXTILE AND APPAREL DESIGN****Semester I****Core courses**

		<b>L</b>	<b>P</b>	<b>Cr</b>
TAD601	Product Development in Textiles	2	2	3.3
TAD603	Textile Quality Management	3	0	3.0
FNS605	Research Methods and Data Analysis	2	2	3.3
TAD605	Textile Finishing and Printing	2	2	3.3

**Semester II****Core courses**

		<b>L</b>	<b>P</b>	<b>Cr</b>
TAD604	Apparel Design and Production Enterprise	2	2	3.3
TAD606	Advanced Computer Integration in Apparel Enterprise	3	2	4.3
TAD608	Textile and Apparel Merchandising	3	0	3.0
TAD610	Testing and Evaluation of Textiles and Apparel	2	2	3.3
TAD690	Textile & Apparel Design Seminar	0	2	1.3

**Semester III****Core course**

TAD699	Master's Thesis			6.0
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**Semester IV****Core course**

TAD699	Master's Thesis			6.0
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**Elective Courses****Semester I**

		<b>L</b>	<b>P</b>	<b>Cr</b>
CHE635	Analytical Chemistry I	2	3	4.0
CHE637	Biochemistry	3	2	4.3
TAD631	Product Development			

	in Apparel	2	2	3.3
TAD633	Technical Textiles	3	0	3.0

#### Semester II

CHE638	Analytical Chemistry II	2	3	4.0
TAD634	Advanced Textile Science	3	0	3.0

## Schedule of fees 2021 / 2022

(Under Review for 2022 / 2023)

	<b>Local/SADC Students</b>	<b>Non SADC Students</b>
	<i>Emalangeneni</i>	<i>Emalangeneni</i>
<b>CREDIT SYSTEM FEES</b>	<i>per Credit</i>	<i>per Credit</i>
<b><u>Undergraduate Full Time</u></b>		
Non-Science Undergraduate Degrees	<b>549</b>	<b>1 098</b>
Non-Science Post Graduate Certificates	<b>549</b>	<b>1 098</b>
Science Under Graduate Degrees	<b>596</b>	<b>1 192</b>
Science Post Diploma Certificates	<b>596</b>	<b>1 192</b>
<b><u>Post Graduate (Full Time &amp; Part Time)</u></b>		
Master of Science	<b>1 084</b>	<b>2 168</b>
Masters Other Disciplines	<b>834</b>	<b>1 668</b>
Master of Nursing Science	<b>929</b>	<b>1 858</b>
Master of Business Administration	<b>2 521</b>	<b>5 042</b>
PhD in Sciences	<b>1 309</b>	<b>2 618</b>
PhD Other Disciplines	<b>1 005</b>	<b>2 010</b>
<b><u>IDE/Part Time Fees</u></b>		
Undergraduate Science Degrees	<b>453</b>	<b>906</b>
Undergraduate Non-Science Degree	<b>417</b>	<b>834</b>
Post Graduate Non-Science Certificate	<b>417</b>	<b>834</b>
Undergraduate Non-Science Diploma	<b>417</b>	<b>834</b>
Under Graduate Non-Science Certificate	<b>233</b>	<b>466</b>
<b>NON-CREDIT SYSTEM FEES</b>		
<b><u>Undergraduate Full Time</u></b>		
Non-Science Undergraduate Degrees and		



Non-Science Post Graduate Certificates	<b>19 778</b>	<b>39 556</b>
Per Full Course	<b>4 080</b>	<b>8 160</b>
Per Half Course	<b>2 040</b>	<b>4 080</b>
Science Under Graduate Degrees and Post		
Diploma Certificate in Sciences	<b>21 460</b>	<b>42 920</b>
Per Full Course	<b>4 136</b>	<b>8 272</b>
Per Half Course	<b>2 164</b>	<b>4 328</b>
<b><u>IDE Part Time</u></b>		
Undergraduate Non-Science Degrees and		
Non-Science Post Graduate Certificates	<b>15 004</b>	<b>30 008</b>
Non-Science Undergraduate Diploma	<b>15 004</b>	<b>30 008</b>
Per Course	<b>1 500</b>	<b>3 000</b>
Non-Science Certificates	<b>4 191</b>	<b>8 382</b>
Per Half Course	<b>688</b>	<b>1 376</b>
Per Full Course	<b>1 376</b>	<b>2 752</b>
<b>OTHER FEES</b>		
SRC Fee <i>(only for full time undergraduate students)</i>	<b>150</b>	<b>150</b>
<b>SUPPLEMENTARY/RE-SIT FEES</b>		
Per course	<b>300</b>	<b>300</b>
Application Fees	<b>530</b>	<b>580</b>
Acceptance Fees	<b>500</b>	<b>500</b>
Annual Residence Fees	<b>3, 900.00 to</b>	<b>3, 900.00 to</b>
	<b>5, 200.00</b>	<b>5, 200.00</b>

A student is charged based on the number of credits he/she registered for. The table below shows the amount we charge per credit. A Full-time student can register for a maximum of 24 credits and a minimum of 12 credits per semester and a Part-time student can register for a maximum of 12 credits per semester.

**DIRECT ALL PAYMENTS TO :**  
**First National Bank of Swaziland Limited**  
**Matsapha Branch**  
**University of Eswatini**  
**Account Number: 61773000933**

**Branch Code: 281-064**

**STRICTLY REFERENCE ALL PAYMENTS USING UNESWA STUDENT IDENTITY NUMBER**

**Swift Code: FIRNSZMX**

**Contact: 25170161/25170856/25170149/25170150**

**Wrongly referenced payments will not be updated to students' accounts**  
**Payments from other local Banks should be paid 3 days before registration.**

**Currency: Swazi Lilangeni (SZL)**



UNIVERSITY  
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