

**THE UNIVERSITY OF SWAZILAND**

**POST GRADUATE  
PROSPECTUS**

*With information for 2017 entry*

**Admissions Office  
University of Swaziland  
December 2016**

Thank you for your enquiry about the University of Swaziland.  
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.

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**Please address correspondence to:**

**The Registrar  
Attention: Admissions Office  
University of Swaziland  
P/Bag 4  
KWALUSENI**

## **BACKGROUND INFORMATION**

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### **Historical Note**

The University of Swaziland developed from the University of Botswana, Lesotho and Swaziland (UBLS), formerly known as the University of Basutoland, Bechuanaland and Swaziland (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 Swaziland achieved its independent status as a fully-fledged university in 1982.

Since achieving university status UNISWA 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 17 298 degrees have been conferred, 820 of them at the 2016 Graduation. Since 1997, 362 masters degrees have been conferred, 41 of them in 2016.

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 UNISWA 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 Swaziland 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 degrees in the various departments as follows:

- MBA offered by the Department of Business Administration
- 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. (Crop Science) offered by the Department of Crop Production
- M. Sc. (Consumer Science Ed.) offered by the Department of Consumer Science Education & Community Development
- M. Sc. (Conservation Ecology) offered by the Department of Biological Sciences
- M. Sc. (Environmental Resource Management) areas of specialization are:
  - Biodiversity Conservation and Management – Biological Sciences Dept
  - Land and Water Resource Management – GEP Department
  - Livestock and Environment – Animal Science Department
  - Environmental Chemistry and Management – Chemistry Department
  - Environmental Crop Production – Crop Production Department
  - Agricultural & Biosystems Engineering – ABE Department
- M.Sc. (Food Science & Technology) offered by the Department of Food & Nutrition Sciences
- M. Sc. (Horticulture) offered by the Department of Horticulture
- 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.A. (History) offered by the Department of History
- M. Ed. (Adult Education) offered by the Department of Adult Education
- M.NSc. (FNP) offered by the Department of Nursing Science.

The Masters programmes are by course work and thesis and can be pursued either on a full-time or part-time basis. The maximum duration for the full-time study is three academic years with the first year devoted to taught courses and the second year to research and thesis writing. For part-time the maximum duration is four years, two years of which is used for the taught courses and the third year for research and thesis writing.

The University also offers two Ph.Ds; a Ph.D. in Agricultural Education and another in Agricultural and Applied Economics. The Ph.D. programmes are also by course work and dissertation and can be pursued either on a full-time or part-time basis. The maximum duration for the full-time study is five years and seven years for the 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. The specific requirements are stipulated in the Special Departmental Regulations. Applications for admission to a Master's 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 **1<sup>st</sup> March 2017**.

***Registration***

Postgraduate 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**

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### *DURATION OF STUDY*

The maximum duration of the study for the Master's degree programme shall be three years for a full-time student and four years for a part-time student. Failure to complete the programme of study in the maximum allowable time shall lead to discontinuation 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 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 Swaziland student.
- A part-time Master's degree student must register for at least six credits in any semester in order to qualify as a University of Swaziland 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	24-27
Elective courses	6-9
<b>Sub-total for courses</b>	<b>30-36</b>
Thesis	12
<b>Total for Master's Degree</b>	<b>42-48</b>

In addition to the definition of a student as indicated in the University of Swaziland 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 6 to 11 credits; and also a minimum of six 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 Swaziland.

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.

## **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 Swaziland. 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.



# 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 programme shall be a Bachelor's degree in Agricultural Education, or any recognised university degree equivalent, with at least a second class second division, from UNISWA, or any other recognized university equivalent, with a minimum average of a C grade (60%) in Agricultural Education courses.

### **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 programme shall be a Bachelor's degree in Agricultural Extension or a Bachelor's degree in Agriculture or any recognised University equivalent, with at least a second class second division, from UNISWA, or any other recognized university equivalent, with a minimum average of a C grade (60%) in Agricultural Extension courses.

### First Semester

#### Core Courses

	<b>L</b>	<b>P</b>	<b>Cr</b>
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

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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# 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 UNISWA or any other recognised institution with at least a second class, second division pass [2(ii)] and a C grade (60%) in Economics or Agricultural Economics courses.

### A. AGRIBUSINESS MANAGEMENT OPTION

#### First Semester

##### Core courses

	L	P	Cr
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

##### Core courses

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
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**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

# DEPARTMENT OF ANIMAL SCIENCE

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## 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, B. Sc. degree in Animal Science (Dairy Science Option), B. Sc. degree in Agriculture (Animal Production and Health option), B.Sc. degree in Agriculture or an equivalent B.Sc. degree from a recognised institution with at least a second class pass (second division) or equivalent and with a minimum average of a C grade (60%) in Animal Science courses. 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

## DEPARTMENT OF CONSUMER SCIENCES

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### 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 or Consumer Science Education of the University of Swaziland or any other recognised University with at least a second class (second division) pass or equivalent, with at least a C grade (60%) or its equivalent in Consumer Sciences Education/Home Economics Education courses.

<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
 <b>Semester IV</b>			
CSE699 Master's Thesis			6.0

# DEPARTMENT OF CHEMISTRY

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## 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 B.Sc. degree, from UNISWA or any other recognized institution, with at least a second class second division pass of either a single major B.Sc. programme or a combined major B.Sc. programme with a minimum average of a C grade (60%) in Chemistry in either case.

### NATURAL PRODUCTS AND MEDICINAL CHEMISTRY OPTION

#### First Semester

##### Core courses

	L	P	Cr
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

**Third Semester**

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

CHE699 Master's Thesis	6.0
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# DEPARTMENT OF CROP PRODUCTION

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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 UNISWA or any other recognized institution with at least a second class second division pass and at least an average of a C grade (60%) in Crop Production or in Horticulture courses.

### First Semester

#### Core courses

	L	P	Cr
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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# DEPARTMENT OF BIOLOGICAL SCIENCES

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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 UNISWA or any other recognized institution, with at least a Second Class (Second Division) of either a single subject major degree programme or a combined subject major degree programme. In addition, a minimum average mark of a C grade (60%) in the option of interest is required.

### 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
<b>Third Semester</b>			
BIO699 Master's Thesis			6.0
<b>Fourth Semester</b>			
BIO699 Master's Thesis			6.0

## 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
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#### Fourth Semester

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

CHE699 Master's Thesis			6.0
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## 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

## 2. 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 UNISWA or any other recognized institution with at least a second class (second division) pass and a minimum average mark of a C grade (60%) in Biology.

<b>First Semester</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<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
<b>Electives courses</b>			
BIO611 Systematic and Phylogeography	3	0	3.0
BIO613 Mammalian Conservation	3	0	3.0
<b>Second Semester</b>			
<b>Core courses</b>			
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
<b>Electives courses</b>			
BIO612 Predictive Niche Modelling	3	0	3.0
BIO614 Integrated Pest Management	3	0	3.0
BIO616 Invertebrate Ecology	3	0	3.0
<b>Third Semester</b>			
BIO699 Master's Thesis			6.0
<b>Fourth Semester</b>			
BIO699 Master's Thesis			6.0

## DEPARTMENT OF HORTICULTURE

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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 a B.Sc. in Horticulture or B.Sc. in Agriculture (Horticulture Option) from UNISWA or any other recognized institution with at least a second class second division pass and at least an average of C grade (60%) in Horticulture courses, or any other equivalent qualification.

	L	P	Cr
<b>First Semester</b>			
<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
<b>Third Semester</b>			
HRT699 Master's Thesis			6.0
<b>Fourth Semester</b>			
HRT699 Master's Thesis			6.0



## DEPARTMENT OF GENERAL NURSING

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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 Swaziland or any other recognized institution, with at least a second-class, second division pass (2ii) and at least a C grade (60%) in Medical Surgical Nursing or Community Health Nursing or any other recognized equivalent qualification.

#### Semester I

##### Core Courses

		<b>L</b>	<b>P</b>	<b>Cr</b>
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

## DEPARTMENT OF HISTORY

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### 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 UNISWA or any other recognized institution with at least second class second division with a minimum average mark of a C grade (60%) in History.

<b>First Semester</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</b>			
HIS610 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
<b>Third Semester</b>			
HIS699 Master's Thesis			6.0
<b>Fourth Semester</b>			
HIS699 Master's Thesis			6.0

# DEPARTMENT OF ADULT EDUCATION

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## 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 UNISWA or any other recognised institution with at least a Second Class, Second Division pass (2 (ii)) and with a C grade (60%) in Adult Education or adult & Continuing Education courses.

	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>First Semester</b>			
<b>Core Courses</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
<b>Electives</b>			
AED631 Counselling & Guidance in Adult Education	3	0	3.0
AED633 Community Development & Literacy	3	0	3.0
<b>Second Semester</b>			
<b>Core courses</b>			
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
<b>Electives</b>			
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
<b>Third Semester</b>			
AED699 Master's Thesis			6.0
<b>Fourth Semester</b>			
AED699 Master's Thesis			6.0

## DEPARTMENT OF PRIMARY EDUCATION

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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 UNISWA or any other recognised institution with at least a second class (second division) (2 (ii)) pass and a minimum average mark of a C grade (60%) in Language Arts Education or Science Education courses.

#### *OPTION A: EDUCATIONAL ADMINISTRATION*

<b>First Semester</b>	<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>	<b>L</b>	<b>P</b>	<b>Cr</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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**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

## DEPARTMENT OF CURRICULUM AND TEACHING

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### 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 UNISWA or any other recognized institution, with at least a second class second division pass, and a minimum average mark of a C grade (60%) in Education courses.

#### *OPTION A: LANGUAGES EDUCATION SPECIALIZATION*

##### First Semester

##### Core courses

	L	P	Cr
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 Curriculum Studies: African Languages I	3	0	3.0

##### OR

CTE607 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 Curriculum Studies: African Languages II	3	0	3.0
<b>OR</b>			
EDC635 Curriculum Studies: English II	3	0	3.0
CTE690 Seminar	0	2	1.3

##### Third Semester

CTE699 Master's Thesis 6.0

##### Fourth Semester

CTE699 Master's Thesis 6.0

#### *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 Curriculum Studies: History I  
**OR**  
 CTE613 Curriculum Studies: Geography I

**Second Semester**

**Core courses**

CTE602 Curriculum Development	3	0	3.0
EFM602 Qualitative Methods of Research	3	2	4.3
CTE610 Curriculum Studies: Religious Education II	3	0	3.0
<b>OR</b>			
CTE612 Curriculum Studies: History II	3	0	3.0
<b>OR</b>			
CTE614 Curriculum Studies: Geography II	3	0	3.0
CTE690 Seminar	0	2	1.3

**Third Semester**

CTE699 Master's Thesis 6.0

**Fourth Semester**

CTE699 Master's Thesis 6.0

**OPTION C: SCIENCE/ MATHEMATICS 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
CTE615 Curriculum Studies: Chemistry 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 Curriculum Studies: Chemistry II	3	0	3.0
CTE690 Seminar	0	2	1.3

**Third Semester**

CTE699 Master's Thesis 6.0

**Fourth Semester**

CTE699 Master's Thesis 6.0



**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

# DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

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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 UNISWA or any other recognized institution, with at least a second class second division pass, and a minimum average mark of a C grade (60%) in Education courses.

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

#### **First Semester**

##### **Core courses**

	L	P	Cr
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**

##### **Core courses**

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

**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 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

## DEPARTMENT OF BUSINESS ADMINISTRATION

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### 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 first degree from a recognised institution, with at least a second class (second division) pass mark or equivalent.

#### *OPTION A: MANAGEMENT SPECIALISATION*

	<b>L</b>	<b>P</b>	<b>Cr</b>	
<b>Semester I</b>				
<b>Core Courses</b>				
ACF601	Managerial Accounting	2	0	2.0
ACF603	Corporate Finance and Investment	2	0	2.0
ACF605	International Economics and Trade	2	0	2.0
BUS603	Organisational Behaviour	2	0	2.0
BUS611	Business Quantitative Analysis	2	0	2.0
BUS690	Seminar in Business	0	3	2.0
<b>Semester II</b>				
<b>Core Courses</b>				
ACF602	Financial Accounting	2	0	2.0
ACF604	Quantitative Investment Analysis and Portfolio Management	2	0	2.0
ACF606	Managerial Economics	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>				
BUS613	Business Research Methodology	2	0	2.0
BUS615	Management Information Systems	2	0	2.0
BUS617	Advanced Operations Management	2	0	2.0
<b>Specialisation Courses</b>				
BUS606	Business Ethics	2	0	2.0
BUS631	Change Management	2	0	2.0
BUS655	Business Simulation Modelling	2	0	2.0

**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**

		<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Semester I</b>				
<b>Core Courses</b>				
ACF601	Managerial Accounting	2	0	2.0
ACF603	Corporate Finance and Investment	2	0	2.0
ACF605	International Economics and Trade	2	0	2.0
BUS603	Organisational Behaviour	2	0	2.0
BUS611	Business Quantitative Analysis	2	0	2.0
BUS690	Seminar in Business	0	3	2.0
<b>Semester II</b>				
<b>Core Courses</b>				
ACF602	Financial Accounting	2	0	2.0
ACF604	Quantitative Investment Analysis and Portfolio Management	2	0	2.0
ACF606	Managerial Economics	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>				
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 Financial Reporting and Corporate Valuation	2	0	2.0
ACF633	International Accounting and Finance	2	0	2.0
ACF643	Mergers and Acquisitions	2	0	2.0

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

ACF699 Master's Thesis 12.0

**OR**

ACF698 Capstone Project 6.0

**Specialisation Courses [CAPSTONE PROJECT]**

ACF632 IT Auditing and Forensic Accounting 2 0 2.0

ACF634 Advanced Cost and 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*

# DEPARTMENT OF AGRICULTURAL EDUCATION

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## DOCTOR OF PHILOSOPHY IN AGRICULTURAL EDUCATION

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for PhD degree, the following Special Regulations shall apply.

### Entrance Requirements

The normal requirement for entry into the PhD degree in Agricultural Education shall be a Master's degree in Agricultural Education or a Master's degree in Agricultural Extension from the UNISWA or its equivalent from any other recognized university.

### First Semester

#### Core courses

	<b>L</b>	<b>P</b>	<b>Cr</b>
AEE701 Research Designs, Instruments and Data Analysis	3	0	3.0
AEE702 Scholarship, Communication and Publication	3	0	3.0
AEE704 Proposal Writing for Agricultural Grantsmanship	3	0	3.0
AEE705 Governance, Organizational Management & Strategies in Agriculture	3	0	3.0
AEE710 Philosophical Foundations of Agricultural Education	3	0	3.0
AEE799 Dissertation			

### Second Semester

#### Core courses

AEE703 Application of Multivariate Analysis to Agricultural Education	3	0	3.0
AEE706 Special Topics	3	0	3.0
AEE790 Seminar	0	3	2.0
AEE799 Dissertation			

#### Elective Courses

AEE708 Monitoring and Evaluation of Agricultural Programmes	3	0	3.0
AEE709 Information and Communication Technology in Agriculture	3	0	3.0
AEE711 Perspectives in the Sociology of Education	3	0	3.0
AEE712 Innovation and Technology Adoption	3	0	3.0
AEE713 Teaching Agriculture in Higher Education	3	0	3.0
AEE714 Philosophy, History and Policies in Agricultural Extension	3	0	3.0



# DEPARTMENT OF AGRICULTURAL ECONOMICS AND MANAGEMENT

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## DOCTOR OF PHILOSOPHY IN AGRICULTURAL AND APPLIED ECONOMICS

### Preamble

Subject to the Academic General Regulations for Post-Graduate programmes, and the Academic General Regulations for PhD degree, the following Special Regulations shall apply.

### Entrance Requirements

The normal requirement for entry into the PhD degree in Agricultural and Applied Economics shall be a Master's degree in Agricultural and Applied Economics from the UNISWA or its equivalent from any other recognized university.

<b>Semester I</b>	<b>L</b>	<b>P</b>	<b>Cr</b>
<b>Core courses</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
Elective	3	0	3.0
 <b>Semester II</b>			
<b>Core courses</b>			
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
AEM792 Seminar	0	3	2.0
Elective	3	0	3.0
 <b>Semester III</b>			
<b>Core courses</b>			
<i>Agribusiness Management Specialisation</i>			
AEM707 Agribusiness Management	3	0	3.0
 <i>Agricultural Policy and Trade Specialisation</i>			
AEM709 Agricultural Policy Analysis	3	0	3.0
 <i>Agriculture and Rural Development Specialisation</i>			
AEM711 Agricultural and Rural Development	3	0	3.0
 <i>Environment and Natural Resource Economics Specialisation</i>			
AEM713 Environmental and Natural Resource Management	3	0	3.0
Plus three Electives			9.0
 <b>Semester IV</b>			
AEM780 Comprehensive Examination			
 <b>Semester V - VIII</b>			
AEM799 Dissertation			30.0

**List of Electives****Semester I**

AEM715 Project Planning and Management	3	0	3.0
AEM717 Farming Systems and Sustainable Livelihood	3	0	3.0

**Semester II**

AEM708 Agricultural Finance and Risk Management	3	0	3.0
AEM710 Agricultural Marketing and Price Analysis	3	0	3.0

**Semester III****Core courses**

AEM719 International Trade Policy	3	0	3.0
AEM721 Agribusiness Supply Chain Management	3	0	3.0
AEM723 Natural Resource Economics and Management	3	0	3.0
AEM725 Environmental Valuation and Applications	3	0	3.0
AEM727 Farm Management and Production	3	0	3.0
AEM729 Environmental Economics and Policy	3	0	3.0
AEM731 Quantitative Agricultural Policy Analysis	3	0	3.0

**SCHEDULE OF FEES – 2017/2018**

<b>1.</b>	<b>TUITION FEES POSTGRADUATE (MASTERS) -FULL TIME</b>	
	i) <b>Citizens of Swaziland &amp; SADC</b>	
	Sciences	34,050
	Thesis Revision only	6,740
	Other Discipline	25,540
	Thesis Revision only	5,130
	ii) <b>Non Citizens of Swaziland &amp; SADC</b>	
	Sciences	84,170
	Thesis Revision only	16,890
	Other Discipline	78,590
	Thesis Revision only	14,860
<b>2.</b>	<b>POST GRADUATE TUITION FEES (MASTERS) – PART TIME</b>	
	i) <b>Citizens of Swaziland &amp; SADC</b>	
	Per Year: Science	17,740
	Other Discipline	13,640
	Thesis Revision only	6,740
	ii) <b>Non Citizens of Swaziland &amp; SADC</b>	
	Per Year: Science	41,560
	Other Discipline	38,880
	Thesis Revision only	16,880
<b>3.</b>	<b>POST GRADUATE TUITION FEES (MBA)</b>	55,000
<b>4.</b>	<b>POST GRADUATE TUITION FEES (PHD) – PART TIME</b>	
	i) <b>Citizens of Swaziland &amp; SADC</b>	
	Per Year: Science	16,880
	Other Discipline	12,790
	Thesis Revision only	6,320
	ii) <b>Non Citizens of Swaziland &amp; SADC</b>	
	Per Year: Science	39,040
	Other Discipline	36,500
	Thesis Revision only	15,860
<b>5.</b>	<b>OTHER FEES</b>	
	Applications	
	Citizens of Swaziland	350
	Others	390
	Acceptance	390
	Transcripts (first copy free)	180
<b>6.</b>	<b>BOOK ALLOWANCES</b>	
	Science & Agriculture	11,200
	Other Discipline	8,760

**PAYMENTS TO BE DIRECTED TO**

First National Bank

Student Fees Account

Account number: 57730018902

Branch Code: 281-064

Enquiries: 2517 0397 or 2517 0411, Student Finances