

**Uganda Martyrs University**

Making a difference



# **FACULTY OF AGRICULTURE**

**Students' Handbook**

**2017-2018**

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## **PREAMBLE**

Dear Students,

The Faculty of Agriculture and the entire Uganda Martyrs University (UMU) welcomes you warmly. Whereas Uganda Martyrs University offers a multiplicity of programs housed under various faculties, peculiar programs are offered in the faculty of agriculture. This companion book details therefore names programs at the Diploma, Bachelors, Masters and PhD levels of study. Besides, issues relevant to your stay, course of study at the faculty, are herein highlighted. I therefore call upon you to read this handbook carefully and make good use of it.

We wish you all the best in your academic struggles

A handwritten signature in blue ink, appearing to read 'Ssekandi'.

Ssekandi Joseph

**Dean, Faculty of Agriculture**

# **HISTORY OF UGANDA MARTYRS UNIVERSITY**

The proposal to start a private university in Uganda dates back to the early 1940's. Several religious groups such as brothers of Christian instruction wanted to establish a University at Kisubi as early as possible to absorb the students that they had trained since 1926. At the same time Archbishop Joseph Kiwanuka conceived the idea to start a catholic university in Uganda in the 1940's, however, like the case was for brothers, circumstances did not allow establishing a catholic University in Uganda at that time. The proposal was, however, renewed in the mid 1980's, and was endorsed by the Uganda Episcopal Conference in 1989. The University was officially launched in 1993 by His Excellency Yoweri Kaguta Museveni President of the Republic of Uganda. It received its civil Charter on 25<sup>th</sup> April, 2005.

Uganda Martyrs University (UMU) is a faith-based private University owned by the Episcopal Conference of the Catholic Bishops of Uganda. UMU started with two faculties, 84 students and 7 staff members. UMU now has a total enrolment of over 5,000 students following different programmes which include full time, part time and distance learning programmes and over 300 staff members. UMU'S Main Campus is located at Nkozi in Mpigi district, about 82kms from Kampala and 3kms off the Kampala-Masaka highway. It is situated along the Equator with Environmentally friendly Campus ideal for study, learning and reflection and a beautiful view of Lake Victoria.

## **Vision**

UMU's Vision is to be a student-centred, comprehensive and research intensive University that is uniquely Ugandan in character, a University that is imbued with Christian values, an institution that is of national and international acclaim, and an institution that is responsive to the needs of the Church and the people of Uganda.

## **Mission**

To develop an integral person by providing high quality education within a conducive environment, in order to produce professionals of varying academic competencies with critical and creative abilities, who will contribute positively to the nation and the world at large, while observing the value of service and respect.

## **Objectives of the University**

1. To provide high quality education that will prepare students for their future occupations and service.
2. To cultivate and promote its chosen disciplines and specializations within the context of the knowledge of Christian principles by regularly revising its academic and outreach programs.

3. To encourage the development of individuals of democratic character, virtue, intellect, creativity, self-criticism, wisdom, skill, integrity, acumen, leadership, entrepreneurship and self-reliance. Our graduates are encouraged to foster the social, economic, spiritual and moral development both of the individual and of society.
4. To facilitate the pursuit and dissemination of knowledge and research for the betterment of life in Uganda in particular, and for all humankind in general in a way that will contribute to the promotion of our cultural heritage and environment.
5. To promote service outreach to the community, especially the vulnerable, poor and marginalized.

# **UNIVERSITY ADMINISTRATION**

## **Vice-Chancellor**

Professor. Chrysostom Maviiri (PhD)

*Dip. Phil. (Alokolum); Dip. Theo. (Ggaba); Lic. Theo. (Urban); STD (Urban)*

## **Deputy Vice Chancellor, Finance and Administration**

Mr. Kibrai Moses

*DBS (NCBS), B.Com (MUK), MA. Acc. & Fin. (MUK)*

## **Deputy Vice Chancellor, Academic Affairs**

Assoc. Prof. Micheal Mawa

*B.Eds (UMU); MAED (CUEA); PhD (Potential University)*

## **Registrar**

### **Dr. Fr. Christopher B. Mukidi**

*Dip. Phil (Katigondo), Dip. Theo (Mak), B.A. Theo (Urbaniana), M. Ed (Unv. Portland, OR), PhD (Duquesne University, USA)*

## **Chief Finance Officer**

### **Sr Florence Amoding**

*B. BAM (UMU), MBA (UMU); PGDETLHE (UMU)*

## **Director of Human Resources**

Suzanne Apayi M. Omoding

*DPA (Pitman UK); BASS (MAK); MBA (MAK)*

## **Dean of Students**

### **Sr. Cecilia Mary Draru**

*Dip. Educ. (ITEK), Dip. EPM (KYU), BA Educ (KYU), MA (UMU) PhD candidate*

# FACULTY OF AGRICULTURE

## Background

In line with national objectives and those of Uganda Martyrs University, the Faculty of Agriculture has the obligation to offer quality and relevant education to national and international students. It is committed to making a difference in contributing to national development. Currently, Uganda is lacking Agricultural programs that offer hands-on training to meet practical skills demanded by the community. Although Uganda has about ten agricultural institutions that are passing out graduates, the graduate profiles are deficient of sufficient hands-on skills. This may be one of the reasons why previous national development programs largely stalled. Vocational schools that have hands-on training offer diploma/certificate yet the current job market needs a degree as a most appropriate requirement.

Needs assessment carried out, job market analyses done to identify the most feasible and cost-effective way to teach agriculture in a private institution as well as extensive consultations among stakeholders gave rise to a modular Bachelor of Science in Agriculture program by distance learning, a field based learning program where students occasionally come to the university to present their study findings. This course had its first intake in 2003 with a total registration of 132 students. The program has been running successfully for the last 18 years and has passed out graduates since 2007 to date.

Using a similar approach as that described above, and with high stakeholder demand, a market-oriented program, Bachelor of Science in Organic Agriculture was started in 2005. It is still running successfully. Besides, the faculty affiliates other institutions to which it awards diplomas and certificates.

The Faculty of agriculture has since embarked on developing other unique courses to provide vertical academic continuity of the graduates of earlier programs and of other institutions. Peculiar courses developed include **Bachelor of Agriculture** developed in 2013 to train farming graduates rather those with theoretical knowledge. **Master of Science in Agro-ecology** launched in 2010 to train graduates of agricultural sciences into understanding the environmental dynamics within which agricultural production is carried out. The **Master of Science in Monitoring and Evaluation** was launched in 2015 with a purpose of training professionals in monitoring multi-sectoral programs on the globe. The most recent development is the launch of the **PhD program for Agro ecology and Food systems and Bachelor of Science of Agricultural Economics and Agribusiness Management (Full time)**. The faculty is committed to developing other dynamic programs to meet customer satisfaction and the needs of the country.

The faculty of Agriculture at Uganda Martyrs University is keen to further contribute to the agricultural sector's development by offering agricultural training relevant to national goals and objectives, while also meeting its own set mission and stakeholder's needs. The faculty admits students from any level above A-Level or its equivalent for any course appropriately applied for,

regardless of gender, age, and religion plus political orientation, as long as the applicant qualifies to meet the minimum requirements.

### **Faculty Vision**

The Faculty of Agriculture is to holistically build a critical mass of quality professional agriculturists with sustainable resource management hands-on skills, in order to meet the University's goal of creating an environment where intellectual and moral values are a priority, while contributing to the national goal of modernizing agriculture as a means of achieving food security, alleviating poverty and diversifying foreign exchange earnings through short and long term, demand driven curricula, as well as farmer needs oriented research and outreach programs.

### **Mission**

To produce a graduate with capacity to create jobs, and with all round knowledge of agriculture that translates into real physical and financial outputs.

### **Objectives**

The Faculty of Agriculture has to pursue the following objectives in order to achieve its mission and work towards realisation of its Vision;-

1. To provide high quality education, designed to meet the dynamic demands of the agriculture sector.
2. To execute research and disseminate appropriate knowledge and skills for modernization and improved productivity and profitability of agriculture.
3. To collaborate with advanced knowledge institutions, universities, International Agricultural Research and Development Centres (IARCs) Non-Governmental Organizations (NGOs, Community Based Organizations (CBOs networks and individual enterprises with a stake in developing sustainable agriculture.
4. To ensure sustainability of Faculty programmes and design winning curricular that lead to successful trainees.



## **FACULTY OF AGRICULTURE STAFF**

### **Dean**

#### **Mr. Joseph SSEKANDI**

*B.EDS (UMU) MSc. Environment and Development (University of Reading); Pg. Dip Teaching and Learning (UMU); PhD Candidate, Dry land Resources Management (University of Nairobi)*

### **Associate Dean**

#### **Mr. Joseph MASEREKA**

*Dip. Educ. Agric (ITEK); BSc. Agric; MSc Agro Ecology (Uganda Martyrs)*

#### **Assoc. Prof. Julius MWINE- PI -ACALISE**

*BSc. (Mak); MSc. (Mak) PhD in pest management (Ghent University)*

#### **Dr. John Byalebeka**

*BSc. Agric. (MUK), M.Sc. Soil Science (University of Nairobi), PhD (NC State University)*

#### **Mr. Joseph SSEKANDI**

*B.EDS (UMU) MSc. Environment and Development (University of Reading); Pg. Dip Teaching and Learning (UMU); PhD Candidate, Dry land Resources Management (University of Nairobi)*

#### **Mr. Daniel KIZZA**

*Msc. Animal Husbandry (Wageningen University); B.Sc. Livestock Production (CAH Dronten) Int Dip. Poultry Husbandry and Animal Nutrition (Barneveld)*

#### **Mr. Godfrey Vianney BWOGI**

*Dip. Educ. (ITEK); Dip. Agric. (Bukalasa); BSc. Agric. (UMU) Msc. Research Methods (Jomo Kenyatta)*

#### **Ms. Miria ACERO**

*BSc. Agric (MUK), MSc. Crop Science and Biotechnology (MUK)*

#### **Marius Florian MURONGO (Bro.)**

*B. Voc. Agric. (Educ.), Kyambogo University; MSc. Agro Ecology (Uganda Martyrs), PhD candidate, Dry land resources management (University of Nairobi)*

#### **Mr. Gerard Lubega**

*Dip. Educ (Agric), (Kyambogo University); Bsc. Agric, (Uganda Martyrs University); Msc Agro Ecology,(Uganda Martyrs University)*

### **Senior Administrator**

#### **Ms. Molly NANTONGO**

*BASS (MUK); MA Mgt (Greenwich)*

**Asst. Administrator**

**Ms. Irene NABAYINDA**

*Dip. Secretarial studies and stenography (High Learning Institute for BS), Dip. CSIT (UMU)*

**Administrator-ACALISE**

**Ms. Rose NALUGO**

*B. Management Science (Kyambogo)*

**Consultants**

1. Dr. Ssemakula Joseph
2. Dr. Bwanika Godfrey
3. Dr. Zzake M. Wycliffe
4. Dr. Awich Richard
5. Dr. Namubiru Proscovia Sentamu
6. Dr. Kasharu Apollo
7. Dr. Speranza Namusisi
8. Rev Dr. Mooka John Mary Kamweri
9. Prof. Laura Otaala
10. Eng. Alphonse CANDIA
11. Dr. Denis Mugizi Rwabiita
12. Mr. Mugerwa George
13. Mr. Mubangizi Denis
14. Mr. Lutalo Dan
15. Mr. Kabango Freddie
16. Ms. Akurut Catherine
17. Mr. Turyahabwe Charles
18. Mr. Bayunga Andrew
19. Sr. Estellina Namutebi
20. Ms. Sylvia Namazzi
21. Fr. Ssemwogerere Edward

**Non Academic Staff**

**Field Officer**

Mr. Kefa KALANZI

*BSc. Org.Agric (UMU)*

**Farm Manager**

Muhwezi David

Bsc. Agric (UMU) Dip in APM(Bukalasa)

**Asst. Farm Manager**

Kafuma Gerald

Dip Animal Husbandry (Mbuye Agric college)

**Asst. Farm Manager**

Musisi Ronald

Dip General Agric (Mbuye)

**Agriculture Assistant**

Kitto David

Cert. Tropical Agriculture (Mbuye)

**Support staff**

Sserumaga Richard

Dezirantor Nabukeera

Kabagambe Vincent

Magret Nabuuma

Nakawuka Dezi

## University requirements

Students are required to register with the registry office for undergraduate courses and School of Postgraduate Studies for the post graduate programmes. Once registered the student will be entitled to a student identity card. If the ID gets lost a fee will be charged for re-issuing of a new card. Students are required to present their ID cards to enable them access all the university services including library, examinations, finances etc.

Registration of students is done every year and students should keep a record of scheduled dates for registration.

## Communication with the university

The Registrar,

Uganda Martyrs University

P. O. Box 5498 Kampala

Tel: 039 3 410606

Fax: 038 2 410100

Website: <http://www.umu.ac.ug>

**or**

The Dean Faculty of Agriculture

Uganda Martyrs University

P. O. Box 5498 Kampala, Uganda

**Faculty Landline: 0393278711**

**e.mail: [deanagric@umu.ac.ug](mailto:deanagric@umu.ac.ug)**

Provide the following information when communicating to the university

Name

Student Registration Number

Course

Postal Address

Contact

e-mail

## **FACULTY OF AGRICULTURE PROGRAMS AND ELIGIBILITY CRITERIA**

The faculty offers a cross section of programs at all levels of university study. Certificate and diploma courses are taught by the affiliate institutions namely, Mbuye Agricultural College, Umu Ngetta Campus and Nile Campus of Uganda Martyrs University. The rest of the courses offered are detailed here below;

### **1. Diploma in Agricultural Economics and Agribusiness Management Programme (FT) Ngetta Campus**

The two year programme offers training in the use of business, marketing, financial management, economics, and computer applications to address agribusiness management and small enterprise development in agriculture. This programme combines knowledge of business management and agricultural systems with an understanding of how the market economy works and the appropriate role of government regulation. The course provides students with the skills to examine Ugandan domestic and global agricultural products, consumer interests and how they impact the demand for food and agricultural products.

Students trained in this programme are to assume leading roles of public and private businesses of agricultural and food products. This contributes greatly towards the economic well being of the country. Students are expected to examine the efficient allocation of scarce resources within the country and profit maximization. They will understand both the supply and demand sides of agribusiness. The students will have a basic foundation in business, marketing, finance, and accounting and will be able to use marketing research techniques to provide a client with a marketing plan.

#### **Objectives**

- To produce professionals and practitioners with knowledge and skills in agricultural economics and Agribusiness Management to meet the current demand;
- To train professionals and practitioners who will use their knowledge and skills to carry out research in the production and marketing of agricultural produce and products.

#### **Eligibility**

Candidates applying for the Diploma in Agricultural Economics and Agribusiness Management must satisfy the minimum University entrance requirements set by National Council of Higher Education (NCHE). In addition to this, all candidates must satisfy the general minimum entry requirements of Uganda Martyrs University and Faculty of Agriculture regulations.

### Direct entry

Candidates seeking admission through this avenue must have obtained:

At least one principal pass and two subsidiary passes at the advanced level ('A' level) in Agriculture, Biology, Chemistry, Economics, entrepreneurship, home economics and food and nutrition and 3 Passes in the Uganda Certificate of Education (U.C.E) Examinations obtained at the same sitting with mathematics and English as a must.

For purposes of computing entry points, the advanced level subjects shall be grouped and weighted as follows:

### Certificate Entry Scheme

A candidate who holds certificate in Agriculture or its equivalent from recognized local and International Institutions may be admitted for Diploma in Agricultural Economics and Agribusiness Management.

### Mature Age Entry

This shall be for candidates who are 25 years and above and are holding certificate in agriculture or related fields from a recognized institution. Such candidates shall be admitted after passing the mature age entry examinations set by Faculty of Agriculture of Uganda Martyrs University with a minimum mark of 50%.

### Program Structure

#### YEAR ONE - SEMESTER ONE

Code	Number	Course Name	LH	TH	PH	CH	CU
DAE	1101	Micro- Economics	30	30	-	45	3
DAE	1102	Agricultural Development	30	30	-	45	3
DAE	1203	Fundamental Accounting Principles	30	18	12	45	3
DAE	1104	Introduction to Principles of Agronomy	30	-	30	45	3
DAE	1105	Introduction to computer use	30	-	30	45	3

#### YEAR ONE - SEMESTER TWO

Code	Number	Course Name	LH	TH	PH	CH	CU
DAE	1201	Introduction to Animal Husbandry	30	-	30	45	3
DAE	1202	Principles of agricultural Mechanization and Engineering	30	-	30	45	3
DAE	1203	Agribusiness concepts	30	30	-	45	3
DAE	1204	Business Communication skills	30	-	30	45	3
DAE	1205	Agricultural marketing	30	30	-	45	3
DAE	1206	Rural sociology	30	-	30	30	3

## YEAR TWO - SEMESTER ONE

Code	Number	Course Name	LH	TH	PH	CH	CU
DAE	2101	Introductory statistics	30	-	30	45	3
DAE	2102	Methods and materials in extension	30	-	30	45	3
DAE	2203	Farm management and accounting	30	18	12	45	3
DAE	2104	Project planning and management	30	-	30	45	3

## YEAR TWO – SEMESTER TWO

Code	Number	Course Name	LH	TH	PH	CH	CU
DAE	2201	Entrepreneurship development	30	-	30	45	3
DAE	2202	Production economics	30	-	30	45	3
DAE	2203	Food and nutrition security	30	-	30	45	3
DAE	2204	Field attachment report	30	-	60	60	4

## 2. Diploma in Animal Production and Farm Management

Agriculture is the most important sector of Uganda's economy employing over 80 % of the work force and contributing about 27.21 % to the GDP. Modern agriculture is complex and only individuals who have gone through an extended period of preparation in agriculture can effectively participate and contribute to it. This justifies investment in school and tertiary level Education in agriculture. The philosophical basis of the diploma programme in Animal Production and Farm Management is the need to produce a critical mass of producers and manpower needed for research, extension and management in agriculture.

Admission to the programme is in accordance with Uganda Martyrs University regulations.

### Objective

To train professionals to improve their skills and competencies in the field of Agriculture to serve the society.

### Eligibility

A candidate is eligible for admission to the programme on meeting the following requirements;

- a) The Uganda Certificate of Education (UCE / "O" level) with at least a credit pass in biology or agriculture, and
- b) The Uganda Advanced Certificate of Education ("A" level) with at least one principal pass in Biological sciences/agriculture and two subsidiary passes in any science subjects.

OR

- a) The Uganda Certificate of Education (UCE / "O" level) with at least a credit pass in biology or agriculture, and
- b) A Uganda Junior Technical Certificate (UJTC) in Tropical Agriculture or related discipline from a recognised institution, with at least one Credit grade. Candidates with Pass grades may be admitted upon doing and passing an Admission or Aptitude Test (AT). Field practical experience puts the applicant in a competitive position, though **not** a must

### Program structure

<b>YEAR 1, SEMESTER I</b>							
<b>N</b>	<b>Course Code</b>	<b>Course</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
1	DAPM 2101	Introduction to Principles of Agricultural Economics	30	10	0	30	2
2	DAPM 2102	Applied Anatomy and Physiology of Farm Animals	15	30	30	45	3
3	DAPM 2103	Introduction to Agricultural Biochemistry	15	30	30	45	3
4	DAPM 2104	English Language and communication skills	30	10		30	2
5	DAPM 2105	Soil Fertility and Water Management	15	30	30	45	3
6	DAPM 2106	Fish Farming	15	10	60	45	3
7	DAPM 2107	Poultry Production	15	10	60	45	3
8	DAPM 2108	Introduction to Animal Microbiology and Parasitology	15	15	15	30	2
9	DAPM 2109	Apiculture	15	15	15	30	2
<b>Total number of Credit Units</b>							<b>23</b>

Note: 1LH equivalent to 2PH/TH equivalent to 1CH = 1CU

<b>YEAR 1, SEMESTER II</b>							
<b>N</b>	<b>Course Code</b>	<b>Course Unit</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
1.	DAPM 2110	Resource Mobilization and Market Chain Management	30	10		30	2
2.	DAPM 2111	Basic Computer Literacy	15	10	20	30	2
3.	DAPM 2112	Introduction to Agricultural Extension Education	30	10		30	2
4.	DAPM 2113	Introduction to Agricultural Research and Biostatistics	30	10		30	2
5.	DAPM 2114	Agro-forestry Development and Management	15	15	15	30	2
6.	DAPM 2115	Introduction to Animal Health and clinical diagnosis	30	30	30	45	3



7.	DAPM 2116	Pig Husbandry	15	15	15	30	2
8.	DAPM 2117	Introduction to Pharmacology and Therapeutics	30	15	15	45	3
9.	DAPM 2118	Diseases of Cattle and Small Ruminants	15	30	30	45	3
10.	DAPM 2119	Industrial Training 1			90	45	3
		<b>Total number of Credit Units</b>					<b>24</b>

Note: 1LH equivalent to 2PH/TH equivalent to 1CH = 1CU

<b>YEAR 2, SEMESTER I</b>							
<b>No.</b>	<b>Course Code</b>	<b>Course</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
1.	DAPM 2201	Ecological Organic Agriculture and Sustainable Environment Management	15	30	30	45	3
2.	DAPM 2202	Land Use Planning and Management	15	15	15	30	2
3.	DAPM 2203	Entrepreneurship and Agro-ecotourism Management	15	15	15	30	2
4.	DAPM 2204	Animal Nutrition and Pasture Management	15	30	30	45	3
5.	DAPM 2205	Small Ruminants, Rabbits and Pets Management	30	10	30	45	3
6.	DAPM 2206	Introduction to Veterinary Pathology	15	15	15	30	2
7.	DAPM 2207	Dairy Husbandry	15	10	60	45	3
8.	DAPM 2208	Beef Husbandry	15	10	30	30	2
9.	DAPM 2209	Introduction to Animal Breeding and Genetic Improvement.	30	10	0	30	2
		<b>Total number of Credit Units</b>					<b>22</b>

Note: 1LH equivalent to 2PH/TH equivalent to 1CH = 1CU

<b>YEAR 2, SEMESTER II</b>							
<b>No.</b>	<b>Course Code</b>	<b>Course Unit</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
1.	DAPM 2210	Project Planning and Enterprise Management	15	10	30	30	2
2.	DAPM 2211	Agricultural Policies and Ethics	30	10	0	30	2
3.	DAPM 2212	Basic Nutrition and Family Life Education	30	10	0	30	2
4.	DAPM 2213	Introduction to Veterinary Public Health	15	30	30	45	3
5.	DAPM 2214	Veterinary Pharmacology	30	15		45	3
6.	DAPM 2215	Diseases of swine, poultry and pets	15	10	56	45	3
7.	DAPM 2216	Value Addition to Animal Products	30	10	0	30	2
8.	DAPM 2217	Industrial Training 2			90	45	3
		<b>Total number of Credit Units</b>					<b>20</b>

Note: 1LH equivalent to 2PH/TH equivalent to 1CH = 1CU

### 3. Diploma in Crop Production and Farm Management

Agriculture is the most important sector of Uganda's economy employing over 80 % of the work force and contributing about 27.21 % to the GDP. Modern agriculture is complex and only individuals who have gone through an extended period of preparation in agriculture can effectively participate and contribute to it. This justifies investment in school and tertiary level Education in agriculture. The philosophical basis of the diploma programme in Crop Production and Farm Management is the need to produce a critical mass of producers and manpower needed for research, extension and management in agriculture.

Admission to the programme is in accordance with Uganda Martyrs University regulations.

#### General objective

To train professionals to improve their skills and competencies in the field of Agriculture to serve the society

#### Eligibility:

A candidate is eligible for admission to the programme on meeting the following requirements;

3. The Uganda Certificate of Education (UCE / "O" level) with at least a credit pass in biology or agriculture, and
4. The Uganda Advanced Certificate of Education ("A" level) with at least one principal pass in Biological sciences/agriculture and two subsidiary passes in any science subjects.

#### OR

3. The Uganda Certificate of Education (UCE / "O" level) with at least a credit pass in biology or agriculture, and
4. A Certificate in Tropical Agriculture (UJTC) or related discipline from a recognised institution, with at least one Credit grade. Candidates with Pass grades may be admitted upon doing and passing an Admission or Aptitude Test (AT). Field practical experience puts the applicant in a competitive position, though **not** a must.

#### Program structure

YEAR 1, SEMESTER I						
Course Code	Course Name	LH	TH	PH	CH	CU
DCPM 2101	Introduction to Principles of Agricultural Economics	20	10	15	30	2
DCPM 2102	Applied Anatomy and Physiology of Farm Animals	30	10	30	45	3
DCPM 2103	Introduction to Agricultural Biochemistry	25	20	30	45	3
DCPM 2104	English language and communication skills	20	10	30	30	2

DCPM 2105	Soil Fertility and Water Management	25	20	30	45	3
DCPM 2106	Commercial Annual Crops Production	30	10	30	45	3
DCPM 2107	Soil Genesis and Classification	20	10	30	30	2
DCPM 2108	Botany and Crop Physiology	20	10	30	30	2
DCPM 2109	Sustainable Livestock Enterprises Management	30	10	30	45	3
	<b>Total number of Credit Units</b>					<b>23</b>

<b>YEAR 1, SEMESTER II</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>L H</b>	<b>TH</b>	<b>P H</b>	<b>C H</b>	<b>C U</b>
DCPM 2110	Resource Mobilization and Market Chain Management	20	0	30	30	2
DCPM 2111	Basic computer Literacy	10	20	30	30	2
DCPM 2112	Introduction to Agricultural Extension Education	20	10	15	30	2
DCPM 2113	Introduction to Agricultural Research and Biostatistics	20	10	15	30	2
DCPM 2114	Agro-forestry Development and Management	20	10	15	20	2
DCPM 2115	Commercial Perennial Crops Production	25	10	30	45	3
DCPM 2116	Appropriate Farm Structures and Machinery	25	10	30	45	3
DCPM 2117	Industrial Training 1			45	135	3
	<b>Total number of Credit Units</b>					<b>19</b>
<b>YEAR 11, SEMESTER I</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>L H</b>	<b>TH</b>	<b>P H</b>	<b>CH</b>	<b>C U</b>
DCPM2201	Ecological Organic Agriculture and Sustainable Environment Management	30	10	30	45	3
DCPM2202	Land Use Planning and Management	25	10	10	45	3
DCPM2203	Entrepreneurship and Agro-ecotourism Management	20	10	10	30	2
DCPM2204	Animal Nutrition and Pasture Management	30	10	30	45	3
DCPM2205	Commercial Horticulture Production	30	10	30	45	3
DCPM2206	Post-Harvest Management	30	10	30	45	3
DCPM2207	Genetics and Breeding	30	10	30	45	3
	<b>Total number of Credit Units</b>					<b>20</b>

<b>YEAR 2, SEMESTER II</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>L H</b>	<b>TH</b>	<b>P H</b>	<b>CH</b>	<b>C U</b>
DCPM 2208	Project Planning and Enterprise	2	10	1	30	2

	Management	0		5		
DCPM 2209	Agricultural Policy Development and Ethics	2 0	10	1 5	30	2
DCPM 2210	Basic Nutrition and Family Life Education	2 0	10	1 5	30	2
DCPM 2211	Integrated Crop Protection Strategies	3 0	10	3 0	45	3
DCPM 2212	Animal Health Management	3 0	10	3 0	45	3
DCPM2213	Animal Parasitology and Therapeutics	3 0	10	3 0	45	3
DCPM 2214	Industrial Training/ Field attachment			8 0	13 5	3
	<b>Total number of Credit Units</b>					<b>1 8</b>

**Overall total number of Credit Units = 80**

#### 4. Bachelor of Agriculture (Full time) –Main Campus

The three year full time programme is designed to impart knowledge and practical skills to students and enable them effectively advise farmers on improving agricultural production and productivity in a sustainable manner, for improved food security and nutrition, better incomes and living standards. The course also enables students to manage and run profitable agricultural enterprises while also conserving the environment.

##### Overall objective

The programme is intended to contribute to empowering the community through student training by equipping them with agricultural knowledge and practical skills in order to contribute to achieving the Millennium Development Goals.

##### Eligibility

The course shall be open to holders of "A" Level Certificate with at least two principal passes in biological subjects or the equivalent.

##### Program structure

Course	Year 1 Semester I	CU	LH	PH	CH
CRE 1101	Introduction to Agriculture	3	30	30	45
PIE 1101	Introduction to Ethics	3	15	60	30
CPR 1101	Introduction to Computer Applications	2	15	60	30
ENG 1101	English Language	3	15	60	30
CRE 1102	Plant Anatomy and Physiology	3	30	30	45
ARE 1101	Anatomy and Physiology of Domestic Animals	3	30	30	45
SSC 1101	Introduction to Soil Science	4	30	90	60
SEM 1101	Introduction to Statistics	3	30	30	30

FPR 1201	Farm Practicals (Crop Husbandry)	3	15	60	30
	<b>Semester II</b>				
SPN 1102	Soil Fertility and Plant Nutrition	3	30	30	45
RME 1201	Research Methodology I	3	30	30	45
CLS 1201	Original and Critical thinking	3	15	60	30
LIT 1201	Literature and Composition	3	15	60	30
PPM 1201	Project Planning and Management	2	15	60	30
FPM 1201	Farm Planning and Management	3	30	40	45
ARE 2204	Animal Breeding and Genetics	3	30	60	60
FPR 1201	Farm Practicals (Crop Husbandry)	3	15	60	30
AIN 2102	Agricultural Internship	3	15	60	30
	<b>Year 2 Semester I</b>				
ENT 2101	Introduction to Entomology	3	30	30	45
RME 1201	Research Methodology II	3	30	30	45
STA 1201	Sustainable Environment Management	3	30	30	45
AEC 1201	Agricultural Economics I	4	30	60	60
IOF 2101	Introduction to Organic Farming	3	30	30	60
CRE 2103	Annual Crops Agronomy	3	30	30	45
COS 2101	Communication Skills	3	30	30	45
FPR 1201	Farm Practicals (Animal Husbandry)	3	15	60	30
	<b>Semester II</b>				
CRE 2104	Ruminant Animal Husbandry	3	30	30	45
AEC 1201	Agricultural Economics II	4	30	60	60
CPD 2101	Crop Pests and Diseases Management	3	30	60	60
PHS 2101	Post Harvest Handling and Storage	3	25	30	45
AAT 1201	Appropriate Agro-mechanization Technology	3	30	60	60
CRE2104	Perennial Crops Agronomy	3	30	30	45
ARE 2203	Non-ruminant Animal Husbandry	3	30	30	45
FPR 1201	Farm Practicals (Animal Husbandry)	3	15	30	60
AIN 2102	Agricultural Internship	3	15	30	60
	<b>Year 3 Semester I</b>				
CEM 1201	Agricultural Extension	3	30	60	45
AGM 3101	Agricultural Marketing	3	30	30	45
MPD 2201	Pest & Disease Management of Domestic Animals	3	30	30	45
PHS 2102	Value Addition	3	25	45	45
HUN 3101	Consumer Nutrition	3	25	30	30
AGM 3101	Plant Breeding and Genetics	3	30	30	45
	Farm Practicals (Agricultural Outreach)	3	15	30	60

FPR 1201					
	<b>Semester I1</b>				
AGB 3201	Introduction to Agri-business Management	4	45	60	45
APR 3201	Agricultural Policy and Regulations	3	30	-	60
PAE 3201	Professional and Applied Ethics	3	30	-	45
BEN 3201	Business English	3	25	-	45
RDE 3201	Rural Development	4	30	30	45
AGT 3201	Agro-tourism	3	30	25	45
RD1 3201	Research Dissertation	8	10	75	225

## **5. Bachelor of Agricultural Economics and Agribusiness Management (Fulltime)-Ngetta Campus**

There is increasing demand for the production, marketing and distribution of food and fibre products for a growing world population and the industry faces complex issues related to climate change, food security and growing international trade. Skilled personnel are needed to work on these issues, hence the need to produce more professionals with Agribusiness skills to help address the emerging challenges and opportunities of the future.

The three year full time programme offers training in the use of business, marketing, financial management, economics, and computer applications to address agribusiness management, small and medium enterprise development in agriculture. The programme combines knowledge of business management and agricultural systems with an understanding of how the market economy works and the appropriate role of government regulation. The programme provides students with the skills to examine Ugandan domestic and global agricultural products consumer interests and how they impact the demand for food and agricultural products.

Students trained in this programme are to assume leading roles in public and private businesses of agricultural value chain. This contributes greatly towards the economic and social wellbeing of the country. Graduates are expected to manage the efficient and effective allocation of scarce resources within the country and profit ensure maximization. They will interpret both the supply and demand sides of agribusiness. The graduates will have a firm foundation in business, marketing, finance, and accounting and will be able to apply marketing research techniques to provide the clients with business plans.

Graduates of agricultural economics and agribusiness management therefore require the technical skills to improve productivity, negotiate rapidly changing agricultural markets, and adapt their productive activities in response to the new niches identified. These graduates can thus benefit from training in agricultural techniques, as well as business management and marketing Skills

### **Objectives**

- To impart into the students technical skills to improve agricultural productivity and negotiate skills to manage rapidly changing agricultural markets.
- To provide a theoretical and practical orientation to the students to be able to provide solutions to organizational problems.
- To provide students with marketing research techniques to solve real agribusiness marketing problems.
- To make students understand how the market economy works and the appropriate role of government regulation and the innovation platforms in general.

## Eligibility Criteria

### Direct entry

Candidates seeking admission through this avenue must have obtained:

At least two principal passes at the advanced level ('A' level) in Agriculture, Biology, Chemistry, or Economics, Enteprenuerships, home economics and food science and nutrition and 5 Passes in the Uganda Certificate of Education (U.C.E) Examinations obtained at the same sitting with mathematics and English as a must.

For purposes of computing entry points, the advanced level subjects shall be grouped and weighted as follows:

Group	Weight	Subjects
Essential	3	Biology, Agriculture, Economics, Chemistry, entrepreneurship, home economics, food science and nutrition.
Relevant	2	One better done of Mathematics & Physics.
Desirable		General paper, sub maths, Geography
Others ½		All others

## 6. Bachelor of Agricultural Economics and Agribusiness Management (full time)

### Year One Semester 1

Code	Number	Course Name	LH	TH	PH	CH	CU
AGD	1101	Agricultural Development	30	30	-	45	3
IME	1102	Introduction Micro- Economics	45	30	-	60	4
PFA	1103	Principles of Fundamental Accounting	30	18	12	45	3
IPA	1104	Introduction to Principles of Agronomy	30	-	30	45	3
CSC	1105	Introduction to computer Applications	30	-	30	45	3
ETH	1106	Introduction Ethics	45	30	-	60	4
ENG	1107	English Language	15		60	30	3
STA	1108	Introduction to Statistics	30		30	30	3

**Semester 11**

Code	Number	Course Name	LH	TH	PH	CH	CU
IAH	1201	Introduction to Animal Husbandry	30	-	30	45	3
RME	1202	Research Methodology	30		30	45	3
IMA	1203	Introduction Macro Economics	45	30	-	60	4
CLS	1204	Original and Critical thinking	15		60	30	3
LIT	1205	Literature and Composition	15		60	30	3
PPM	1206	Project planning and management	30	-	30	45	3
FPM	1207	Farm Planning and management	30	18	12	45	3
AIN	1208	Agribusiness Internship	15		60	30	3

**Year Two - Semester I**

Code	Number	Course Name	LH	TH	PH	CH	CU
BMA	2101	Business Mathematics	30	30	-	45	3
REM	2102	Resource and Environmental Management		30	-	45	3
HRM	2103	Human Resource Management	30	-	-	30	2
COM	2104	Communication Skills	30	30	-	45	3
END	2105	Entrepreneurship Development	30	30	-	45	3
PEC	2106	Production Economics	45	18	12	60	4
SPM	2107	Strategic Planning and Management	30	30	-	45	3

**Semester II**

Code	Number	Course Name	LH	TH	PH	CH	CU
MEC	2201	Managerial Economics	30	30	-	45	3
APA	2202	Agribusiness Price Analysis and Taxation	30	30	-	45	3
POM	2203	Production and Operations Management	30	30	-	45	3
IAT	2204	International Agricultural Trade	30	30	-	60	4
AMT	2205	Appropriate Agro-Mechanization Technology	30	-	30	45	3
AIM	2206	Agribusiness Information Systems Management	30	-	30	45	3
MDE	2207	Microfinance Development	30	30	-	45	3
AIN	2208	Agribusiness Internship	15		60	30	3

**Year Three - Semester I**



Code	Number	Course Name	LH	TH	PH	CH	CU
FNS	3101	Food and Nutrition Security	30	30	-	45	3
AGF	3102	Agribusiness Finance	30	30	-	45	3
AGE	3103	Agricultural Extension Education	30	-	30	45	3
COB	3104	Consumer Behavior	30	30	-	45	3
ARM	3105	Agribusiness Risk Management	30	30	-	45	3
AMM	3106	Agricultural Marketing Management	30	30	-	45	3
RSC	3107	Rural Sociology and Community Psychology	30	30	-	45	3
AGO	3108	Agribusiness Outreach	15		60	30	3

### Semester II

Code	Number	Course Name	LH	TH	PH	CH	CU
ROB	3201	Relations & Organizational Behavior	30	30	-	45	3
PSC	3202	Procurement & Supply Chain Management	30	30	-	45	3
PAE	3203	Professional and Applied Ethics in Agriculture	30	-	45		3
DEV	3204	Rural Development	30	30	-	45	3
AGM	3205	Agribusiness Management	30	30	-	45	3
ALP	3206	Agricultural Law and Policies	30	30	-	45	3
BCO	3207	Business Communication	30	30	-	45	3
RMT	3208	Research Dissertation	75	-	-	75	5

## 7. Bachelor of Science Ecological Organic Agriculture (Distance Learning)

### Main Campus

This four year distance learning course is designed to enable students to make use of logical, strategic and result-orientated frameworks to control and monitor Ecological Organic Agriculture projects, Collect & manage Ecological Organic Agriculture data to inform learning & identify solutions and improve their data collection skills and design of data analysis tools. They are expected to plan and track the benefits of interventions for Ecological Organic Agriculture, use different methods of evaluation including environmental and impact assessments, work effectively with development partners and stakeholders to identify barriers to success and gain acceptance of recommendations for change through following best practice in Ecological Organic Agriculture.

## Eligibility

The course, as first priority, considers the admission of those candidates with a Diploma in organic Agriculture or closely related agricultural field from recognized institutions.

- i. A candidate must have obtained the Uganda Certificate of Education (UCE) with five credits one of which must be in English and Mathematics; and at least one principle pass in the relevant subjects at Uganda Advanced Certificate of Education obtained at one sitting.
- ii. A candidate must have obtained a diploma or equivalent in any other field, but with Agricultural Science at O' level or A' level can be considered. Additionally all admitted students must be working in Agriculture, community development or related fields, and should be able to take an annual study leave of at least four (4) weeks or 30 calendar days.

### Program Structure

Module	Year 1: Semester 1	CU	LH	PH
BSEOA 1101	Critical Thinking & Communication Skills	4	60	40
BSEOA 1102	Agroecology Innovations Development	4	60	40
BSEOA 1103	Biocultural Diversity	4	60	40
BSEOA 1104	Ethnoecological Systems	4	60	40
	<b>Semester 2</b>			
BSEOA 1205	Ethno-Medicine and Ethno-Veterinary Medicine	4	60	40
BSEOA 1206	Agroecosystem Biodiversity Conservation	4	60	40
BSEOA 1207	Participatory Action Research	4	60	40
BSEOA 1208	Soil Ecology Management	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 2: Semester 1</b>			
BSEOA 2109	Sustainable Land Utilization Ecology	4	60	40
BSEOA 2110	Organic Crop Production Systems	4	60	40
BSEOA 2111	Organic Livestock Production Systems	4	60	40
BSEOA 2112	Ecological Organic Agriculture	4	60	40
	<b>Semester 2</b>			
BSEOA 2213	Crop Protection Ecology	4	60	40
BSEOA 2214	Biodiversity in Agro-Ecosystems	4	60	40
BSEOA 2215	Agricultural Biotechnology	4	60	40
BSEOA 2216	Agricultural Food Systems Management	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 3: Semester 1</b>			
BSEOA 3117	Seed Systems & Planting Material Management	4	60	40
BSEOA 3118	Food Science and Human Nutrition	4	60	40
BSEOA 3119	Agriculture Extension	4	60	40
BSEOA 3220	Agricultural Post Harvest & Value Addition	4	60	40

	<b>Semester 2</b>			
BSEOA 3221	Agro-Mechanization Technology	4	60	40
BSEOA 3222	Applied Ethics in Agriculture	4	60	40
BSEOA 4123	Agricultural Economics	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 4: Semester 1</b>			
BSEOA 4124	Participatory Organic Guarantee Systems	4	60	40
BSEOA 4125	Agricultural Market Chain Management	4	60	40
BSEOA 4226	Agricultural Information Systems Management	4	60	40
	<b>Semester 2</b>			
BSEOA 4227	Agro-Ecological Tourism Management	4	60	40
BSEOA 4228	Agro-Forestry Ecological Management	4	60	40
BSEOA 4229	Agricultural Internship	4	60	40
BSEOA 4230	Research Dissertation	8	10	75

## 8. Bachelor of Science in Agriculture (Distance learning)

The program is completed in four years. During this period students are exposed to lectures accompanied by intensive practical work. The course units are conducted on distance or in-service basis over a minimum of four years, each consisting of two semesters. Students attend both theory and corresponding practical sessions. During each semester there is continuous assessment of students in form of tests and assignments. Final examination are administered at the end of each semester. Practicals are conducted in tandem with the theory and written reports submitted to the faculty, and are marked as part of the continuous assessment. During the third year each student conducts research that culminates in a dissertation which is marked as partial requirement for the degree award.

### Entry Requirements

The course, as first priority, considers the admission of those candidates with a Diploma in Agriculture or closely related Agricultural field from recognized institutions.

- i. A candidate must have obtained the Uganda Certificate of Education (UCE) with five credits one of which must be in English and Mathematics; and at least one principle pass in the relevant subjects at Uganda Advanced Certificate of Education obtained at one sitting.
- ii. A candidate must have obtained a diploma or equivalent in any other field, but with Agricultural sciences at O' level or A' level can be considered. Additionally all admitted students must be working in Agriculture, community development or related fields, and should be able to take an annual study leave of at least four (4) weeks or 30 Calendar days.

### Program Structure

Module	Year 1: Semester 1	CU	LH	PH
BSAG 1101	Critical Thinking and Communication Skills	4	60	40
BSAG 1102	Sustainable Agriculture Development	4	60	40
BSAG 1103	Agricultural Policy Regulation	4	60	40
BSAG 1104	Sustainable Environmental Management	4	60	40
	<b>Semester 2</b>			
BSAG 1205	Research and Statistical Methods	4	60	40
BSAG 1206	Agricultural Extension	4	60	40
BSAG 1207	Soil Management And Plant Nutrition	4	60	40
BSAG 1208	Sustainable Crop Production	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 2: Semester 1</b>			
BSAG 2109	Sustainable Livestock Production and Management	4	60	40
BSAG 2110	Ecological Organic Agriculture Production	4	60	40
BSAG 2111	Crop Protection	4	60	40
BSAG 2112	Animal Health And Nutrition	4	60	40
	<b>Semester 2</b>			
BSAG 2213	Plant Breeding And Biotechnology	4	60	40
BSAG 2214	Animal Breeding And Biotechnology	4	60	40
BSAG 2215	Agricultural Food Systems Management	4	60	40
BSAG 2216	Seed Systems And Planting Material Management	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 3: Semester 1</b>			
BSAG 3117	Food Science and Human Nutrition	4	60	40
BSAG 3118	Agro Product Development	4	60	40
BSAG 3119	Agro Mechanization Technology	4	60	40
BSAG 3120	Applied Ethics in Agriculture	4	60	40
	<b>Semester 2</b>			
BSAG 3221	Farm Planning and Management	4	60	40
BSAG 3222	Agricultural Economics	4	60	40
BSAG 3223	Agribusiness Development and Entrepreneurship	4	60	40
	Agricultural Internship	4	60	40
	<b>Year 4: Semester 1</b>			
BSAG 4124	Agricultural Market Chain Management	4	60	40
BSAG 4125	Agricultural Information Systems Management	4	60	40
BSAG 4126	Sustainable Agro-Tourism Management	4	60	40
	<b>Semester 2</b>			
BSAG 4226	Agro-Forestry Management	4	60	40
BSAG 4227	Sustainable Land Utilization Management	4	60	40

BSAG 4228	Ethno-Medicine Ecological Systems	4	60	40
BSAG 4229	Agricultural Internship	4	60	40
BSAG 4230	Research Dissertation	8	10	75

## 9. Master of Science in Agro Ecology (Lubaga Campus)

The two year part time/weekend programme was designed to enable students acquire a firm grasp of the technical, political and socio-cultural context of organic agriculture, techniques for studying local/indigenous knowledge, data collection and analytical methods used for planning, monitoring and evaluation, management and leadership in implementation of natural resource management and development program

### Eligibility

1. Candidates must have at least a second class lower degree from a recognized university in the relevant field.
2. No candidate unless under exceptional circumstances will be admitted for the postgraduate degree programme immediately after the bachelor's course without practical experience in the field.
3. Prospective Master's students will be admitted only if they pass the Graduate Admission Test (GAT) of Uganda Martyrs University or the specific faculty/department.

### Objectives

The MSC. in Agro-ecology curriculum is to foster the development of practical, interdisciplinary skills to prepare students for the complex field of agriculture. Students should acquire a firm grasp of the technical, political and socio-cultural context of organic agriculture, techniques for studying local/indigenous knowledge, data collection and analytical methods used for planning, monitoring and evaluation, management and leadership in implementation of natural resource management and development programmes. In this regard, aims of the programme are,

- To Increase the relevance in higher agricultural education in respect to small-scale farming systems
- To generate agriculture graduates with the ability to understand, analyse and elaborate the farm as a production unit that interacts with its dynamic surroundings
- To produce graduates that are able to give relevant support to the design of farming systems that integrate production and conservation, and in which the production enhancing activities are mainly based on local sustainable resources.
- To develop a common, jointly planned Master's programme at the three partner universities with the aim of providing students with adequate training for dealing with small-holder farming agriculture from a systemic and integrated perspective. The students will interact frequently with the programme's case study sites, and will thereby be exposed to the complex reality of farmers.

- To make use of the complementary expertise of programme partners' teaching staff and utilise it rationally as a common resource pool for sharing teaching and supervision of Master's students.
- To exploit and further develop the distance learning tools in use in the three partner universities, combining e-learning over the internet with locally facilitated face-to-face teaching of classes. We call these 'blended courses'.
- To create an environment for student and staff exchanges between universities involved in the Agro-ecology Programme.

#### **Programme Structure**

<b>Module</b>	<b>Year 1: Semester 1</b>	<b>CH</b>	<b>CU</b>
MAE 1/1	Systems and Agro-ecologies	75	5
MAE 2/2	Participatory Approaches in Project Management and Development	45	3
MAE 2/3	Research Methods	45	3
	<b>Semester 11</b>		
MAE 2/4	Modelling and Remote Sensing (GIS)	60	4
MAE 2/5	Information Technology and Communication Skills for Development	45	3
MAE 3/6	Introduction to Sustainable Agriculture	60	4
	<b>Year 11: Semester 1</b>		
MAE 3/7	Agro-biodiversity and Food Systems	60	4
MAE 3/8	Integrated Natural Resource Management	60	4
MAE 3/9	Socio-economic and Institutional Aspects of Agro-ecosystem Development	60	4
	<b>Semester 11</b>		
MAE 4/10	Integrated Pest Management and Sustainable Agriculture	60	4
MAE 4/11	Livestock Production Systems and the Environment	120	8
MAE 4/12	Organic Agriculture: Concepts and Practices	75	5

### **10. Master of Science Monitoring and Evaluation ( Lubaga Campus)**

The two year part time/weekend programme was developed by Uganda Martyrs University in collaboration with Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) in order to build capacity for the badly needed professionally trained M&E personnel. The main objective of the MSc training is to produce top-level skilled professional staff with an interdisciplinary understanding of M&E, able to support analytical understanding of the impact of development initiatives in Africa and their comparison globally.

## Program objectives

The main objective of the MSc training is to produce top-level skilled professional staff with an interdisciplinary understanding of M&E, able to support analytical understanding of the impact of development initiatives in Africa and their comparison globally.

## Eligibility

- Applicants should have a Masters degree or, 2<sup>nd</sup> Upper Bachelors degree class (or its equivalent GPA) or 2<sup>nd</sup> class lower and at least 2 years working experience in any field associated with social development.
- Prospective Master's students will be admitted only if they pass the Graduate Admission Test (GAT) of Uganda Martyrs University or the specific faculty/department.

### Program structure

Module	Year 1: Semester 1	TH	LH	PH	CH	CU
MME 4101	Introduction to Monitoring and Evaluation	30	60	30	120	6
MME 4102	Monitoring and Evaluation Tools and Frameworks	30	60	30	120	6
MME 4103	Conducting and Managing Impact assessment and Evaluation	30	60	60	150	8
MME 4104	Monitoring and Evaluation for contemporary, multilateral and public sector	30	60	30	120	6
	Semester 11					
MME 4105	Monitoring and Evaluation for Agriculture and Sustainable Rural Development	30	60	30	120	6
MME 4106	Ethics in Monitoring and Evaluation	30	60	30	120	6
MME 4107	Key Communication Skills in Monitoring and Evaluation	30	60	30	120	6
	Year 11: Semester 1					
MME 4208	Research methods for Monitoring and evaluation	30	60	60	150	8
MME 4209	Management Information System for M&E	30	60	30	120	6
MME 4210	Quantitative Methods for M&E/ Applied Statistical Methods for M&E	30	60	60	150	8
	Semester 11					
MME 4211	Fundamentals of M&E for Development Seminar	30	60	60	150	8
	Elective Courses (to choose any two)					
MME 4212	Consultancy Skills Development, Internship And Practicum	30	45	30	105	5
MME 4213	Monitoring and Evaluating Health Interventions	30	45	30	105	5
MME 4214	Evaluation of Infrastructure Projects	30	45	30	105	5
MME 4215	Evaluation of Education Programmes	30	45	30	105	5

## **11. PhD in Agro Ecology and food Systems**

Agro-ecology provides additional vantage points to view the food systems; it offers insights on how to establish valuation criteria beyond neoclassical economics. Agro-ecology and food systems have a great bearing towards the Comprehensive Africa Agriculture Development Programme (CAADP) as it is known to stimulate and support rural development. It also fits in the Ecological Organic Agriculture initiative presently being implemented by the African Union in seven countries. Being a relatively new approach especially in developing countries, capacity and capacity building is required at all levels. A consortium of Universities that participated in the Agro-ecology in practice project that ran from 2008 – 2013, made a clear headway for the subject by carrying out short (5 - 7 days) sensitization courses involving farmers, administrators, opinion leaders, students at all levels, civil society organizations, government bodies, research institutions as well as industrialists and other employers.

The sensitization program aimed at raising awareness for all possible stakeholders to enable a soft landing for implementation of Agro-ecology principles and practices. It also targeted a caliber of youthful multidisciplinary graduates that would eventually enroll on the Masters programme. It was of no wonder therefore that the first cohort of M.Sc recruits at Uganda Martyrs University attracted overwhelmingly large numbers and the programme has continued to do so over the years. A large number of M.Sc graduates in Agro-ecology have been trained and there is an urgent demand from these graduates to advance to PhD level. The proposed PhD programme in Agro-ecology and Food Systems will therefore provide a 'sink' for the graduates while the M.Sc graduates will constitute the essential 'source' of candidates to the PhD programme. The Programme which is the first of its kind in the region falls also in the mandate of RUFORUM as a regional leader in capacity building at postgraduate level. It is expected that resources (both human and material) will be mobilized through the consortium to upgrade the programme to regional repute.

The programme was designed to produce well trained top-level skilled professionals with interdisciplinary and international orientation to facilitate the development of institutions and structures for sustainable utilization of knowledge and technologies in Agro-ecology in an integrated way. The programme also seeks to develop a new calibre of highly motivated and dynamic graduates with capacity to face the new challenges and intricacies facing Agriculture today and beyond. This is a unique programme for grooming agricultural scientists with interdisciplinary orientation, organizational and leadership skills, cross-cutting professional skills and the requisite mindsets to influence utilization of knowledge in agro-ecology and food systems that will eventually spill over to grassroots. To achieve this purpose, the programme targets professionals in universities, research, extension, Non-governmental Organizations (NGOs) and policy development institutions that need high level innovative and analytical capabilities.



### ***Programme Objectives***

By the end of the programme, the graduates should have the appropriate mindsets, exhibit ethical and professional values in their undertaking and will be able to:

- Facilitate learning in tertiary education institutions as well as in non-academic institutions to develop capacities for engagement in Agroecological disciplines.
- Facilitate and build networks and partnerships that foster communication, learning, inter-personal relations, multi-stakeholder engagement, and empowerment of different interest groups.
- Inculcate creativity and innovation among various actors in Agriculture and exhibit those characteristics themselves. They will provide visionary leadership, quality advisory services as managers or private consultants and support institutional change processes.
- Advocate, lobby, mobilize and manage resources (human, financial, physical, etc) for different institutions and communities.
- Influence policy development based on credible evidence and support implementation of those policies to benefit the targeted groups.
- Facilitate development and management of agricultural and rural value chains to benefit all the actors.
- Conduct impact oriented research that meets scientific quality and influences development change at the same time.
- Facilitate integration of scientific and indigenous knowledge and enhance its sharing and application.
- Design and manage participatory processes for effective project and programme implementation focused on social and economic benefits of the targeted groups.
- Produce and maintain a pool of researched information in Agro-ecology and related fields.

### **Eligibility**

1. Candidates seeking admission to the course leading to the award of the Ph.D degree shall normally possess a Master's Degree in a relevant area from a recognized Higher institution of learning. In exceptional circumstances, candidates can be admitted with relevant work experience and appropriate professional qualifications in addition to a First Class Bachelor's degree.
2. Candidates are required to submit a preliminary research proposal/concept note and copies of published/concept note and copies of published academic work (dissertations not inclusive).
3. Acceptance is dependent upon the candidate's proposal receiving favourable reports and s/he will be called for an interview. If the admission panel deems the candidate's work satisfactory, s/he will be admitted as PhD student. If the panel is not satisfied with the proposal, a revised proposal may be submitted within a specified period.

<b>Year I: Semester I</b>		<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
PAE 7101	Systems Philosophy and Applications	45	60		75	5
PAE 7102	Knowledge systems for Agro ecological	30	30	60	75	5

	interventions					
PAE 7103	Advanced Research Methodology	30	30	60	75	5
<b>Electives</b>						
PAE 7104	Agroecology in Perspective	30	30	60	75	5
PAE 7105	Geographical Information Systems and Remote Sensing in Agro ecology	15	30	90	75	5
<b>Year I: Semester II</b>						
PAE 7201	Ecologies of Production: Concepts, Applications and Implications	30	30	60	75	5
PAE 7202	Statistical Methods for Decision Making	30	30	60	75	5
PAE 7203	Pedagogy and Graduate Seminar	30	30	60	75	5
PAE 7204	Thesis/Dissertation		100	200	300	20

### Key

4. **CU=Credit Units, LH=Lecture Hours and PH=Practical Hours, 1CU=15LH and 1CU=10PH**

### DISANCE LEARNING ACADEMIC PROGRAM

Semester One	August-November
Semester two January	April
Reading Period	May/June
Exam Assessment & Introduction of modules	July
Coursework submission schedules semester one	1 <sup>st</sup> week of December
Coursework submission schedules semester two	1 <sup>st</sup> week of May
Submission at the Faculty office	
<b>Research Dissertation guidelines</b>	
Year 1: Sem II: Identifying researchable title	April
Year II: Sem I: Development of research proposal	November
Year II sem II: Approved research proposal for implementation	April
Year III sem I: Data collection (fieldwork)	November
Year III sem II: Draft dissertation development	April
Year IV: sem I: Final Dissertation submission 3 copies hard cover bound green	November
Semester II: Dissertation Assessment	April

### University fines

**Late coursework submission fine: UGX 50,000 per module after submission deadline**

**Late dissertation submission fine: UGX 250,000 charged after submission deadline date**

## **FACULTY REGULATIONS**

- i. Students are expected to attend and participate in classes regularly, take tests as determined by staff, and submit course work at the specified times. Lecturers are not obliged to accept work submitted after the date given, or to grant extensions.
- ii. Students absent from class for more than three consecutive days should inform the Dean of the Faculty through the Faculty Administrator.
- iii. All students are expected to follow the general rules of academic honesty.
- iv. Research and fieldwork papers should be the original work of each individual student
- v. Projects papers which contain copied work of other student's work will not be marked.
- vi. Students who have academic or other issues, should first consult with their academic advisors.
- vii. Issues that cannot be dealt with at that level should then be addressed to the Faculty Dean or Assistant Registrar, who may bring the matter to the Faculty Board for recommendation to the University Senate for further management and decision.
- viii. All students are reminded that Uganda Martyrs University upholds a policy of non-discrimination, especially on the grounds of social status, gender, race, tribe or disability. Students who do not comply with the University policies will face strict disciplinary sanctions.

## **Language Proficiency**

Students who completed their secondary school education in a language environment other than English must provide proof of English proficiency or take the English Language course offered by the University in August before Year I.

## **Extra-curricular Courses**

After consultation with your academic advisor/mentor, any student intending to take a course outside the Faculty curriculum or an additional course within the Faculty curriculum must seek permission from the Dean of the Faculty. Permission will be granted if the Faculty Board judges that the extra course will not affect adversely the student's performance in the prescribed courses and examinations.

## **Assessment Regulations**

All Faculty assessment regulations should be read together with the general University regulations. The final assessment exercises take place at end of every semester; special and supplementary examinations can be granted depending on the reasons presented. Students who

attempt to compromise their academic integrity by cheating in final assessment exercises or supplementary examinations, will not be permitted to complete any further assessment exercise or examination in that session, and will be subject to disciplinary sanctions, by the Academic irregularity committee including immediate expulsion from the University.

### **Students evaluation exercise**

Course evaluations will be carried out every mid semester and end of semester for full time students, at the end of revision of module session for distance learning students, modular evaluations for postgraduate students. Online course evaluations is encouraged.

***NB.** No students will be allowed to sit examinations if they have not accomplished the online evaluation exercise*

### **Course assessment and examinations regulations**

Examination regulations fall under the general framework of Uganda Martyrs University Examinations Regulations. Examination papers for each course unit last for three hours

Each course is assessed on a total of 100%with proportions as follows:

- |                                       |     |
|---------------------------------------|-----|
| i. Coursework (continuous assessment) | 50% |
| ii. Written examination               | 50% |

Both coursework and final assessment must be passed independently in order to pass a course.

Coursework or continuous course assessment consist of assignments and/or tests per module per semester. Each module is then graded out of a maximum of 100% and assigned appropriate letter grades and numerical grades.

### **NB:**

Coursework assignments will always have eight compulsory application questions distributed across all units. Class attendance is also considered as part of continuous assessment. For a student to qualify to sit final assessment, s/he must attend atleast 66.7% of the class. Any student who would not have attended the minimum level will not be allowed to sit final assessment  
Final exam questions will always comprise 8 questions selected across all units and students shall attempt any four (4) questions. All question carry equal marks.

There shall be University Final Assessments in all the courses offered during each academic year. First Semester courses will have a final assessment at the end of the First Semester during Assessment Week. Second Semester courses will have a final assessment at the end of the Second Semester during Assessment Week. Visiting lecturers may set their papers and assess candidates when they complete their courses.

Students who attempt to compromise their academic integrity by cheating in University assessments, will be subject to stringent disciplinary sanctions by the Academic irregularities committee including expulsion from the University.

In case a student is not satisfied with the final assessment marks, he/she can apply to the Dean for a remark to be done upon payment of a fee per exam as determined by the university policy.

### **Promotion**

Student must pass all courses before proceeding to the next year of study. A student, who fails a supplementary examination, will be required to repeat that course before being promoted to the next year of study. If the student passes the course, the mark on the transcript shall read the exact mark with an indication that it was passed after retake.

### **Special Examinations/Assessments**

- a) A student who is unable to do any final assessment during Assessment Week by a medical condition as may only be testified by an approved Medical Practitioner/University Nurse
- b) The report of practitioner or nurse may be considered by the Faculty Board and by Senate in their absolute discretion as genuine, thereby allow the affected student to take special examinations in each of the courses involved before being promoted to the next year of study
- c) For a third year student before being awarded a degree. In both cases, the transcript will bear the actual mark gained.
- d) Special examinations are normally held in August prior to the next Academic Year
- e) A student may take supplementary examinations in a maximum of six courses in an academic year.
- f) Students who are sick during time for assessment exercises are advised to officially write to the Dean with documented evidence applying for special examinations. However if the student proceeds to take the assessment and fails the course they will normally be required to take a supplementary examination.
- g) Missing an examination without prior communication is abscondment and leads to repeating a course.
- h) Students who obtain a final assessment mark below 30% will not be allowed to take supplementary examinations. They will retake that course when next offered.
- i) When a candidate fails a final assessment examination on the first attempt and is below 49% but above 30%, he/she has to sit for supplementary examination.
- j) Any candidate who fails a supplementary will have to repeat the course for which the examination was set.
- k) Where a student repeats more than one course, the student will not proceed to the next academic year of study until he/she passes both the course work and final examination in the course(s) being repeated. However a student with only one retake in a year will proceed to the next year of study while retaking the failed course.

- l) Should a candidate fail a repeated course, such a candidate is given the last chance to sit a supplementary examination of that retake after which the student is discontinued in case he/she fails.

### **Special Cases**

A student may be permitted to repeat the year at the discretion of the Board/Senate if:

- There are special or medical circumstances such as to convince the Board of his/her academic merit and circumstances are such that the student is likely to do well if this concession is granted.
- He/she fails more than half the courses offered in an academic year. For instance failing more than 7 courses in the first year or failing more than 8 courses in the second year.

### **Discontinuation**

A first or second year student normally shall be required to discontinue his/her studies if:

- a) She/he fails more than half of the courses in that academic year. For example failing 8 course units and above out of 14 courses is more than half. This student will be discontinued
- b) She/he fails a supplementary examination in a repeated year.
- c) No student will normally be allowed to spend more than 2 years after the expiration of the duration of the course.
- d) For example a student is not allowed to spend more than 5 years on a 3-year programme or more than 4 years on a 2 year programme.

### **Grading System**

1. The pass mark for the Postgraduate Programmes which has been raised from 50% to 60% will have an effect on both continuous and final assessments of all the modules. Considering the UMU Policy of 50% coursework and 50% final assessment, this means that a student will be considered to have passed coursework after scoring 30 out of 50 instead of 25 out of 50 as the practice has been. This implies that a student who scores a mark below 30% in the coursework would retake the failed module. As for the final assessment, the pass mark is now 60% instead of 50%, and it implies that a student who scores below 60% qualifies for a supplementary exam in that module and below 30% a retake.
2. All the Postgraduate Result Letters for the students admitted from 2015/2016 and 2016/2017 Academic Years will be re-issued to match with the new grading guidelines.

3. All Postgraduate and Undergraduate students results will be graded as shown in the following table:

<b>NCHE Assigned Grades</b>		
<b>Marks</b>	<b>Alpha grade</b>	<b>Grade Point</b>
80 – 100	A	5.0
75 – 79	B+	4.5
70 – 74	B	4.0
65 – 69	C+	3.5
60 – 64	C	3.0
55 – 59	D+	2.5
50 – 54	D	2.0
00 – 49	F	0.0

**CGPA Classification for Postgraduate Awards will now be as follows;**

<b>Class</b>	<b>CGPA Range</b>
First Class	4.50 – 5.00
Second Class (Upper Division)	4.00 – 4.49
Second Class (Lower Division)	3.50 – 3.99
Third Class (Pass)	3.00 – 3.49

**CGPA Classification of Awards for Undergraduate Bachelor Degrees will now be as follows;**

<b>Class</b>	<b>CGPA Range</b>
First Class	4.40 – 5.00
Second Class (Upper division)	3.60 – 4.39
Second class (Lower division)	2.80 – 3.59
Third Class (Pass)	2.00 – 2.79

**CGPA Classification for Diploma and Certificate Awards will now be as follows;**

<b>Class</b>	<b>CGPA Range</b>
Class I (Distinction)	4.40 – 5.00
Class II (Credit)	2.80– 4.39
Class III (Pass)	2.00 – 2.79

### **Finances**

- a) All student fees must be completed prior to each Reading Week before final exams start.
- b) All students who have not paid fees prior to the final assessment must vacate the campus and not return until this is done. If they do not pay in time they should write to the Registrar through the Dean requesting for special exams in August as final assessment.

- c) All students who have to do supplementary examinations will pay an examination fee per exam as determined by the university
- d) Students who withdraw from the University or who are discontinued from studies are required to settle all outstanding bills with the Finance Department and return their Identity Card to the Registrar's Office.
- e) Students who have outstanding bills at the end of the academic year will not receive assessment results until all accounts are paid in full. Before a final degree or certificate can be awarded, all students are required to settle outstanding accounts.

### **Illness During the Third year Assessments- AEGROTATDE Degree without honours**

When a student has successfully completed first semester of final year, taken two assessments of each course in the second semester of final year, and is prevented from taking the final assessments in the courses in second semester by medical conditions as certified by an approved medical practitioner, the Senate on the recommendation of the Faculty Board, may at its discretion and upon receipt of an application from the student recommend the award of the degree or diploma aegrotat provided that the student's marks in the continuous assessments are such as to show that s/he would have been very likely to pass had s/he completed the final assessments. The aegrotat degree shall be awarded without honours.

### **Honesty and Assignments**

All students are expected to follow the general rules of academic honesty. Essays and research papers should be the work of each individual or a group of particular individuals if it is group work. Any form of dishonesty, cheating, or plagiarism is a serious violation of the norms of academic honesty, and will be dealt with severely. Essays, which are copied, will not be marked and will automatically receive a zero. For a first offence of plagiarism, a student will receive permission to re-submit an assignment. If the assignment passes, the mark will be recorded as 50. A second offence will result in course failure. Therefore, be sure to document all sources you quote, paraphrase, and/or summarize in your work. Note that putting other people's ideas into your own words is also borrowing and you must cite your sources.

In dissertations and projects, therefore, a student is required to acknowledge all sources. Direct copying without acknowledgement will result in the work being rejected, if a lecturer/ supervisor suspects plagiarism whether intended or not, you may be called for an oral defence of your work before a panel. This defence will determine whether your work will be accepted or not. All written work and assignments submitted must conform to Faculty standards. Work which contains many spelling or grammatical mistakes or is badly written or presented, shall be resubmitted for assessment. Guidelines regarding the presentation of scholarly work are given at the beginning of your Degree course.



### **Academic Advisors/Mentors**

Every student enrolled in the Faculty will be allocated an academic advisor for the duration of her/his studies. The academic advisor is available for consultation on all matters regarding a student's academic work and social life. Students are encouraged to consult with the academic advisor on all matters regarding academic performance. Advisors will meet students early in the second semester to discuss results of the previous semester.

### **Library**

Each lecturer gives a list of recommended or required reading at the beginning of each course. Books held on reserve in the library are subject to strict borrowing conditions and fines are imposed for late return. Books should be treated with care as lost or damaged books must be paid for or replaced.

### **Problems**

Students who have problems, either academic or otherwise, should in the first instance consult with their academic advisor/Dean or the Assistant Registrar for Student Affairs. Academic problems, which cannot be solved at that level, should then be addressed to the Faculty Dean, who may bring the matter to the University administration.

### **Class Representatives**

Each class in the Faculty shall have class representatives. Class representatives meet with the Faculty Dean at set times each semester and class issues can be discussed at these meetings. In addition, once a semester, each class representative shall be invited to the Faculty Board meeting to discuss student-related matters.

### **Respect and Grievances**

All students are reminded that Uganda Martyrs University upholds a policy of respect and non-discrimination on the grounds of social status, gender, race, tribe, or disability. Students who do not comply with University policy will face strict disciplinary sanctions.

Students, who feel they have a grievance against or have been unfairly treated by a member of the University staff, should in the first instance outline the nature of their complaint in writing to the Dean of the Faculty, who may then refer the matter to the Registrar. Students who are the victims of sexual or other forms of harassment, either from a student or staff member, are encouraged to consult with the Assistant Registrar for Student Affairs or any other staff member. All details of such complaints will be kept strictly confidential.

## **Academic Freedom**

Academic freedom is an important element in the life of any academic community. Students and staff alike are reminded that such freedom cannot be compromised. Please listen carefully to your colleagues and respect their viewpoints. Try to express your opinion in a respectful manner and you will be listened to.

## **Withdrawal/Discontinuation**

A Student who wishes to withdraw from the university must inform the Dean of the Faculty and the Registrar in writing. A student who is discontinued from the university will be informed in writing by the Registrar. Students who withdraw from the University or who are discontinued from studies are required to settle all outstanding bills with the Finance Department and return all University property including their Identity Card to the Registrar's Office.

## **Withholding Results**

Students who have outstanding bills at the end of the academic year will not receive examination results until all accounts are paid in full. Before a final degree or certificate can be awarded, all students are required to settle outstanding accounts. Special and supplementary examinations cannot be taken unless the requisite fees are paid prior to each examination.

## **Transcripts and References**

Final transcripts will be sent by mail at the end of the degree or diploma course. Correct mailing addresses should be confirmed with the Assistant Registrar and the Administrator of the Faculty and you should address an envelope with your address. Duplicate transcripts or degree certificates can be obtained from the Registrar's office upon payment of the required fee. Students who require a member of the Faculty staff to act as referee are requested to consult the person concerned before the completion of C.V. and application forms. Please write or phone before coming to the university to collect references.

## **Compulsory Courses**

These are determined by the Faculty Board and University Senate. All students enrolled in the Faculty are required to follow courses in English Language, Communication Skills, Business English, Research Methodology, Scholarly Writing Skills, and Basic Computer Skills in various years of study. These courses must be passed before entry to the next year of study or before the degree can be awarded.

## **Examination Board**

The decision of the Faculty Board is final in all matters concerning the assessment of courses.

However, in extreme circumstances, appeal to Senate may be made if the Registrar deems such an appeal necessary or valid. The decision of Senate in all matters of appeal shall be final. The Faculty Board, in collaboration with the external examiner, shall deliberate on the final degree classification at the end of the degree course. The decision of the Faculty Board and the external examiner are final in all matters regarding degree classifications.

### **Payment of Fees**

Students who have not completed payment of fees by assessment registration time in each semester shall not be eligible to participate in the final assessment exercises and shall take special supplementary examinations during the next examination session in order to complete each course. A fee of Shs 40,000 shall be charged for each special or supplementary examination.

### **Submission of assignments For Distance Learning students**

Coursework assignments should be delivered to the Faculty of Agriculture –Main campus. Upon submission of your assignments, ensure that you keep a copy in case another copy is required. Endeavour to sign the submission sheet/records as evidence of delivery of coursework.

### ***Submission tentative dates***

Semester I: 1<sup>st</sup> week of December every year

Semester II: 1<sup>st</sup> week of May every year

### **Programme Structure for courses in Faculty of Agriculture**

<b>Code</b>	<b>Number</b>	<b>Course Name</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
AGD	1101	Agricultural Development	30	30	-	45	3
IME	1102	Introduction Micro- Economics	45	30	-	60	4
PFA	1103	Principles of Fundamental Accounting	30	18	12	45	3
IPA	1104	Introduction to Principles of Agronomy	30	-	30	45	3
CSC	1105	Introduction to computer Applications	30	-	30	45	3
ETH	1106	Introduction Ethics	45	30	-	60	4
ENG	1107	English Language	15		60	30	3
STA	1108	Introduction to Statistics	30		30	30	3

#### **Semester 11**

<b>Code</b>	<b>Number</b>	<b>Course Name</b>	<b>LH</b>	<b>TH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>
IAH	1201	Introduction to Animal Husbandry	30	-	30	45	3
RME	1202	Research Methodology	30		30	45	3
IMA	1203	Introduction Macro Economics	45	30	-	60	4
CLS	1204	Original and Critical thinking	15		60	30	3

LIT	1205	Literature and Composition	15		60	30	3
PPM	1206	Project planning and management	30	-	30	45	3
FPM	1207	Farm Planning and management	30	18	12	45	3
AIN	1208	Agribusiness Internship	15		60	30	3

### Year Two - Semester I

Code	Number	Course Name	LH	TH	PH	CH	CU
BMA	2101	Business Mathematics	30	30	-	45	3
REM	2102	Resource and Environmental Management	30	30	-	45	3
HRM	2103	Human Resource Management	30	-	-	30	2
COM	2104	Communication Skills	30	30	-	45	3
END	2105	Entrepreneurship Development	30	30	-	45	3
PEC	2106	Production Economics	45	18	12	60	4
SPM	2107	Strategic Planning and Management	30	30	-	45	3

### Semester II

Code	Number	Course Name	LH	TH	PH	CH	CU
MEC	2201	Managerial Economics	30	30	-	45	3
APA	2202	Agribusiness Price Analysis and Taxation	30	30	-	45	3
POM	2203	Production and Operations Management	30	30	-	45	3
IAT	2204	International Agricultural Trade	30	30	-	60	4
AMT	2205	Appropriate Agro-Mechanization Technology	30	-	30	45	3
AIM	2206	Agribusiness Information Systems Management	30	-	30	45	3
MDE	2207	Microfinance Development	30	30	-	45	3
AIN	2208	Agribusiness Internship	15		60	30	3

### Year Three - Semester I

Code	Number	Course Name	LH	TH	PH	CH	CU
FNS	3101	Food and Nutrition Security	30	30	-	45	3
AGF	3102	Agribusiness Finance	30	30	-	45	3
AGE	3103	Agricultural Extension Education	30	-	30	45	3
COB	3104	Consumer Behavior	30	30	-	45	3
ARM	3105	Agribusiness Risk Management	30	30	-	45	3
AMM	3106	Agricultural Marketing Management	30	30	-	45	3
RSC	3107	Rural Sociology and Community Psychology	30	30	-	45	3
AGO	3108	Agribusiness Outreach	15		60	30	3

### Semester II

Code	Number	Course Name	LH	TH	PH	CH	CU
ROB	3201	Relations & Organizational Behavior	30	30	-	45	3
PSC	3202	Procurement & Supply Chain Management	30	30	-	45	3
PAE	3203	Professional and Applied Ethics in Agriculture	30	-	45		3
DEV	3204	Rural Development	30	30	-	45	3

AGM	3205	Agribusiness Management	30	30	-	45	3
ALP	3206	Agricultural Law and Policies	30	30	-	45	3
BCO	3207	Business Communication	30	30	-	45	3
RMT	3208	Research Dissertation	75	-	-	75	5

## INFRASTRUCTURE AND STUDENT SUPPORT SERVICES

Uganda Martyrs University, Faculty of Agriculture possesses enough teaching and learning infrastructure to handle its programmes:

**Class Rooms and Equipment:** There are designated blocks and a rooms for postgraduate and doctoral students.

**Library:** located inside the Main Campus, the Archbishop Kiwanuka Memorial Library boasts of a large stock of hard copy books, e-books as well as a variety of e-resources computed to 19 data bases including AGORA, TEEAL, CABI and others that provide quality online journals. Other UMU campuses and affiliates have their own libraries. The library staff is very dedicated in providing the following services to our staff and students:

- to acquire new books after a list has been made
- to help us get access to e-resources
- to inform us of new books and journals that they have acquired

**Equator Valley Farm:** is located just 2km from UMU Main campus. The Farm is fully owned by the University and is the home of the Faculty of Agriculture. The farm has a number of enterprises including dairy cattle, piggery unit, free range chicken as well as goats. These enterprises are basically for teaching/research but aim at making some profit for purposes of sustainability.

**The Organic Demonstration Unit:** is located 6km from the UMU Main Campus at Kalagala village. The unit is used as a crop experimental unit to demonstrate to the students but also to the surrounding farmers the practicability of organic theories and principles. Each student is allocated a plot on the farm for this purpose. Work is monitored by supervisors and farmer field days are organized to showcase the activities of the students. An Apiary unit is run in the bushy part of the demonstration unit for research on honey bees.

**The Environmental Eco-site:** is located just next to the Equator valley Farm occupying the swampy section of the valley. The eco-site boasts of indigenous ornamental, medicinal plants, indigenous herbs, shrubs and grasses, a variety of interesting fishes, reptiles, amphibians and birds. Small mammals like squirrels, rabbits, porcupines and mole rats are also present. The valley is a breeding ground for important birds like the crested Crane. The eco-site is a learning center for University students of agriculture, health sciences, development studies but also primary and

secondary students interested in conservation. The Eco-site is also a source of local materials like water, firewood as well as medicine for the surrounding people who are sensitized to harvest them sustainably.

**Research Directorate:** coordinates research and publication for students and staff. An annual conference is organized for presentation of research findings of both students and staff. Findings are published in local Journals like the Journal of Science and Sustainable Development which is hosted and printed at UMU.

**Directorate of Outreach:** is the University entity through which the University research is carried out in collaboration with the surrounding populace. The Directorate coordinates internships, attachments but also dissemination of research findings. The Faculty of Agriculture works closely with the Directorate to solicit for research needs of the farmers and producers and also to show case new technologies developed.

**Quality Assurance Directorate:** ensures that outcomes of academic programmes and non-academic activities are of a prescribed standard. QAD is a member of the Curriculum Review Committee and take part in the appraisal of courses and review of programmes before it is forwarded to Senate and NCHE for approval and accreditation.

**The School of Postgraduate Studies:** coordinates all postgraduate programmes at UMU. The mission of the School is to promote quality postgraduate training and research that engages with policy as a response to local, national and global issues for holistic development. The School will work closely with the Faculty in the admission process and through the Higher Degree Committee in vetting of concept papers, PhD Seminars, PhD workshops, Research Supervision, PhD Research Progress Panel, External Examination and International exchanges where possible

## **STUDENTS' SPECIAL RESEARCH PROJECTS**

These are the traditional B.Sc., and M.Sc. theses. However, use of more action research as an approach, compared to what is traditional is emphasized across the board. It is anticipated that students who emerge from all the faculty programs will be more likely to incorporate mixed methods from biological, physical, and social sciences in their research. Therefore, each student needs to link their studies with farm ecosystems. Identified constraints will be addressed using existing knowledge and skills, while those without a solution will be prioritized by the student together with the farmer, and the most important and researchable constraint will be investigated by the student. Each student will have the freedom to handle issues in his/her best competence. Both analysis of results and research outputs will be written and submitted in a dissertation for assessment.

Students will be expected to write a final thesis/dissertation on their chosen work. The area of research will be chosen with the support of the major adviser. Students will be expected to show mastery of their field by applying methods and tools learnt in the bachelors and Masters Course of study. A dissertation topic shall be agreed upon and approved by the faculty of agriculture at the beginning of the period of concentration. The student will submit a dissertation that meets the University's dissertation requirements. A candidate at masters' level will be required to attend a viva voce. This will only be allowed if his/her dissertation has been marked and he/she has obtained the pass mark. A candidate may, upon the recommendation of the examiners and supervisor be permitted to re-submit a corrected dissertation which they had previously failed.

**These dissertations should conform to the following:**

- The text should be in Times New Roman, font size 12 and double spacing. It is only the abstract that is single spaced. All margins should be set at 2.45 cm (1 inch).
- The dissertation should consist of a minimum of 50 pages (2000 words) excluding the preliminary pages, appendices and illustrations. This also applies to diagrams, tables, charts etc.
- The citation or referencing should be the **Harvard style 2010**. All statements, opinions, conclusions, etc taken from another author or writer's work should be acknowledged, whether the work is directly quoted, paraphrased or summarised. In the Harvard style, cited publications are referred to in a defined format.
- The research topic should be business biased, should accurately reflect the scope and content of the study in not more than 20 words, which should be descriptive and distinct to the readers.
- The University has zero tolerance for plagiarism in research dissertation

**The Structure of Research Work Presentation**

**Sample Cover Page of Research Work**

The following is a sample of the cover page for your research paper/dissertation. **Please ensure that your cover page follows this format exactly. The presentation depends on the type of research and topic of study**

**The Importance of Good Research Presentation (your study title)**

**Case Study: Uganda Martyrs University**

**Your name**

**UMU ID card Registration Number**

**Uganda Martyrs University**

**Sample of the title page inside the book**

The following is the sample of the title page inside the book. **Please ensure that your title page inside the book follows this format exactly. The presentation depends on the type of research and topic of study**

**The Importance of Good Research Presentation (your study title)**

**Case Study: Uganda Martyrs University**

**An undergraduate/A postgraduate dissertation presented to Insert the name of your faculty in partial fulfillment of the requirements for the award of the degree – write in full Insert title of course of Uganda Martyrs University**

**Your name**

**UMU ID Card Registration Number**

**Month and Year**

**Research Methods**

There are many ways to do research and you will be introduced to these methods in the methodology courses. You may decide to take qualitative, quantitative, or a mix of the two methods of research, or you may decide to do library research. You may also decide to start with a research question and attempt to create theories rather than make use of existing theories (grounded theory). However, whichever method you choose, we encourage you to be creative. Please discuss your method fully with your supervisor.

At the end of the methodology course, you will submit a one-page summary of the proposal to the faculty through the course lecturer(s). The full research proposal is submitted to the research lecturer and constitutes the course work for the course. If your research is approved, you will be allocated a supervisor who will assist you while you prepare and write up the research. We advise you to read widely in your chosen area. Once your approach has been approved by your supervisor, you may proceed with data collection.

Once the data collection period is completed, it is time to present, and analyze the data. Please ensure that you keep careful records while in the field and ensure your sample is large enough to allow for concrete analysis and recommendations. At this stage of your work, you should still be reading as much as possible in order to present the background/theories to your research and link your findings with current academic debates and research.



When you are analyzing your data, you must do so in the light of the current scholarship. Be precise in terms of how you use secondary sources to support (or even refute!) your findings. Your use of literature in the area of your study is extremely important and you must be as familiar as possible with current.

Supervisors expect to see each individual part of your research as they are completed. Submit your work early and allow ample time for supervisors to read individual chapters. The full research work should be submitted on the date stipulated. Please ensure that all the work submitted to your supervisor is quality work that has been carefully proofread and corrected to eliminate grammatical, typological, and formatting errors. Your supervisor is not your proofreader. Also remember that supervisors may need up to three weeks to read a full draft, so ensure that you allow them enough time to read your work and to return it to you for correction before final submission for examination.

Supervisors have the right to refuse permission for you to submit research that is not up to the required standard. You should note that it is advantageous for you to meet all deadlines with quality work. Supervisors keep detailed supervision records and you should sign this record each time you consult with your supervisor.

#### **Failure to submit dissertation**

Students who fail to meet the deadline for submission of dissertation but are granted permission to submit within the examination period will pay late submission fee as fixed by the university finance office. **Re-registration:** Students who fail to complete dissertation within the scheduled time will have to re-register in the following academic year. Such a student will pay a re-registration fee as fixed by the finance office.

#### **Research submission deadlines for Distance learning students**

<b>Year</b>	<b>Semester</b>	<b>Activity</b>	
Year I	Semester 2:	Identification of Researchable topic and allocation of Research supervisor	April
Year II	Semester 1	Draft research proposal development	November
	Semester 2	Final Research proposal submission	April
Year III	Semester I	Research Data Collection (Field work)	November
	Semester II	Draft research dissertation submission	April
Year IV	Semester I	Final Research dissertation submission	November
		Assessment of Dissertation	April

## **Presentation of Work**

All work should be printed on good-quality paper, size A4 and one side of the paper only. The text should be typed using double spacing and the text should be fully justified using the font Times New Roman (12 point). Long quotations, that is, more than four lines of text, should be indented and typed in single spacing without quotation marks. All margins should be set for 2.45cm (1 inch). As far as possible, please ensure that you use gender inclusive language. Please note that papers, projects, and dissertations are also marked for English language.

## **Enhancing Text**

The first page of each chapter: centre the number of the chapter in bold capitals. Leave one line and then centre the title of the chapter in bold capital letters. Leave two lines and begin typing. Headings and sub-headings within a chapter should be typed at the left margin in bold letters (not capital) and should be numbered serially using Arabic numbers, e.g 1,2, 1.2.1.

You may or may not tab in the first line of the paragraph. Make sure to follow the rule of one space after all punctuation, including full stops. Before submitting your diskette for printing, spell check your document. The final copy is to be laser printed.

### **Order of Presentation**

Title page

Dedication (optional)

Acknowledgements

(these pages should **not** be included in the table of contents and should be numbered using Roman figures.

List of acronyms

List of tables

Table of contents

Abstract (not more than one page, single spaced)

Chapter 1, (start numbering with Arabic figures)

Chapter two

Chapter three

Chapter four

Chapter five

Appendices (maps, questionnaires, list of people interviewed and respondents should be numbered as 1, 11, 111 etc

Bibliography – your bibliography is not an appendix and is the last item to be inserted in your work.

## **Dissertation Format**

Cover page

Approval

Dedication

Acknowledgement

Table of contents

List of tables

List of figures (if any)

List of Abbreviations

Abstract

### **CHAPTER ONE: GENERAL INTRODUCTION**

1.0 Introduction

1.1 Background of the study

1.2 Statement of the problem

1.3 Objectives of the study

1.3.1 Major objective

1.3.2 Specific objectives

1.4 Research questions or hypothesis

1.5 Scope of the study

1.6 Significance of the study

1.7 Justification

1.8 Definition of key terms

1.9 Conceptual framework (if you did not use the theoretical framework)

### **CHAPTER TWO: LITERATURE REVIEW**

2.0 introduction

Sub-section in this chapter are in line with specific objectives

Theoretical framework (if used)

### **CHAPTER THREE: RESEARCH METHODOLOGY**

3.0 Introduction

3.1 Research Design

3.2 Area of the Study

3.3 Study Population

3.4 Sampling Procedures

3.4.1 Sample Size

3.4.2 Sampling Techniques

3.5 Data Collection Methods and Instruments

Highlight them as used with explanations and justifications

3.6 Quality Control Methods

3.7 Data Management and Processing

3.8 Data Analysis

3.9 Ethical Considerations

3.10 Limitations of the Study

Note that the contents of this chapter may vary with the type of research

#### **CHAPTER FOUR: RESULTS AND DISCUSSION**

4.0 Introduction

Present in line with the research objectives

4.1 Conclusion

#### **CHAPTER FIVE: SUMMARY, CONCLUSIONS AND RECOMMENDATIONS**

5.0 Introduction

5.1 Summary of Findings

5.2 Conclusions

5.3 Recommendations

5.4 Suggestions for Further Research (if any)

#### **References / Bibliography**

##### **Appendices**

Appendix 1

Appendix 11

Appendix 111

**NB:** everything put in italics and underlined and / or brackets is for explanatory purposes but not part of the structure. Those doing Library Research shall discuss the structure with their supervisors.

##### **Binding Theses/Dissertations**

After marking of the dissertations, students will be requested to make necessary adjustments thereafter bind hard cover books in colour army green. Three copies plus a CD should be submitted.

## UGANDA NATIONAL ANTHEM

O, Uganda, may God uphold thee, we lay our future in thy hands.  
United free, for liberty, together we'll always stand.

O, Uganda the land of freedom, our love and labour we give and with neighbors' all at  
our country's call in peace and friendship we'll live.

O, Uganda the land that feeds us, by sun and fertile soil grown for our own dear land  
we'll always stand, the Pearl of Africa's crown

## UGANDA MARTYRS UNIVERSITY ANTHEM

Inspired by those whose name we are called the Martyrs of Uganda: source of our  
strength, our courage and our hope: guide us in virtue to lead the world  
Virtute et Sapientia!

May we remain faithful to the name; Uganda Martyrs University; a place of love, where it  
is good to be; guide us in wisdom to lead the world  
Virtue et Sapientia!

## EAST AFRICAN COMMUNITY ANTHEM

1. Ee Mungu twaomba uilinde, Jumuiya Afrika Mashariki, Tuwezeshe kuishi kwa amani  
Tutimize na malengo yetu.

### Chorus

Jumuiya Yetu sote tuilinde, Tuwajibike tuimarike, Umoja wetu ni nguzo yetu, Idumu  
Jumuiya yetu.

2. Uzalendo pia mshikamano, Viwe msingi wa Umoja wetu, Natulinde Uhuru na Amani  
Mila zetu na desturi zetu.

### Chorus

3. Viwandani na hata mashambani, Tufanye kazi sote kwa makini, Tujitoe kwa hali na  
mali

Tujenge Jumuiya bora.

### Chorus

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