



Kenyatta University

Student Catalogue 2018-2022

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Kenyatta University

Teaching Programmes and Publications Section

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UNIVERSITY FUNDAMENTAL STATEMENTS

Vision Statement

The vision of Kenyatta University is to be a dynamic, inclusive and competitive centre of excellence in teaching, learning, research and service to humanity.

Mission Statement

The mission of Kenyatta University is to provide quality education and training, and to promote scholarship and innovation for sustainable individual and societal development.

Identity Statement

Kenyatta University is a community of scholars committed to the generation and dissemination of knowledge and cultivation of wisdom for the welfare of society.

Philosophy Statement

Kenyatta University's philosophy is sensitivity and responsiveness to societal needs and the right of every person to knowledge.

Core Values

Truth
Excellence
Creativity
Self-Reliance
Innovativeness
Integrity
Service to Humanity

VICE-CHANCELLOR'S MESSAGE



It is my pleasure to welcome all of you to Kenyatta University. In order to help you plan effectively for a thrilling academic adventure in this University, I urge you to carefully read this catalogue. The catalogue contains very vital information that will assist you to make the right choices and decisions in the course of scholarly journey at Kenyatta University.

This catalogue gives details of the Schools, Departments and study programmes you have been admitted to; an exhaustive list of units you will be required to take from the first to the final year of study, and semesters in which they are offered. The catalogue also provides you with an overview of the unit loads per academic year and the total load required for you to qualify for graduation. This catalogue is therefore your full academic menu for the study programme you are pursuing. If you read it well, it should help you keep tabs on your progress, and even plan ahead.

Since the semester is the basis of unit teaching, the Directorate of Time-tabling and Unit Scheduling will generate teaching time tables in good time to enable you commence lectures on time at the beginning of each semester. On your part, you should

ensure that you identify the units you plan to take and register for them online within the given deadlines every semester.

At Kenyatta University we always endeavour to provide you with a wide variety of marketable programmes in line with the needs of the highly competitive world of work. This is meant to not only prepare you for your first encounter with the labour market, but even more importantly, to develop you into a dynamic, life-long learner and agent of change in a rapidly changing multi-cultural world. The University will continue to expand its programmes to accommodate global trends in quality assurance, and to adopt value-adding modes of delivery, as we endeavour to realize our mission of becoming a centre of academic, research and innovation excellence in the region and beyond. As you embark on your varied academic journeys, I urge you to make choices that will add value to your overall study programmes and life at the University.

Information on support services offered in directorates, centres and units is also included in this catalogue in order to help you venture into other fields that will enhance your holistic development. It is important for all students to note that the skills, knowledge, experience and values you will gain from co-curricular activities while studying at Kenyatta University will add great value to your academic and career pursuits. I therefore encourage you to embrace them fully, for they will make you a better person.

Remember that commitment and a positive attitude are important ingredients of success in your chosen fields of study. You will reap great dividends if you stay focused on your goals and the path towards achieving them.

Prof. Paul K. Wainaina
VICE-CHANCELLOR,
KENYATTA UNIVERSITY

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GENERAL ACADEMIC INFORMATION

Admissions, Fees and Financial Requirements

For all Government sponsored undergraduate degree courses, applications should be addressed to:

The Secretary
Kenya Universities and Colleges Central Placement Services
P.O Box 105166-00101
Nairobi
Website: www.kuccps.kuccpsi.ac.ke
Email: info@kuccps.ac.ke
Telephone: 0723 954 927, 0734 879 662.

All other applications for admission, on prescribed forms, should be addressed to:

The Registrar (Academic)
Kenyatta University
P.O. Box 43844 - 00100
Nairobi.

Admission requirements are stated in the Kenyatta University Statute XLIV.

Entry Requirements for Undergraduate Degree Courses

1. Applications for admission shall be sent to the Registrar (Academic) on prescribed forms. Note that the minimum requirement is Grade C+ in the Kenya Certificate of Secondary Examination (KCSE) or equivalent. In addition, applicants must meet specific degree requirements for each programme.
2. The entry requirement set should be regarded as the minimum which, in no way entitle an applicant to a place at the University or for admission into any degree programme.

Occasional Student

1. Limited opportunities occasionally arise for the admission of a few students to pursue parts of courses within a discipline, or in more than one discipline, and a combination, which does not constitute a programme for the purposes of the award of a degree of the University. Candidates admitted for such a programme are known as occasional students.
2. To qualify for admission under this category, candidates must:
 - a) Satisfy the normal minimum entrance requirements, or offer alternative equivalent qualifications satisfactory to the Board of the School concerned, and
 - b) Produce evidence of being a student in another university.
3. The tenure of occasional studentship is normally up to a maximum of one academic year.

4. It should be noted that students admitted under this category are evaluated either by course work or university examinations.

Postgraduate Courses

1. A bachelor's degree with Second Class Honours (Lower Division) or equivalent qualification from a recognized university.
2. Admission requirements and regulations for all postgraduate programmes appear under the Graduate School.

Library Services

Kenyatta University Library offers one of the most critical services in the University. Library services are offered at the Post-Modern Library located at the Main Campus and at Ruiru, Parklands, Kitui, Mombasa, Nairobi City Centre, Nakuru, Nyeri, Kericho and Embu campuses.

The Kenyatta University Post-Modern Library is a five (5) storey building which is equipped with state of the art information and knowledge resources for high quality services. The primary role of Kenyatta University Library is to innovatively participate in the teaching, learning and research activities of the University through the provision of information resources and services. Thus it serves as an information resources and services Centre, where information is acquired, organized, stored, disseminated and used by all those who seek to learn, discover and create new knowledge.

It offers a user centred, subject based information service, and is organized under four major subject groups: Education, Library and Information Science, Social Sciences, Humanities, and Science and Technology, which includes Health Sciences. Other special services include Research and Special Collections and Special Needs Section which uses assistive technology to empower users with special needs for example, the blind, hearing impaired and physically challenged.

The Library is automated using KOHA Library Management System. It has an Online Public Access Catalogue (OPAC), computer labs, instruction rooms, group discussion rooms as well as study carrels on every floor. There is both wire and wireless connections within and around the building which gives users internet access using over 300 computers in the library and also their laptops. In addition, the Library has a variety of information resources: microfilm/microfiche readers, over 460,000 volumes of books, periodicals, cassette tapes, films, photographs, Braille books, CDs and online database (e-books and e-journals). The Library has a seating capacity of 6,000 readers.

The Library uses social media to effectively communicate with its users. These are Facebook (@Kenyatta University Library), twitter (@KU_PML), live chat (chat.ku.ac.ke) and email (askalibrarian@ku.ac.ke). It continuously conducts library orientation and information literacy training to empower library users to make good use of the various information resources.

UNDERGRADUATE INFORMATION AND PROGRAMMES

Admission Requirements and Procedures

The guidelines given here may be supplemented by circulars from Senate from time to time.

Undergraduate Programmes

Kenyatta University admits two categories of students for its undergraduate programmes:

- a) Students admitted through the Kenya Universities and Colleges Central Placement Services (KUC-CPS).
- b) Students admitted through Self Sponsored Programmes at certificate, diploma and undergraduate levels in all modes of study. Details are available at the respective Schools, Institutes, Departments, Campuses, Regional Centers and the University Website.

Duration of the Programme

The programmes extend over a period of four (4) academic years except for medicine, six (6) years; Pharmacy, five (5) years; and Engineering, five (5) years.

University Fees

Apart from tuition fees, all students shall pay statutory fees for the following items per academic year as approved by Senate from time to time:

Registration

Examination

Activity

Identification Card

Caution Money (payable once)

Medical

Library

KUSA subscription

The total fees payable will be indicated in the letter of admission.

Mode of Payment

All payments shall be through deposits in the following Kenyatta University accounts:

National Bank of Kenya,
Kenyatta University Branch,
A/c no. 0100359150800

Equity Bank
Kenyatta University Branch,
A/c no. 0180290518859
P.O. Box 75104-00200, Nairobi, Kenya.

Co-operative Bank of Kenya,
Ruiru Branch,
A/c no. 0112962461400
P.O. Box 48231-00100, Nairobi Kenya.

Family Bank
Githurai Branch,
A/c no. 045000023316
P.O. Box 74145-00200, Nairobi, Kenya.

After depositing the money in the above accounts, pay-in slips must be presented to the Cashier, Kenyatta University for issuance of an official receipt. The University will not accept cash, personal cheques, institutional cheques, bankers' cheques and money or postal orders.

Accommodation

There is limited accommodation in the campuses at a fee. A student who wishes to stay in the University Halls of Residence will be required to apply for it. For more information, visit our website: www.ku.ac.ke

Catering

The University operates students' catering services where food is sold at subsidised prices on a pay as you eat system. Each student is expected to have a minimum of Kshs.18, 000.00 per academic year to cover catering expenses. (Figures to be revisited)

Books and Accessories

A student is required to purchase books and other accessories according to the demands of the programme. A student will need a minimum of Ksh. 9,000.00 per academic year.

Loan Assistance

Students may apply directly to the Higher Education Loans Board (HELB) for assistance to meet part of tuition, accommodation and book costs. Priority is given to needy students.

Postponement of Admission

A new student will, on written request, be allowed to postpone admission for a maximum of two academic years.

Inter/Intra School Transfers

A first year student who wishes to apply for inter/intra school transfer will apply using prescribed forms (available from the Registrar (Academic's office) within the first three weeks of the semester. The Deputy Vice-Chancellor (Academic) will consider the application and the response will be communicated to the respective student by the Registrar (Academic).

Semester Off

A duly registered student who wishes to take a semester off will apply in writing to the Registrar (Academic) within two weeks and for Institutional Based Programme within the first week after the registration deadline. The response to the application will be copied to the Dean of the School, the Director of Student Affairs, Health Services; Students Finance and Director, Accommodation Services.

Registration

Each student must register for every semester within the time allocated for registration. Each student will be expected to maintain registration until completion of the programme.

Registration will be considered complete only after the student has fulfilled financial obligations and registered for units online.

Withdrawal from a Unit

A student who wishes to withdraw from a unit will do so within the registration period of the semester/session by completing withdrawal forms which are issued by the Registrar (Academic's) office through the deans of schools. Failure to withdraw officially will lead to a score of grade E at the end of the semester/session. Grade "E" is awarded zero (0) score and is included in the calculation of the final semester/session cumulative average score.

Unit Load

A student will take a minimum of four (4) and a maximum of seven (7) units a semester/session. The

number of units includes retakes where applicable. A student whose mean score from the previous semester is not less than 60% will be allowed to take eight units with permission from the Dean of the School in consultation with the chairman of the respective department.

A student will be allowed to take up to four units in another school/institute/department in consultation with the respective Dean and Chairman, and with approval of the Senate. Such units will be regarded as electives. A student is allowed to take units from any level. However, a pre-requisite unit has to be passed before registering for the next level units.

Auditing a Unit

A student may audit a unit with permission from the Registrar (Academic). The said unit will be reflected in the registration form. An audited unit will not be examined but it will be reflected in the result slip and transcript as follows: Audited Successfully – AS. An audited unit will not be converted to a regular unit.

Policy on Minors and Majors

Students enrolled for a degree programme can apply to minor in subjects other than those registered for their degree programme as guided by the University Policy on Minors and Majors (Detailed policy guidelines available).

Examinations Regulations

All units shall be examined at the end of the semester/session in which they are taken unless otherwise specified. Only those students who are duly registered with the University, School/Institute and Department shall be allowed to do examinations.

Each student must attend at least 2/3 of the lectures for a unit in order to be allowed to sit for the examination in that unit.

Unless otherwise specified, examinations shall consist of Continuous Assessment Tests (CATs) which shall constitute 30% and the final examinations which shall contribute 70%. Failure to have a CAT mark shall lead to a fail in the unit. Where a course is solely examined by practical work, it may be examined wholly by continuous assessment and /or practical assessment.

Unless otherwise specified, the pass mark in all undergraduate courses shall be 40% and 50% for post-graduate. The marks shall be translated into literal grades as follows:

- A = 70-100
- B = 60 – 69
- C = 50 – 59
- D = 40 – 49
- E = 0 – 39.

However, schools and programmes with unique examination regulations and grading systems will specify their requirements in the relevant sections of the calendar.

For postgraduate examination regulations refer to the section on graduate school in this calendar

Examination Irregularity

A student who is involved in any examination irregularity shall be suspended immediately by the Registrar (Academic) upon receipt of an incident report pending appearance before the Students' Disciplinary Committee.

The following shall constitute examination irregularity:

1. Passing or receiving relevant verbal, written or electronic communication (relevant to the examination) to or from other candidates or any other source during the examination.
2. Unauthorized possession of used or unused examination answers booklet(s) outside the examination room or unauthorized possession of used or unused examination answer booklet(s) inside the room, other than the one being issued for that particular examination.
3. Possessing/having any unauthorized written, graphic or recorded material or otherwise, in the examination room.
4. Copying and /or referring to other candidate's answer booklets or any other source e.g. parts of the body or clothing.
5. Possession of any notes recorded on paper, parts of the body or clothing.
6. Possession of mobile phones, i-Pods, electronic note book or any other electronic gadget(s) or source inside the examination room.
7. Returning examination answer booklets with written answers after the examination.
8. Plagiarism, i.e. falsely accessing another person's work and appending one's name and signature claiming to be one's own. This includes, but is not limited to, copying other candidates' written, published or unpublished material.
9. Disrupting the conduct of examinations.
10. Destroying evidence pertaining to examination irregularity.
11. Failure to write one's registration number or deliberately writing the wrong registration number on the answer booklet.
12. Presenting oneself for an examination in a unit one is not registered for.
13. Claiming marks in a unit whose examination one knows he/she did not register for and/or sit for.
14. Writing on the examination question paper.
15. Reading from another candidate's answer scripts or question papers.
16. Permitting other candidates to read or copy from one's answer scripts.
17. Impersonation of other candidates or being impersonated during an examination.
18. Deliberate failure or refusal to hand in the examination script at the end of the examination.
19. Assaulting and/or threatening an invigilator in the course of his/her duties.
20. Involvement in and/or influencing tampering with examination data.
21. Any other offence that is deemed to constitute an examination irregularity.

Penalties

Any student found guilty of an examination irregularity by the Students' Disciplinary Committee shall be discontinued.

Appeal on Discontinuation due to Examination Irregularity

Any student who is discontinued due to involvement in an examination irregularity may appeal to the Vice-Chancellor against the discontinuation and such appeals shall attract a fee of KES. 1,000.

Categorisation of Examination results

Incomplete (I)/Special

- a. Letter (I) representing incomplete grade, is used at the end of the semester only and is not used during the withdrawal period.
- b. It is assigned to a student who, because of reasons acceptable to the Senate, is unable to sit the final examination, and whose work is in good standing.
- c. Class attendance shall not be a requirement to complete the course.
- d. The grade (I) will be considered failing if the work is not made up by the next relevant examination sitting. After this period the (I) will be changed to failing grade "E" i.e. = Zero score.

Retake (R)/Supplementary

- a. A student who fails up to half the units taken in any one semester will be allowed to re-take the failed units when they are next offered. However, if the failed units are pre-requisites for other advanced courses, they must be passed before the student enrolls in other unit(s) in the series.
- b. No retaking of units is permitted after degree classification has been done.
- c. No student will be allowed to retake passed unit(s) for the purpose of improving the grade.
- d. Failed units when retaken will be graded as those of normal examination units.
- e. No student will be allowed to retake a course/unit more than twice.
- f. Failed units shall NOT be replaced with other units.

Academic Warning (AW)

A student who fails in more than half of the units taken in any one semester shall be given an Academic Warning (AW) by the respective Dean of School upon the recommendation of the Senate.

Discontinuation (DISC)

- a) A student who fails in all units in any one semester will be discontinued.
- b) A student whose cumulative failures after an academic warning from the previous semester are more than half the units taken in two consecutive semesters will be discontinued.
- c) Appeal against discontinuation will be addressed to the Vice-Chancellor.

Results Slips and Transcripts

- a) A student will be given a results slip by the Dean showing literal grades and the following letters indicated:
 - i. Pass - P
 - ii. Academic Warning - AW
 - iii. Incomplete - I
 - iv. Retake – R
 - v. Re-Retake - RR
 - vi. Discontinuation - DISC
- b) Provisional results will be released by the respective Deans of Schools after the School's Board of Examiners' meeting, pending approval by the Senate.
- c) Upon a written request by the student, a transcript will be issued free of charge by the Registrar (Academic) at the end of the degree programme.
- d) Transcripts requested for BEFORE graduation will be issued at a fee of KES. 200.00.
- e) Addition copies of transcript will be issued at a fee of KES. 200.00 per year.

Degree Classification

- a) The final classification of the degree will be based on all the required Units (core and electives) taken during the degree programme. The total number of units required for degree classification may vary from one school to another.
- b) A student may be allowed to graduate with one failed required elective unit without doing retake provided the student requests for approval formally by writing to the Registrar (Academic) through the Chairman of Department and Dean of the School. No student shall graduate with a failed core unit.
- c) Unless otherwise specified, the total score for undergraduate programmes will be based on the cumulative score average to arrive at the following final classification:

70 -100%	First Class Honours
60 - 69%	Second Class Honours (Upper Division)
50 - 59%	Second Class (Lower Division)
40 - 49%	Pass

Classification of Diplomas and Certificates

70 -100%	Distinction
60 - 69%	Credit One
50 - 59%	Credit Two
40 - 49%	Pass

Letter of Completion

Upon request to the Registrar (Academic) a letter of completion will be issued before Graduation to a student who has completed the degree programme and met the entire financial obligation to the University. Such a letter will be subject to alteration or change after the final confirmation and approval of the results and will bear such rider at the bottom to that effect.

Graduation

- a) Only students who have completed and passed all the required number of units including practicum shall graduate.
- b) A student who intends to graduate should apply to the Registrar (Academic).

Convocation/Alumni

Membership of Kenyatta University Convocation is open to all persons who become graduates of Kenyatta University including honorary graduates. Kenyatta University convocation has two main objectives:

- a) To maintain contact with the Kenyatta University Alumni, informing them of the University's programmes with the hope that they will assist Kenyatta University in fulfilling its education goals.
- b) To encourage members to continue their University friendships after graduation through social reunion activities. Active membership is maintained through payment of regular convocation dues.

Opportunities for Further Studies

The University offers opportunities for further studies as advertised from time to time by the respective schools. However, further enquiries about post-graduate programmes can be made to the Dean, Graduate School.

Teaching Practice Regulations

These will apply to those students pursuing Bachelor of Education (B.Ed.). Marks obtained after completion of Teaching Practice will be included in the degree classification.

- a) Failure to Follow Regulations for Teaching Staff

Any three reported cases of neglect, which have prompted letters of warning, will lead to retaking of Teaching Practice and so will any two reported cases of explicit refusal to follow school/college regulations having prompted such letters.

b) Unauthorized absence from school duties

Being absent from duty for seven days or more without permission from the head teacher/principal or documented justification will result in immediate suspension from the ongoing Teaching Practice and followed by a retake.

Unauthorized absence for less than seven days will result in a letter of warning. When permission has been granted, the Area Supervisor/Supervisor has to be informed.

c) Insubordination and Lack of Respect for Authority

Any misconduct which results in dismissal from a school/college will at least lead to retaking of Teaching Practice, as well as any two reported cases of explicit insubordination which have prompted letters of warning although more serious action may be taken depending on the nature of the misconduct. Reported lack of respect for colleagues by, for instance, publicly criticizing them within the hearing of students will result in a private warning by the supervisor or school head and if repeated, a warning and possible retaking of Teaching Practice.

d) Failure to Live up to the Required Teaching Practice Standards

Any behaviour like interfering with posting without prior consent from the Area Supervisor/supervisor, failure to teach the required number of lessons, failure to record, hand in marks or inform the Area Supervisor of timetable changes may prompt a letter of warning and, if repeated, suspension from Teaching Practice and retaking of Teaching Practice.

If towards the end of Teaching Practice school/college examinations are not marked, results not handed in or school/college property not returned, Teaching Practice results shall be withheld until the Student Teacher has complied with the verdict of the Students Disciplinary Committee.

e) Unethical and Unprofessional Behaviour

Any behaviour which brings the teaching profession into disrepute and which may range from refusing to participate in co-curricular activities, missing a class, failure to prepare a lesson, to the more serious offences, such as flirting with students, being drunk while on duty and having sexual relations with students, will result in disciplinary action. Such offences shall result in immediate suspension pending appearance before the Students Disciplinary Committee.

f) Pregnancy

Since pregnancy is not necessarily sickness, a student who is pregnant at the time she is supposed to go for teaching practice shall be allowed to undertake the teaching practice, unless prevented from doing so by any other reasons acceptable to Senate.

STUDENT CONDUCT AND DISCIPLINE

Sanctions of Regulations

Sanctions against those who contravene University regulations will be enforced by the Vice Chancellor on behalf of the Council.

University Property

A student or a group of students will be held responsible for any damages to University property, resulting from misuse or wilful destruction of such property by that student or group of students.

Academic Responsibility

Attendance of lectures, tutorials, seminars, practicals and other scheduled courses of instruction is compulsory. Non-attendance due to illness or other acceptable reasons must be authorized by the Dean of the relevant School.

Processions and Demonstrations

It is a serious offence for any student or group of students whilst within the University to convene, organize, participate in or in any way involves himself/herself in any demonstration, gathering or procession or in any unauthorized ceremony for which permission has not been obtained from the University or government authorities. It is a serious offence for any student or group of students to organize or participate in pickets or in any manner prevent any student or member of staff from performing their normal duties. Any other similar conduct outside the University campus will be punishable according to the law of the land.

Drunkenness

Whereas consumption of alcohol is not prohibited, drunkenness and disturbance of other students because of drunkenness will constitute a serious offence. It is also a serious offence to possess, handle or drink illicit brews on the campus. Anyone caught shall be arrested and dealt with according to the laws of the land.

Drug Taking and Possession of Drugs

It is a serious offence to possess or take drugs as a student of this University. Anyone caught shall be arrested and dealt with according to the laws of the land.

Noise

It is an offence to make unreasonable noise or behave in an unruly or rowdy manner to the disturbance or annoyance of other occupants of University premises.

Correspondence

No student is allowed to make any public statement on behalf of the Student Union or other societies on matters affecting the University without special authority from the Vice-Chancellor.

Disciplinary Procedure against Students' Misconduct

- a) A student may be summoned to appear before the Student Disciplinary Committee to answer a charge against him/her in regard to any matter under investigation against him/her.
- b) A disciplinary procedure will be carried out against a student in his/her absence, who in the opinion of the Disciplinary Committee, has been duly summoned but has failed to appear.

Punishment

A punishment as determined by the Senate will be imposed on a student if found guilty of an offence.

Upholding the Good Name of the University

All Kenyatta University students are expected, wherever they are and at whatever time and place, to show exemplary conduct and to be mindful of the welfare of others. They should also co-exist harmoniously with other members of the University community.

University Common Units

All students taking undergraduate programmes are required to take University Common Units as prescribed by their respective schools: UCU 100 and UCU 103 are compulsory for all students.

Unit Code and Title

UCU 100: Communication Skills

UCU 101: Development Studies

UCU 103: Introduction to Critical and Creative Thinking

UCU 104: Entrepreneurship

UCU 106: Diversity, Ethics and Citizenship

The addition to the compulsory UCUs, each student will be required to choose only one (1) unit from the following clusters, depending on the student's school as shown below:

S/NO.	SCHOOLS	CLUSTER
	School of Medicine School of Nursing School of Public Health and Applied Human Sciences School of Hospitality Tourism and Leisure Studies	UCU 101 UCU 104 UCU 106
	School of Business School of Economics	UCU 101 UCU 106
	School of Humanities and Social Sciences School of Education School of Law School of Architecture and Built Environment	UCU 101 UCU 106
	School of Pure and Applied Sciences School of Agriculture and Enterprise Development School of Environment Studies School of Creative & Performing Arts, Film & Media Studies School of Engineering and Technology School of Security, Diplomacy and Peace Studies	UCU 101 UCU 104 UCU 106

The number of units required for students to qualify for the Degree Programmes classification is as follows:

Bachelor of Education (Arts) and Bachelor of Education (Science) – 50 Units

Bachelor of Education (Special Education) and

Bachelor of Education (Early Childhood Education) – Maximum of 56 units

For other Bachelor's Degree Programmes, the number of units is reduced by one (1)

These units will be offered every semester as scheduled by the coordinating departments shown below.

UCU 100: Communication Skills -Educational Communication and Technology

UCU 101: Development Studies -Gender and Development Studies

UCU 103: Introduction to Critical and Creative Thinking –Philosophy and Religious Studies

UCU 104: Entrepreneurship -Business Administration

UCU 106: Diversity, Ethics and Citizenship – History, Archaeology and Political Studies

SUPPORT CENTRES AND DIRECTORATES

Accommodation Services

The Kenyatta University Accommodation Services Directorate (KU-ASD) is charged with the tasks of allocating students rooms and overseeing their welfare in the hostels at main and satellite campuses. The Directorate also links students with off-campus hostel providers.

The mission of the (KU-ASD) is to be an exemplary provider of quality accommodation services among institutions of higher learning in Kenya and beyond.

In its endeavor to achieve this mission, the Directorate is guided by the following principles among others;

- All First year KUCCPS students are guaranteed accommodation in the university hostels during their first year of study.
- Any other students apart from finalists who wish to stay in the University halls of residence will be required to apply for it. If available student will be given the room for one academic year at a fee.
- All resident students are expected to adhere to set rules and regulations governing hostels failure to which disciplinary action would be taken against them.
- Special cases are considered according to their merit.

Catering Services

The Directorate of Catering Services is situated at Nyayo Complex Road, a few meters from the New Students Services and Business Centre. These offices are managed by a team of dedicated professionals who include; the Director, Deputy Director, and administrative support staff who ensure the smooth running of day to day catering activities.

i. Student Dining Halls

Our restaurants and catering units are all tailored to suit the needs of our clients in the various segments however; our core customers are the 30, 000 plus University students who reside both within campus as well as other satellite campuses, namely in Parklands, Ruiru and Kitui.

The University has dedicated three main Dining Halls, popularly known as “Nyayo Mess” “Western Mess” and “Eastern Mess” (all situated at strategic points in the University), to the students who are served with meals at subsidized prices. These Dining Halls are only accessible to the student community, who continue to enjoy nutritious tasty meals that are pocket friendly. These dining halls provide;

KITCHEN	BREAKFAST	LUNCH	SUPPER
Eastern Kitchen	5.30am – 8.30am	11.00am - 3.00pm	5.30pm – 12.00am
Western Kitchen	5.30am – 8.30am	11.00am - 3.00pm	5.30pm – 9.30pm
Nyayo Kitchen	5.30am – 8.30am	11.00am - 3.00pm	5.30pm – 9.30pm

There are tuck shops within the Dining Halls that are manned by Catering Department. These provide beverages, fruits and yoghurt at market rate. The tuck shops are open between 6.30am to 8.30 pm.

ii. Restaurants

Other restaurants are tailored to meet the needs of various customers. These restaurants include KUCC which provides meals and accommodation services and BSSC (Business & Student Service Centre) food court for fast foods, beverage and restaurant services. More restaurants are open to the wider Kenyatta University but are also accessible to students at non subsidized rates. These include Cafeteria (Shopping center), Mugumo Restaurant (next Ole Moiyo Lecture Hall), Mt Kenya Restaurant (next to the Administration Block) and Culture Village Restaurant (next to school of hospitality)

Community Outreach and Extension Programmes

Service to humanity is one of the core mandates of Kenyatta University as outlined in the university vision. This mandate is realized through outreach activities that are coordinated and implemented in the Directorate of Community Service and Extension Programmes (COEP). The outreach activities involve the entire Kenyatta University community (both staff and students) as well as her partners and alumni. Mainly, the outreach activities are aimed at reaching out to Kenyan communities through the vast wealth of knowledge and skills acquired through learning and research in order to offer practical solutions to community needs and problems. This is done with the hope of improving the community's quality of life. Besides knowledge and skills, the Directorate of COEP also coordinates the KU community to offer other relevant resources in response to specific community needs.

Career Development and Mentoring Programmes (CDMP)

The directorate was recently merged to the current Directorate of Career Development and Mentoring Programmes (CDMP) based at BSSC RM 142/144. It was merged from the former Directorate of Mentoring programmes and the Directorate of Career Development and Placement.

The directorate runs three programs, namely: Mentoring, Growing Leaders and career Development. The objectives of the mentoring program includes: Assisting students to effectively transition from high school to university by helping them to settle down in their social and academic work, building strong social support systems for helping the vulnerable students, building a database of well trained staff and student mentors and connecting students to the right mentors among many other objectives.

The Growing Leaders Program is a six week certificate course offered for free to all final year students by the university. This is a unique program offered to KU students. The aim is to give them a niche in the job market and entrepreneurial world. The program is taught by both internal and external facilitators, who are renowned authorities in leadership skills such as transformative and authentic leadership, conflict resolution, strategic planning and control, national cohesion, peace building and team work among many other topics.

The third program, the Career Development is a very vibrant section that oversees the marketing of the university to various potential students from high schools and other institutions. This year alone, the career advisors have talked to over seventeen thousand students (17,000) from various high schools. This is in addition to advising KU students who have felt the need to change courses either at the commencement of the course or mid stream. The section is famous for organizing the annual Career Week, an event that brings together several high schools, organizations and institutions for career mentorship talks, exhibitions and recruitment by the corporate organizations. Additionally, the centre career advisors participate in several conferences and workshops arranged by organizations seeking career advisory services outside the university. The centre is also in charge of organizing and coordinating industrial attachments and internships from the various schools within KU.

Wellness and Rehabilitation Services Centre

The Centre is committed to developing, promoting and implementing various activities and programmes which aim at prevention and management of Alcohol and Drug Abuse issues within all the KU Campuses and the surrounding communities.

Wellness Centre offers support services of counseling to both staff and students at no cost i.e. for free.

In its effort to create drug free communities in KU Campuses, the Centre conducts seminars, workshops, research and trainings on prevention of Alcohol and Drug Abuse to the students and staff at no costs.

All the counseling needs can be addressed at the Wellness Centre by professional counselors employed by the University.

Directorate of Disability Services (DODS)

DODS is charged with mainstreaming disability awareness in all operations of the University. It strives to provide disability friendly Services.

Directorate of eLearning

eLearning refers to the teaching and learning through electronic means. To achieve this, the University has implemented a Learning Management System (LMS) using Modular Object-Oriented Dynamic Learning Environment (Moodle) called kusoma. The kusoma LMS services are accessible through this link: <https://kusoma.ku.ac.ke/lms/>

The Directorate of Student Affairs

The Office of the Director, Student Affairs is located on the first floor of the Business and Student Services Centre (BSSC). The Directorate is charged with the responsibility of coordinating student activities and support services. These services and activities are at the centre of student welfare and as much as possible provided in all satellite campuses. The Directorate works closely with other offices of the University in implementing policy governing the delivery of these services and activities.

Some of the key activities undertaken by the Directorate include:

- i. Organizing orientation for First Year Students
- ii. Registration of students' clubs and associations
- iii. Follow up on status of sick students
- iv. Coordination of specialized services to students with special needs.
- v. Coordinates the facilitation of KUSA activities
- vi. Coordination of pastoral care and guidance through chaplaincy services

The Confucius Institute

The Institute coordinate, develop and implement Chinese related studies, programmes and activities with the university

Directorate of Innovation Incubation and University Industry Linkages

The directorate of innovation incubation and university industry linkages works to foster the culture of innovation and entrepreneurship in Kenyatta University through establishment of strong linkages with industry. This collaborations are critical for skills development (education and training), the generation,

acquisition, and adoption of knowledge (innovation and technology transfer), and the promotion of entrepreneurship (start-ups and spin-offs). The directorate also works to enhance coordination of Research and Development (R&D) agendas and avoid duplications, stimulate additional private R&D investments, and exploit synergies and complementarities of scientific and technological capabilities. This collaborations also expands the relevance of research carried out in Kenyatta University, foster the commercialization of R&D outcomes, and increase the mobility of labour between Kenyatta University and industry. The industry benefits through increases in the propensity of firms to introduce new products and to patent. The Directorate houses the Chandaria Innovation Centre which provides incubation services for innovations.

The services include:

1. Intellectual property management
2. Access to Database for Industry Partners by sector
3. Technology commercialization assistance
4. Networking activities
5. Assistance with business basics
6. Marketing assistance
7. High-speed Internet access
8. Help with accounting/financial management
9. Access to bank loans, loan funds and guarantee programs
10. Help with presentation/ pitching skills
11. Links to higher education resources
12. Links to strategic partners
13. Access to angel investors or venture capital
14. Comprehensive business training programs
15. Advisory boards and mentors
16. Management team identification
17. Help with business etiquette
18. Assistance with regulatory compliance

Contact Us:

Director,
Innovation Incubation & University Industry Linkages,
Chandaria Innovation Centre Building,
Off Kenya Drive,
2nd Floor,
Kenyatta University,
P.O. Box 43844, 00100
Nairobi, Kenya.
Tel: +254 020 8710901-10 Cisco 3870

director-iiuil@ku.ac.ke

Endowment and Alumni Programmes

The Directorate's mandate is fundraising, creating investment and endowment in order to establish a strong financial base to ensure impact and sustainability in provision of resources to support the Uni-

versity in her goals and aspirations. The Directorate avails opportunities for alumni to participate in the growth and development of their alma mater. To accomplish this mandate, the Directorate will mobilize philanthropic resources and support and create collaborations and partnerships with alumni, friends' and staff of KU, donors and well-wishers globally. These efforts are geared towards helping the University to achieve her mission, 'to provide quality higher education and training, promote scholarship, service, innovation and creativity and inculcate moral values for sustainable individual and societal development'.

1. SCHOOL OF AGRICULTURE AND ENTERPRISE DEVELOPMENT

1.1 Department of Agricultural Economics

BSc. Agribusiness Management

Structure and Programme Duration

The Bachelor of Science in Agribusiness Management and Trade programme will take four academic years of two semesters each. In order to graduate with a Bachelor of Science (Agribusiness Management and Trade), a candidate must have completed at least 49 units. In addition to the 3 university common units, students in the first year of study must take the 2 units offered in the Department, 2 school common (KCU) and five other prescribed units. In the second year of study, student must take the 3 school common units, 4 units offered in the department, and other 5 prescribed units. In the third year of study student will be required to take 5 prescribed units in addition to the 8 units offered in the department. In the fourth year of study, the student shall be required to take all the 11 units offered in the department and 1 prescribed unit. (Contact hour per unit 35)

List of Across Semesters

SN	Level 1	Sem 1	Sem 2
1.	BAC 100: Fundamentals of Accounting	+	
2.	BBA 101: Business Law	+	
3.	BBA102: Principles of Management		+
4.	BMS 100: Management Mathematics	+	
5.	KBT 101: Introduction to Food Industry <i>(prerequisite to KBT 308 and KBT 431)</i>		+
6.	KBT 107: Introduction to Agribusiness <i>(Prerequisite to KBT 209)</i>	+	
7.	KCU 100: History and development of East African Agriculture	+	
8.	KCU 101: Fundamentals of Mathematics	+	
9.	SIT 101: Foundations of Information Technology	+	
10.	UCU 100: Communication Skills		+
11.	UCU 103: Introduction to Critical and Creative Thinking		+
12.	UCU 106: Ethics, Citizenship and Diversity		+

	Level 2		
13.	AGD 203: Gender and Agricultural Development		+
14.	ASC 205: Rural Sociology		+
15.	KBT 203: Agricultural Production Economics		+
16.	KBT 209: Principles of Agriculture Microeconomics (Prerequisite to KBT 210)	+	
17.	KBT 210: Principles of Agriculture Macroeconomics		+
18.	KBT 211: Agricultural Marketing	+	
19.	KBT 212: Agribusiness and Economic Development	+	
20.	KBT 213: Farm Business Management		+
21.	KCU 200: Statistics for Agriculture	+	
22.	KCU 201: Principles of Crop Production	+	
23.	KCU 202: Principles of Soil Science	+	
24.	KRM 203: Principles of Animal Production	+	
25.	KST 201: Principles of Crop Protection	+	
	Level 3		
26.	BAC 300: Management Accounting		+
27.	BBA 300: Organizational Theory	+	
28.	BHM 301: Human Resource Management	+	
29.	EAE 310: Economics of Money and Banking		+
30.	KBT 302: Quantitative Techniques in Agribusiness	+	
31.	KBT 308: Food Security and Trade	+	
32.	KBT 309: Agribusiness Strategy and Marketing Plans		+
33.	KBT 312: Agri-Enterprise Development	+	
34.	KBT 313: Field attachment		+
35.	KBT 315: Agribusiness Finance and Credit Management		+
36.	KBT 316: Agricultural Market and Price Analysis	+	
37.	KCU301: Research Methods for Agribusiness (Prerequisite to KBT 302 and KCU 400)		+
	Level 4		
38.	KBT 420: International Agricultural Trade	+	
39.	KBT 426: Risk Management	+	
40.	KBT 427: Agricultural Project Management	+	
41.	KBT 428: Agri-Supply chain Management	+	
42.	KBT 429: Agricultural Policy Analysis		+
43.	KBT 430: Management of Agricultural Institutions		+
44.	KBT 431: Food Marketing and Retail sales Management		+
45.	KBT 432: Corporate Finance in Agribusiness		+
46.	KBT 433: Financial Management for Agribusiness	+	
47.	KCU 400: Research Project (equivalent to two Units)	+	+
48.	KST 408: Agricultural Extension and Rural Development		+

Masters of Science (Agribusiness Management)

Programme structure and Duration

The Master of Science (Agribusiness Management) shall consist of course work, examination and thesis. The program shall take a minimum period of 18 months. During the first year of study, the student will be expected to complete 12 units of which 10 are core and 2 elective units chosen from either Farm Business Development or Trade Development Option. In each of the two semesters the student will take five core and one elective unit. In the second year, the student will be expected to carry out field research and submit a thesis for examination. (Contact hour per unit 35)

List of Unit across Semesters

SN	Year 1	Sem 1	Sem 2
1.	Core		
2.	EES 814: Statistics for Agriculture	+	
3.	KBT 800: Microeconomics for Agriculture <i>(prerequisite to KBT 801 and KBT 807)</i>	+	
4.	KBT 801: Macroeconomics for Agriculture		+
5.	KBT 802: Agricultural and food marketing	+	
6.	KBT 803: Strategic Agribusiness Management	+	
7.	KBT 804: Agribusiness Supply Chain Management		+
8.	KBT 805: Applied management for agribusiness		+
9.	KBT 806: Institutional and behavioral economics	+	
10.	KBT 807: Consumer Demand Analysis		+
11.	KCU 801: Research Methods and Scientific Writing		+
12.	Electives (Choose two)		
Farm Business Development Option			
13.	KBT 808: Advanced Agricultural Project Management		
14.	KBT 810: Agricultural Finance and Risk Management		
15.	KBT 823: Agribusiness Enterprise Development		
16.	KBT 824: Quantitative Methods in Agribusiness management		
Trade and Development Option			
17.	KBT 808: Advanced Agricultural Project Management		
18.	KBT 809: Foundations of Agricultural and Rural Development		
19.	KBT 812: Agricultural and food policy analysis		
20.	KBT 813: International Agricultural Trade		
Year 2			
21.	KBT 850: Thesis	+	+

Masters of Science (Agricultural Economics)

Programme structure and Duration

The Master of Science (Agricultural Economics) degree programme is by course work, examinations

and thesis. The programme will take a minimum of 18 months. To graduate with a Master of Science (Agricultural Economics) the student is expected to pass 8 core units, and at least four units in their area of specialization in addition to a thesis in the second year of study. During the first year of study, the student will be required to complete minimum of 12 units. In Semester one (1) the student will take four core units and two electives, at least one being a foundation unit in the area of specialization. In Semester two (2), the student will take 4 core units, and at least two units from the area of specialization. In the second year, the student will be expected to carry out field research and submit a thesis for examination.

List of Units across Semesters

SN	YEAR 1	Sem1	Sem2
	Core		
	Compulsory Non-Core		
1.	EES 812: Applied Econometrics for Agriculture		+
2.	EES 813: Mathematics for Agricultural Economics		
3.	EES 814: Statistics for Agriculture	+	
4.	KBT 800: Microeconomics for Agriculture <i>(Prerequisite to KBT 801)</i>	+	
5.	KBT 801: Macroeconomics for Agriculture		+
6.	KBT 811: Agricultural Production Economics		+
7.	KBT 822: Issues in Agriculture and Applied Economics	+	
8.	KCU 801: Research Methods		+
Agricultural Trade and Policy Option			
	Foundation Unit		
9.	KBT 812: Agricultural and Food Policy Analysis	+	
10.	Electives (Any 3 Units)		
11.	KBT 802: Agricultural and food marketing		
12.	KBT 806: Institutional and behavioural economics		
13.	KBT 807: Consumer Demand Analysis		
14.	KBT 808: Advanced Agricultural Project Management		
15.	KBT 813: International Agricultural Trade		
Agriculture and Rural Development Option			
	Foundation Unit		
	Electives (any 3)		
16.	KBT 806: Institutional and behavioural economics		
17.	KBT 808: Advanced Agricultural Project Management		
18.	KBT 809: Foundations of Agricultural and Rural Development	+	
19.	KBT 816: Farming Systems and Sustainable Livelihood Analysis		
20.	KBT 817: Science and Technology Policy Analysis		
Environment and Natural Resource Management			
	Foundation Unit		
21.	KBT 818: Environment and Natural Resource Management	+	

SN	YEAR 1	Sem1	Sem2
	Electives (any 3)		
22.	KBT 806: Institutional and behavioural economics		
23.	KBT 808: Advanced Agricultural Project Management		
24.	KBT 819: Quantitative Methods in Environmental Economics		
25.	KBT 821: Environmental Valuation and Policy		
26.	Agribusiness Management		
	Foundation Unit		
27.	KBT 803: Strategic Agribusiness Management	+	
	Electives (any 3)		
28.	KBT 804: Agribusiness Supply Chain Management		
29.	KBT 806: Institutional and behavioral economics		
30.	KBT 808: Advanced Agricultural Project Management		
31.	KBT 810: Agricultural Finance and Risk Management		
32.	KBT 824: Quantitative Methods in Agribusiness management		
	Year 2		
33.	KBT 850: Thesis		

PhD (Agribusiness Management)

Programme Structure and Duration

The Doctoral programme shall be completed through research, thesis and successful oral examination. Candidates will be required to register for full time programme which shall run for a minimum of three years and a maximum of four years. The student will be supervised by a member of the Kenyatta University faculty and any other person that may be found suitable by the Department of Agribusiness Management and Trade to undertake such supervision.

KBT 900: Thesis

PhD (Agricultural Economics)

Programme Structure and Duration

The Doctoral programme shall be completed through research, thesis and successful oral examination. Candidates will be required to register for full time programme which shall run for a minimum of three years and a maximum of four years. The student will be supervised by a member of the Kenyatta University faculty and any other person that may be found suitable by the Department of Agribusiness Management and Trade to undertake such supervision.

KBT 900: Thesis

1.2 Department of Agricultural Science & Technology

Bachelor of Science (Dryland Agriculture and Enterprise Development)

Programme Structure and Duration

The Bachelor of Science (Dryland Agriculture and Enterprise Development) degree program shall consist of course work and examination. The B.Sc. Programme shall take a minimum of four years. In year one and two a candidate shall be required to take a total of 14 units per year. In year three the candidate shall be required to take 14 units which include field attachment. In year four, a candidate shall be required to take 14 units including research project.

List of Rationalised Units across Semesters

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1.	KRM 105: Introduction to Animal Science		+
2.	KRM 103: Physiology and Anatomy of Animals	+	
3.	KBT 107: Introduction to Agribusiness		
4.	KCU 100: History and Development of East African Agriculture	+	
5.	KCU 101: Fundamentals of Mathematics	+	
6.	KRM 102: Farming Systems		+
7.	KST 103: Fundamentals of Physics		+
8.	KST 104: Fundamentals for Chemistry		+
9.	KRM 106: Dryland Ecology	+	
10.	KST 112: Basic Botany	+	
11.	UCU 100: Communication Skills	+	
12.	UCU 103: Introduction to Critical and Creative Thinking	+	
13.	UCU 104: Entrepreneurship	+	
14.	SBC 120: Introduction to Genetics		+

SN	Level 200 - Unit Code and Title	Sem1	Sem 2
15.	ASC 205: Rural Sociology		+
16.	KBT 203: Agribusiness Production Economics		+
17.	KCU 200: Statistics for Agriculture (<i>Prerequisite KCU 101</i>)	+	
18.	KBT 213: Farm Business Management		+
19.	KCU 202: Principles of Soil Science	+	
20.	KCU 201: Principles of Crop Production	+	
21.	KRM 208: Dry land Crop Production	+	
22.	KRM 206: Farm Power and Machinery		+
23.	KRM 203: Principles of Animal Production	+	
24.	KRM 204: Principles of Animal Breeding	+	
25.	SMB 303: Agricultural Microbiology		+
26.	KRM 215: Soil Chemistry		+
27.	KRM 214: Animal Nutrition and Feeding		+
28.	KST 214: Plant Physiology and Biochemistry	+	

SN	Level 300 - Unit Code and Title	Sem1	Sem2
29.	KRM 300: Soil Fertility and Plant Nutrition		+
30.	KBT 308: Food Security and Trade	+	
31.	KCU300: Field Attachment		+
32.	KRM 302: Rangeland Resources Management		+
33.	KRM 311: Agriculture and Environment		+
34.	KRM 313: Water Resources and Management in Dry lands		+
35.	KRM 305: Research Methods & Design of Experiments (Prerequisite KCU 200)	+	
36.	KRM 306: Principles of Forage Production and Conservation	+	
37.	KST 300: Seed Science and Technology	+	
38.	KST 302: Principles of Plant Pathology		+
39.	KST 305: Plant Breeding	+	
40.	SMR 305: Wildlife Ecology and Management		+
41.	KBT 312: Agri-Enterprise Development	+	
42.	KRM 315: Beef and Camel production	+	

SN	Level 400 - Unit Code and Title	Sem1	Sem2
43.	ESU 400: Environmental Conflicts and Peace - building	+	
44.	KCU 400: Research Project (2 semesters unit) (Prerequisite KRM 305)	+	
45.	KRM 408: Dry land Livestock Production Systems	+	+
46.	KRM 411: Animal Health and Diseases		+
47.	KRM 413: Management of Ranching Enterprises	+	
48.	KRM 414: Apiculture Production and Marketing	+	
49.	KRM 415: Aquaculture Production and Marketing	+	
50.	KRM 402: Principles of Organic and Conservation Agriculture		+
51.	KRM 403: Principles of Irrigation and Drainage	+	
52.	KRM 406: Soil and Water Conservation		+
53.	KST 401: Post Harvest Technology		+
54.	KST 408: Agricultural Extension and Rural Development		+
55.	KST 413: Agriculture Policy and Law	+	

Bachelor of Science (Agricultural Resource Management)

Programme Structure and Duration

The Bachelor of Science (Agriculture Resource Management) degree program shall consist of course work and examination. The B.Sc. Programme shall take a minimum of four years. In year one and two a candidate shall be required to take a total of 14 units per year. In year three the candidate shall be required to take 14 units which include field attachment. In year four, a candidate shall be required to take 14 units including research project.

SN.	Level 100 - Unit Code and Title	Sem1	Sem2
1.	KBT 107: Introduction to Agribusiness	+	
2.	KCU100: History and Development of East African Agriculture	+	
3.	KCU 101: Fundamentals of Mathematics	+	
4.	KRM 102: Farming Systems		+
5.	KRM 103: Physiology and Anatomy of Farm Animals	+	
6.	KST 101: Agricultural Zoology		+
7.	KST 103: Fundamentals of Physics		+
8.	KST 104: Fundamentals for Chemistry		+
9.	KST 112: Basic Botany	+	
10.	KRM 105: Introduction to Animal Science		+
11.	SBC 120: Introduction to Genetics	+	
12.	UCU 100: Communication Skills		+
13.	UCU 103: Introduction to Critical and Creative Thinking		+
14.	UCU 104: Entrepreneurship		+

SN.	Level 200 - Unit Code and Title	Sem1	Sem2
15.	ASC 205: Rural Sociology		+
16.	KRM 214: Animal Nutrition and Feeds		+
17.	KBT 203: Agribusiness Production Economics		+
18.	KCU 200: Statistics for Agriculture(<i>Prerequisite KCU 101</i>)		+
19.	KBT 213: Farm Business Management		+
20.	KCU 201: Principles of Crop Production	+	
21.	KCU 202: Principles of Soil Science	+	
22.	KRM 204: Principles of Animal Breeding	+	
23.	KRM 206: Farm power and Agricultural machinery		+
24.	KRM 205: Aquatic Resources Management	+	
25.	KRM 215: Soil Chemistry	+	
26.	KST 214: Plant physiology and biochemistry	+	
27.	SMB 303: Agricultural Microbiology		+

SN.	Level 300 - Unit Code and Title	Sem 1	Sem 2
28.	KCU 300: Field Attachment		+
29.	KRM 300: Soil Fertility and Plant Nutrition	+	
30.	KRM 301: Ruminant Animal Production	+	
31.	KST 300: Seed Science and Technology	+	
32.	KRM 302: Rangeland Resource Management		+
33.	KRM 306: Principles of Forage Production and Conservation	+	
34.	KRM 305: Research Methods & Agricultural Experiments(<i>Prerequisite KCU 200</i>)		+
35.	KRM 308: Annual Crops Production(<i>Prerequisite KCU 201</i>)	+	
36.	KRM 309: Perennial Crops Production(<i>Prerequisite KCU 201</i>)		+

37.	KRM 313: Water Resources and Management		+
38.	KST 301: Agricultural Entomology	+	
39.	KST 302: Plant Pathology	+	
40.	KST 305: Plant Breeding		+
41.	KRM 307: Non-ruminant Animal Production	+	

SN.	Level 400 - Unit Code and Title	Sem 1	Sem 2
42.	KRM 401: General Soil Management	+	
43.	ESU 400: Environmental Conflicts and Peace-building	+	
44.	KBT 419: Agricultural Land Economics		+
45.	KST 401: Post Harvest Technology		+
46.	KBT 427: Agricultural Project Management	+	
47.	KCU 400: Research Project (2 semesters unit)(<i>Prerequisite KRM 305</i>)	+	+
48.	KRM 403: Principles of Irrigation and Drainage		+
49.	KRM 406: Soil and Water Conservation		+
50.	KST 408: Agricultural Extension and Rural Development	+	
51.	KRM 402: Principles of Organic farming and conservation agriculture	+	
52.	KST 413: Agricultural Policy and Law	+	
53.	KRM 418: Vegetables and Fruits		+
54.	KBT 211: Agricultural Marketing	+	

Bachelor of Science (Agricultural Education and Extension)

Programme Structure and Duration

The Bachelor of Science (Agriculture Resource Management) degree program shall consist of course work and examination. The B.Sc. Programme shall take a minimum of four years. In year one and two a candidate shall be required to take a total of 15 and 16 units respectively. In year three the candidate shall be required to take 16 units which include teaching practice. In year four, a candidate shall be required to take 16 units including field attachment.

KEE 101: Sociology and Community Development

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1.	EFN 102: History of Education		+
2.	EPS 100: Introduction of Education Psychology	+	
3.	KBT 211: Agricultural Marketing	+	
4.	KCU100: History and Development of East African Agriculture	+	
5.	KCU 101: Fundamentals of Mathematics	+	
6.	KRM 104: Fundamentals of Agricultural education and extension		+
7.	KRM 103: Physiology and Anatomy of Farm Animals	+	
8.	KST 101: Agricultural Zoology		+
9.	KST 104: Fundamentals for Chemistry		+

10.	SBT 100: Cellular Basis of Life	+	
11.	SBT 101: Survey of Plant Kingdom		+
12.	SZL 105: Lab. Methods and Techniques in Zoology	+	
13.	UCU 100: Communication Skills		+
14.	UCU 101: Development Studies		+
15.	UCU 103: Introduction to Critical and Creative Thinking	+	

SN	Level 200 - Unit Code and Title	Sem 1	Sem 2
16.	EAP 201: Curriculum Development	+	
17.	ECT 202: Instruction methods <i>(Prerequisite to ECT 300)</i>	+	
18.	EFN 204: Sociology of Education		+
19.	EPS 200: Human Growth and Development	+	
20.	EPS 201: Psychology of Learning		+
21.	KRM 214: Animal Nutrition and Feeds		+
22.	KBT 203: Agricultural Production Economics		+
23.	KBT 213: Farm Business Management		+
24.	KCU 200: Statistics for Agriculture <i>(Prerequisite KCU 101)</i>	+	
25.	KCU 201: Principles of Crop Production	+	
26.	KCU 202: Principles of Soil Science	+	
27.	KRM 206: Farm Power and Agricultural Machinery		+
28.	KRM 204: Principles of Animal Breeding	+	
29.	SBT 200: Plant Ecology		+
30.	SZL 200: Vertebrate Zoology		+
31.	SZL 201: Invertebrate Zoology	+	

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2
32.	ECT 300: Educational Technology	+	
33.	ECT 304: Methods of Teaching Biology <i>(Prerequisite ECT 202)</i>		+
34.	ECT 330: Methods of Teaching Agriculture <i>(Prerequisite ECT 202)</i>		+
35.	EFN 302: Philosophy of Education	+	
36.	KCU 301: Research Methods		+
37.	KRM 316: Principles and Methods of Agricultural Extension		+
38.	KRM 300: Soil Fertility and Plant Nutrition	+	
39.	KRM 301: Ruminant Animal Production		+
40.	KRM 307: Non-ruminant Animal Production		+
41.	KRM 308: Annual Crops Production <i>(Prerequisite KCU 201)</i>	+	
42.	KRM 309: Perennial Crops <i>(Prerequisite KCU 201)</i>		+
43.	KRM 306: Principles of Forage Production and conservation	+	
44.	KST 302: Principles of Plant Pathology		+
45.	KST 305: Plant Breeding	+	

46.	KST 201: Principles of Genetics	+	
47.	SZL 306: Human Biology	+	
48.	ECT 301: Teaching Practicum (<i>Prerequisites ECT 304, ECT 330</i>)		

SN	Level 400 - Unit Code and Title	Sem 1	Sem 2
49.	KRM 416: Extension Program Planning, Implementation and evaluation		+
50.	EAP 403: Economics of Education & Educational Planning		+
51.	EFN 402: Comparative Education	+	
52.	EMP 401: Educational Administration	+	
53.	EPS 400: Educational Statistics and Evaluation	+	
54.			+
55.	KRM 411: Animal Health and Diseases	+	
56.	KRM 418: Vegetables and Fruits	+	
57.	KRM 405: Organic Farming and Agroforestry	+	
58.	KRM 406: Soil and Water Conservation		+
59.	SZL 304: Evolutionary Biology	+	
60.	KST 401: Post Harvest Technology		+
61.	KST 413: Agricultural Policy and Law		+
62.	KBT 211: Agricultural Marketing	+	
63.	KRM 412: Management of Agricultural Institutions		+
64.	KCU 300: Field Attachment		+

Master of Science Degree in Dryland Agriculture (By Thesis)

Programme Structure and Duration

The M.Sc. degree in Dryland Agriculture shall consist of coursework, examination and thesis. The M.Sc. programme will take a minimum of two (2) years. In year one, a candidate shall be required to take a total of 10 units of which 8 shall be compulsory taken from core units and 2 electives. In first semester, a candidate will take 5 core units and in second semester 3 core units and 2 electives. In year two, a candidate shall concentrate on research work and submit a thesis.

Level 800			
SN	Unit Code and Title	Sem 1	Sem 2
1	KCU 800: Biostatistics(Core)	+	
2	KST 867: Applied Dryland Crop Production (Core)	+	
3	KRM 802: Advanced Soil Fertility and Fertilizers (Core)	+	
4	KRM 819: Irrigation and Water Resources Management in the Drylands (Core)	+	
5	KRM 810: Soils of the Arid and Semi-Arid Tropics (Core)	+	
6	KCU 801: Research Methods (Core)		+
7	KRM 851: Dryland Feed Resources and Animal Management (Core)		+

8	KRM 808: Soil and Water Conservation (Core)		+
9	KRM 863: Climate Change and Food systems (Elective)		+
10	KRM 852: Modelling Dryland Agricultural Production Systems (Elective)		+
11	KRM 853: Dry land Livestock Production systems II (Elective)		+
12	KRM 830: Thesis	Year 2	

Master of Science Degree in Integrated Soil Fertility Management (By Thesis)

Programme Structure and Duration

The M.Sc. degree in Integrated Soil Fertility Management shall consist of coursework, examination and thesis. The M.Sc. programme will take a minimum of two (2) years. In year one, a candidate shall be required to take a total of 10 units of which 8 shall be compulsory taken from core units and 2 electives. In year two, a candidate shall concentrate on research work and submit a thesis.

Level 800			
S N.	Unit Code and Title	Sem 1	Sem 2
1.	KCU 800: Biostatistics	+	
2.	KCU 802: Philosophy and Practice of Sustainability Science	+	
3.	KRM 800: Soil Genesis and Classification	+	
4.	KRM 801: Soil Biology and Biochemistry	+	
5.	KRM 802: Advanced Soil Fertility and Fertilizers	+	
6.	KCU 801: Research Methods		+
7.	KRM 806: Agro-Meteorology		+
8.	KRM 808: Soil and Water Conservation		+
9.	KST 846: Advanced Plant Nutrition		+
10.	KRM 805: Soil Water Plant Relations (Elective)		+
11.	KRM 813: Agriculture and Environment (Elective)		+
12.	KRM 830: Thesis	Year 2	

Master of Science Degree in Land and Water Management (By Thesis)

Programme Structure and Duration

The M.Sc. degree in Land and Water Management shall consist of coursework, examination and thesis. The M.Sc. programme will take a minimum of two (2) years. In year one, a candidate shall be required to take a total of 10 units of which 8 shall be compulsory taken from core units and 2 electives. In year two, a candidate shall concentrate on research work and submit a thesis.

List of Rationalized Units across Semesters

Level 800			
S N	Unit Code and Title	Sem1	Sem 2
1.	KCU 800: Biostatistics	+	

2.	KCU 802: Philosophy and Practice of Sustainability Science	+	
3.	KRM 820: Land Degradation and Productivity Management (core)	+	
4.	KRM 809: Irrigation and Drainage	+	
5.	KRM 802: Advanced Soil Fertility and Fertilizers	+	
6.	KCU 801: Research Methods		
7.	KRM 806: Agro-Meteorology		+
8.	KRM 808: Soil and Water Conservation		+
9.	KRM 813: Agriculture and Environment		+
10.	KRM 817: Land Use Planning and Policy		+
11.	KRM 805: Soil Water Plant Relations (Elective)		+
12.	KRM 865: GIS and Geomatics (Elective)		+
13.	KRM 830: Thesis	Year 2	

Doctor of Philosophy in Integrated Soil Fertility Management

Programme Structure and Duration

The PhD degree in soil science shall be by thesis. The programme will take a minimum of three (3) years. The research proposal shall be developed during the first year of study. In year two and three, the candidate shall concentrate on research work and writing of thesis.

The programme will consist of five (5) examinable units offered in semester one of first year.

	Level 900 Core Units	Sem 1	Sem2
1.	KRM 900: Modeling of Water and Nutrients in Agro-ecosystems	+	
2.	KRM 901: Carbon Dynamics in the ecosystem	+	
3.	KRM 902: Advances in Agriculture and Environment	+	
4.	KRM 903: Agro-ecosystems	+	
5.	KRM 904: Seminars (2 topics chosen from special topics on sustainable agriculture for development)		+

Programme Structure

Thesis

KRM 900. The student will submit a thesis which will be examined according to the Kenyatta University regulations governing post-graduate examination.

Doctor of Philosophy in Soil Science

Programme Structure and Duration

The PhD degree in soil science shall be by thesis. The programme will take a minimum of three (3) years. The research proposal shall be developed during the first year of study. In year two and three, the candidate shall concentrate on research work and writing of thesis.

Thesis

KRM900. The student will submit a thesis which will be examined according to the Kenyatta University regulations governing post-graduate examination.

Bachelor of Science (Crop Improvement and Protection)

Duration and Pattern

The Bachelor of Science Crop Improvement and Protection shall consist of coursework, examination and internship. The Bachelor programme shall take a minimum period of four year. A candidate shall take a total of 54 units. By the end of first year, the student will have taken 15 units, Second year 13, third year 13 and fourth year 13 units.

SN.	Level 100 - Unit Codes and Titles	Sem1	Sem 2
1.	KBT 107: Introduction to Agribusiness	+	
2.	KCU 100: History and Development of East Africa Agriculture	+	
3.	KCU 101: Fundamentals of Mathematics	+	
4.	KST 112: Agricultural Botany	+	
5.	KST 110: Introduction to Crop Protection	+	
6.	KST 103: Fundamentals of Physics		+
7.	KST 104: Fundamentals of Chemistry		+
8.	KRM 102: Farming Systems		+
9.	KST 111: Plant Growth and Development		+
10.	KST 120: Principles of Genetics		+
11.	KST 101: Agricultural Zoology		+
12.	UCU 100: Communication Skills		+
13.	UCU 101: Development Studies	+	
14.	UCU 103: Introduction to Critical and Creative Thinking	+	
	Level 200		
15.	KBT 203: Agricultural Production Economics		+
16.	KCU 200: Statistics for Agriculture(<i>Prerequisite KCU 101</i>)	+	
17.	KCU 201: Principles of Crop Production	+	
18.	KCU 202: Principles of Soil Science	+	
19.	KRM 206: Farm Power and Agricultural Machinery		+
20.	KST 202: Plant Pathology		+
21.	KST 206: Principles of Agricultural Biotechnology	+	
22.	KST 208: Insect Biology and Ecology		+
23.	KST 209: Principles of Crop Improvement	+	
24.	KST 201: Crop Physiology		+
25.	KST 203: Agricultural Biochemistry		+
26.	SMB 200: General Microbiology	+	

	Level 300		
27.	KCU 300: Field Attachment		
28.	KRM 305: Research Methods, and Agricultural Experiments		+
29.	KRM 300: Soil Fertility and Plant Nutrition	+	
30.	KST 300: Principles of Seed Science and Technology	+	
31.	KST 301: Agricultural Entomology	+	
32.	KRM 308: Annual Crops Production(<i>Prerequisite KCU 201</i>)	+	
33.	KRM 309: Perennial Crops(<i>Prerequisite KCU 201</i>)		+
34.	KST 302: Crop Diseases and Management	+	
35.	KST 303: Agro-climatology and Meteorology		+
36.	KST 304: Weed Science and Management		+
37.	KST 305: Plant Breeding	+	
38.	KST 307: Crop Production in Controlled Environment		+
39.	KST 330: Field Course I		+
40.	KST 309: Pesticide Formulation, Use & Safety		+
41.	KST 313: Principles of Organic Farming	+	
	Level 400		
42.	KBT 414: Entrepreneurship and Small Business Management	+	
43.	KCU 400: Research Project (equivalent to 2 units)(<i>Prerequisite KRM 305</i>)	+	
44.	KRM 406: Soil and water Conservation		+
45.	KST 401: Post Harvest Technology		+
46.	KST 407: Integrated Pest and Disease Management Strategies	+	
47.	KST 408: Agriculture Extension and Rural Development	+	
48.	KST 412: Plant Mycology and Bacteriology		+
49.	KST 413: Agricultural Policy and Law in Kenya		+
50.	KST 430: Field Course II		+
51.	KST 417: Plant Virology and Nematology	+	
52.	KST 418: Breeding Plants for Biotic and Abiotic Stress(<i>Prerequisite KST 209</i>)	+	
53.	KST 420: Pests and Pathogens of Stored Products		+
54.	KST 421: Horticultural Crops Production	+	

Bachelor of Science Agriculture

Duration and Pattern

The Bachelor of Science Crop Improvement and Protection shall consist of coursework, examination and internship. The Bachelor programme shall take a minimum period of four year. A candidate shall take a total of 54 Units. By the end of first year, the student will have taken 15 units, Second year 13, third year 13 and fourth year 13 units.

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1.	KRM 105: 100: Introduction to Animal Science	+	
2.	KRM 103: Physiology and Anatomy of Animals		+
3.	KBT 107: Introduction to Agribusiness	+	
4.	KCU100: History and Development of East Africa Agriculture	+	
5.	KCU 101: Fundamentals of Mathematics	+	
6.	KRM 102: Farming Systems		+
7.	KST 101: Agricultural Zoology		+
8.	KST 103: Fundamentals of Physics		+
9.	KST 104: Fundamentals of Chemistry		+
10.	KST 111: Plant Growth and Development		+
11.	KST 112: Agricultural Botany	+	
12.	KST 120: Principles of Genetics		+
13.	UCU 100: Communication Skills	+	
14.	UCU 101: Development Studies	+	
15.	UCU 103: Introduction to Critical and Creative Thinking		+
	Level 200		
16.	KRM 214: Animal Nutrition and Feeds		+
17.	KBT 203: Agricultural Production Economics		+
18.	KCU 200: Statistics for Agriculture(<i>Prerequisite KCU 101</i>)	+	
19.	KCU 201: Principles of Crop Production	+	
20.	KCU 202: Principles of Soil Science	+	
21.	KRM 206: Farm Power and Agricultural Machinery		+
22.	KST 201: Crop Physiology	+	
23.	KRM 204: Principles of Animal Breeding		+
24.	KST 202: Plant Pathology		+
25.	KST 203: Agricultural Biochemistry	+	
26.	KST 210: Pastures and Fodder Crops		+
27.	KRM 215: Soil Chemistry		
28.	ASC 205: Rural Sociology	+	
29.	KST 200: Agricultural Microbiology		+
	Level 300		
30.	KCU 300: Field Attachment		+
31.	KRM 305: Research Methods, and Design of Agriculture experiments		+
32.	KRM 300: Soil Fertility and Plant Nutrition	+	
33.	KST 300: Principles of Seed Science and Technology	+	
34.	KRM 308: Annual Crops (<i>Prerequisite KCU 201</i>)	+	
35.	KST 301: Agricultural Entomology	+	
36.	KBT 213: Agribusiness Farm management		+
37.	KST 303: Agro-climatology and Meteorology		+
38.	KST 304: Weed Science and Management		+

39.	KST 307: Crop Production in Controlled Environment		+
40.	KRM 309: Perennial Crops (<i>Prerequisite KCU 201</i>)		+
41.	KRM 301: Ruminant Animals production	+	
42.	KRM 307: Non-Ruminant Production		+
43.	KST 318: Value Addition of Farm Products	+	
44.	KST 330: Field Course 1		

SN	Level 400		
45.	KBT 414: Entrepreneurship and Small Business Management	+	
46.	KCU 400: Research Project (equivalent to 2 units)	+	
47.	KRM 402: Principles of Organic and Conservation Agriculture	+	
48.	KRM 406: Soil and Water Conservation		+
49.	KST 401: Post Harvest Technology		+
50.	KST 407: Integrated Pest and Disease Management Strategies	+	
51.	KST 408: Agriculture Extension and Rural Development	+	
52.	KST 413: Agricultural Policy and Law in Kenya		+
53.	KRM 403: Principles of Irrigation and Drainage	+	
54.	KRM 411: Animal Health and Diseases		+
55.	KBT 211: Agricultural marketing		+
56.	KST 421: Horticultural Crops Production	+	
57.	KST 422: Agroforestry Development	+	
58.	KST 430: Field Course 2		

Master of Science Agronomy

Programme structure and pattern

The Master of Science Agronomy shall consist of coursework, examination and thesis. The M.Sc. programme shall take a minimum period of two years. In year one, a candidate will be required to take a total of 10 units. In year two, a candidate shall concentrate on research work and submit a thesis.

Master of Science (Agronomy)

SN	Unit Code and Title	Sem 1	Sem 2
1.	KCU 800: Biometry	+	
2.	KCU 801: Research Methods and Scientific Writing		+
3.	KST 800: Plant Physiology and Ecology	+	
4.	KST 808: Advanced Crop Production	+	
5.	KRM 802: Advanced Soil Fertility and Fertilizers	+	
6.	KST 811: Weed biology; Ecology and Management	+	
7.	KST 814: Advanced Seed Science and Technology		+
8.	KST 821: Industrial Crop Management		+
9.	KST 846: Advanced Plant Nutrition		+

10.	KST 813: Agricultural Biotechnology		+
*	KST 880: Thesis	In second year	

Master of Science (Plant Breeding)

SN	Unit Code and Title	Sem 1	Sem 2
1.	KCU 800: Biometry	+	
2.	KCU 801: Research Methods and Scientific Writing		+
3.	KST 813: Agricultural Biotechnology		+
4.	KST 814: Advanced Seed Science and Technology	+	
5.	KST 829: Crop-Pest/Pathogen Interactions		+
6.	KST 835: Utilization of Plant Genetic Resources	+	
7.	KST 837: Biosafety, Ethics and Policy		+
8.	KST 838: Plant Resistance to Biotic and Abiotic Stresses	+	
9.	KST 845: Population and Quantitative Genetics		+
10.	KST 847: Advanced Plant Breeding	+	
*	KST 880: Thesis	In second year	

Master of Science in Crop Protection (Entomology Option)

SN	Unit Code and Title	Sem 1	Sem 2
1.	KCU 800: Biometry	+	
2.	KCU 801: Research Methods and Scientific Writing		+
3.	KST 809: Integrated Pest Management Strategies		+
4.	KST 812: Plant Protection Products and Environment		+
5.	KST 819: Insect Physiology and Biochemistry	+	
6.	KST 822: Pests and Diseases of Stored Products		+
7.	KST 823: Advanced Insect Taxonomy and Morphology	+	
8.	KST 824: Insect Ecology		+
9.	KST 826: Arthropod Pests of plants	+	
10.	KST 838: Plant Resistance to Biotic and Abiotic Stresses	+	
*	KST 880: Thesis	In second year	

Master of Science in Crop Protection (Plant Pathology Option)

SN	Unit Code and Title	Sem 1	Sem 2
1.	KCU 800: Biometry	+	
2.	KCU 801: Research Methods and Scientific Writing		+
3.	KST 806: Insect Pests and Management	+	
4.	KST 812: Plant Protection Products and Environment		+
5.	KST 838: Plant Resistance to Biotic and Abiotic Stresses	+	
6.	KST 841: Plant Bacteriology	+	
7.	KST 842: Plant Mycology	+	

8.	KST 843: Plant Virology		+
9.	KST 844: Plant Nematology		+
10.	KST 856: Plant Disease Epidemiology		+
*	KST 880: Thesis	In second year	

Master of Science (Seed Technology and Trade)

SN	Unit Code and Title	Sem 1	Sem 2
1.	KBT 813: International Agricultural Trade		+
2.	KCU 800: Biometry	+	
3.	KCU 801: Research Methods and Scientific Writing		+
4.	KST 814: Advanced Seed Science and Technology	+	
5.	KST 835: Utilization of Plant Genetic Resources		+
6.	KST 837: Biosafety, Ethics, Policy and Law		+
7.	KST 846: Advanced Plant Nutrition		+
8.	KST 850: Seed Physiology and Biotechnology	+	
9.	KST 851: Seed Production, Storage and Quality Control	+	
10.	KST 854: Seed Trade Networks	+	
*	KST 880: Thesis	In 2nd year	

PhD Programme

	KST 900: PhD Thesis	

1.3 Department of Animal Sciences

Bachelor of Science (Animal Health and Production)

Programme structure and Duration

The Bachelor of Science (Animal Health and Production) shall consist of lectures, practical and field attachment. The course shall take a minimum 8 semesters and a candidate will be required to take 62 units, with minimum duration of *3165 hours of lectures*, practical, research project and field attachment.

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1.	KAS 101 :Basic Botany and Zoology	+	
2.	KAS 102 :Gross Anatomy I	+	
3.	KAS 103 :Animal Ecology and Environment	+	
4.	KAS 104 :Animal Physiology I	+	
5.	KAS 105 :Embryology	+	
6.	KAS 106 :Cell Biology	+	
7.	KAS 107 :Gross Anatomy II		+
8.	KAS 108 :Biochemistry		+
9.	KAS 109 :Animal Physiology II		+
10.	KAS 110 : Histology		+

11.	KAS 111 :Protozoology and Helminthology		+
12.	KAS 112 :Entomology		+
13.	KAS 113 :Introduction to Microbiology		+
14.	UCU 100 :Communication Skills	+	
15.	UCU103 :Introduction to Critical and Creative Thinking		+
16.	UCU 104 Entrepreneurship	+	
Level 200			
17.	KAS 201: Animal Physiology III	+	
18.	KAS 202 :Biochemistry II	+	
19.	KAS 203 :Animal Health Applied Skills	+	
20.	KAS 204 :Bacteriology	+	
21.	KAS 205 :Immunology	+	
22.	KAS 206 : Principles of Animal Nutrition	+	
23.	KAS 207 : Mycology		+
24.	KAS 208 Farm Structures and Mechanization		+
25.	KAS 209 :General Pathology I		+
26.	KAS 210 :Clinical Pathology		+
27.	KAS 211 :Epidemiology		+
28.	KAS 212 :Animal Genetics and Breeding		+
29.	KBT 213 :Farm Management		+
30.	KCU 200 :Agricultural Statistics	+	
Level 300			
31.	KAS 301 :Research Methods in Agriculture	+	
32.	KAS 302 :Feeds and Feeding	+	
33.	KAS 303 : Pastures and Fodder Production	+	
34.	KAS 304 :General Pathology II	+	
35.	KAS 305 :Beef Production	+	
36.	KAS 306 :Pharmacology	+	
37.	KAS 307 :Rangeland Resources Management	+	
38.	KAS 308 :Pasture Fodder Utilization and Conservation		+
39.	KAS 308 :Poultry Production		+
40.	KAS 310 :Metabolic and Nutritional Disorders		+
41.	KAS 311 :Microbial Diseases I		+
42.	KAS 312 : Farm and Field Training		+
43.	KAS 313 : Dairy Production		+
44.	KAS 314 Toxicology		+
45.	KBT 107 : Introduction to Agribusiness	+	
46.	KCU 300: Field Attachment	MAY	
Level 400			
47.	KAS 401 : Viral and Rickettsial Diseases	+	

48.	KAS 402 :Sheep and Goat Production	+	
49.	KAS 403 : Pig Production	+	
50.	KAS 404 :Apiculture and Aquaculture	+	
51.	KAS 405 :Protozoal and Helminth Diseases	+	
52.	KAS 406 :Reproductive Problems and their Management	+	
53.	KAS 407 :Rural Sociology and Development	+	
54.	KAS 408 :Zoonoses and One health Concept		+
55.	KAS 409 :Animal Welfare, Ethics and Law		+
56.	KAS 410 :Microbial Diseases II		+
57.	KAS 411 :Equines, Camels and Emerging Livestock		+
58.	KAS 412 :Public Health		+
59.	KAS 413 : Herd Health		+
60.	KAS 414 :Agricultural Extension		+
61.	KCU 400 :Research Project	+	
62.	KCU 400 :Research Project		+

*KCU Research Project is carried out in 2 semesters in Level 4

Masters of Science (Animal Nutrition and Management)

Programme Structure and Duration

The M.Sc. degree in Animal Nutrition and Management shall consist of coursework, examination and thesis. In year one, a candidate shall be required to take a total of 10 units, five in each Semester. In year two, a candidate shall conduct on research work and submit a thesis

Level 800				
SN	Unit Code and Title	Sem1	Sem2	Hours
1.	KCU 800: Biostatistics	+		36
2.	KCU 801: Research Methods		+	36
3.	KRM 830: Thesis	Year 2		
4.	KRM 854: Animal Nutrition and Metabolism	+		45
5.	KRM 855: Animal Feed Resources, Evaluation and Processing	+		45
6.	KRM 856: Advanced Animal Physiology		+	45
7.	KRM 857: Nutritional Biochemistry	+		45
8.	KRM 858: Biotechnology in Animal Nutrition		+	45
9.	KRM 859: Livestock Production Systems and Management	+		45
10.	KRM 860: Ruminant Nutrition and Feeding		+	45
11.	KRM 861: Non-Ruminant Nutrition and Feeding		+	45

2. SCHOOL OF ARCHITECTURE AND THE BUILT ENVIRONMENT

2.1 Department of Architecture and Interior Design

Bachelor of Architectural Studies/Bachelor of Architecture

Programme Structure and Duration:

The Bachelor of Architectural Studies/Bachelor of Architecture programme of study shall be divided into two parts: Part I [Bachelor in Architectural Studies] and Part II [Bachelor of Architecture]. Part I of the programme shall comprise of the first, second, third and fourth years of study plus three external practical attachments, while Part II shall comprise of the fifth and sixth years of study. The whole course shall comprise of an average of 7 units per semester that will be taught through lectures, design studio, fieldtrips, workshops and group discussions with 45 hours covered per unit except the common units.

A candidate shall be required to complete Part I [Bachelor in Architectural Studies] of the programme of study in not more than four years of study and Part II [Bachelor of Architecture] of the programme in not more than two years of study.

List of Units across Semesters:

LEVEL 100				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
1.	ABE 101 : Introduction to Geo-Physical environment	+		
2.	ABE102 :Introduction to Land Surveying		+	
3.	ARC 101 :Introduction to Environmental Design	+		
4.	ARC 102 :Introduction to Anthropology & Sociology		+	
5.	ARC 103 :History and Theory of Architecture I	+		
6.	ARC 104: Building Materials and Construction I		+	
7.	ARC 105 :Mathematics for Architecture	+		
8.	ARC 106: History and Theory of Architecture II		+	ARC 103
9.	ARC107:Architectural Communication I – presentation technics	+		
10.	ARC108 :Architectural Communication II – Anthro- metrics		+	ARC 107
11.	ARC 110 :Sustainable Design		+	ARC 101
12.	UCU 100: Communication Skills	+		
13.	UCU103 :Introduction to Critical and Creative Think- ing	+		
14.	UCU104 :Entrepreneurship		+	
LEVEL 200				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
15.	ARC 201 Building Science I (Thermal Design and En- ergy Efficiency)	+		

16.	ARC 202 :Theory and Design of Structures II		+	ARC 203
17.	ARC 203 :Theory and Design of Structures I	+		
18.	ARC 204: History and Theory of Architecture IV		+	ARC 103 ARC 106 ARC 205
19.	ARC 205 :History and Theory of Architecture III	+		ARC 103 ARC 106
20.	ARC 206: Interior Architecture		+	ARC 101
21.	ARC 207 :Building Materials and Construction II	+		ARC 104
22.	ARC 208 :ICT for Architecture		+	
23.	ARC209:ArchitecturalDesignI- Human Experience & Environmental Psychology	+		ARC 107 ARC 108
24.	ARC 210 :Building Science II (Lighting)		+	ARC 201
25.	ARC 211 :Building Economics	+		
26.	ARC 212 :Architectural Design II - Site Planning & Design		+	ARC 107 ARC 108 ARC 209
27.	ARC 214 Industrial Attachment (sem 3)			All 1 st & 2 nd year units
LEVEL 300				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
28.	ABE 301 :EIA & Audit for the Built Environment	+		
29.	ABE 302 :Research Methods		+	
30.	ARC 301: Land Valuation and Administration	+		
31.	ARC 302 :Urban and Regional Planning		+	
32.	ARC 303 :Landscape Architecture	+		
33.	ARC 304 :Building Services II		+	ARC 307
34.	ARC 305 :History and Theory of Architecture V	+		ARC 103 ARC 106 ARC 205 ARC 204
35.	ARC 306 :Architectural Conservation		+	
36.	ARC 307 :Building Services I	+		
37.	ARC 308 :Theory and Design of Structures III		+	ARC 203 ARC 202
38.	ARC 309 :Architectural Design III - Land Uses	+		ARC 107 ARC 108 ARC 209 ARC 212

39.	ARC 310 :Architectural Design (IV) - Tectonics		+	ARC 107 ARC 108 ARC 209 ARC 212 ARC 309
40.	ARC 311 :Building Science III (Acoustics)	+		ARC 201 ARC 210
41.	ARC 312 Industrial Attachment			All 2 nd year units
LEVEL 400				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
42.	ARC 401: Construction Management	+		ARC 307 ARC 304
43.	ARC 402 :Urban Design		+	ARC 302
44.	ARC 403 :Building Law	+		
45.	ARC 404 :Advanced Building Technology I		+	ARC 201 ARC 210 ARC 311
46.	ARC 405 :Architectural Design V - Technical Systems	+		ARC 107 ARC 108 ARC 209 ARC 212 ARC 309 ARC 310 ABE 302
47.	ARC 406 :Theory and Design of Structures IV		+	ARC 203 ARC 202 ARC 308
48.	ARC 408 :Architectural Design Project		+	ARC 107 ARC 108 ARC 209 ARC 212 ARC 309 ARC 310 ARC 405
49.	ARC 409 :Housing and Human Settlements	+		ARC 302
50.	ARC 410 :Industrial Attachment			ARC 214 ARC 312
LEVEL 500				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
51.	ARC 501 :Architectural Practice and Management	+		
52.	ARC 502 :Cost Planning and Control		+	
53.	ARC 503 :Contemporary Architectural Theory	+		ARC 103 ARC 106 ARC 205 ARC 204 ARC 305

54.	ARC 504 :Advanced Architectural Computing		+	ARC 208
55.	ARC 505 :Advanced Building Technology II	+		ARC 201 ARC 210 ARC 311 ARC 404
56.	ARC 506: Advanced Environmental and System Integration		+	ARC 505
57.	ARC 507: Advanced Architectural Design VII	+		ARC 107 ARC 108 ARC 209 ARC 212 ARC 309 ARC 310 ARC 405 ARC 408
58.	ARC 508 :Advanced Architectural Design VIII		+	ARC 107 ARC 108 ARC 209 ARC 212 ARC 309 ARC 310 ARC 405 ARC 408 ARC 507
59.	ARC 510 Research Proposal			ABE 302
Level 600: Year 6				
SN	Course Code and Title	Sem1	Sem2	Prerequisites
60.	ARC 601 Project programming	+		
61.	ARC 602 Research Project	+		ARC 510
62.	ARC 603 Advanced Architectural Design Project		+	ARC 510

2.2 Department of Real Estate Construction Management

Bachelor of Science in Real Estate

Program Structure and Duration

The Bachelor of Science (Real Estate) consists of course work, industrial training, examination and research project. The program shall take a minimum period of four years. In year one, two, three and four a candidate shall be required to take a total of 14 units per year making a total of 56 units for the entire four years with 45 hours covered per unit except the common units. In year three a candidate is required to do a twelve week industrial attachment period before proceeding to year three. In year four a candidate is required to submit a research project.

A candidate must satisfactorily undertake industrial attachment and pass the industrial training before proceeding to the next level of study. A candidate who fails in industrial attachment shall not be allowed to graduate. The industrial attachment shall be assessed as either a pass or a fail.

List of units across semester

SN	Course Code and Title	Sem1	Sem2	Sem3	Prerequi- sites	
Level 100						
1.	ABE101 Introduction to the Geo-Physical Environment	+				
2.	ABE102 Elements of Land Surveying		+			
3.	BRE101 Introduction to Computing Technology	+				
4.	BRE102 Architectural Drawing and Design		+			
5.	BRE103 Introduction to Real Estate Mathematics	+				
6.	BRE104 Building Technologies I		+			
7.	BRE105 Micro Economics	+				
8.	BRE106 Real Estate Statistics I		+		BRE 103	
9.	BRE107 Elements of Law and Government 45 Hrs	+				
10.	BRE108 Macro Economics		+		BRE 101	
11.	BRE110 Law of Contract and Tort		+			
12.	UCU 100 Communication Skills	+				
13.	UCU103 Introduction to Creative and Critical Thinking	+				
14.	UCU104 Entrepreneurship		+			
Year 2: Level 200						
15.	BRE 212 Property and Infrastructure Development		+			
16.	BRE201 Theory of Structures	+				
17.	BRE202 Elements of Urban and Regional Planning		+			
18.	BRE203 Land Economics I	+				
19.	BRE204 Land Economics II		+		BRE 203	
20.	BRE205 Principles of Valuation	+				
21.	BRE206 Building Materials and Finishes		+			
22.	BRE207 Principles of Management	+				
23.	BRE208 Principles of Agriculture and Forestry		+			
24.	BRE209 Building Technology II	+			BRE 104	
25.	BRE210 Principles of Finance		+			
26.	BRE211 Real Estate Statistics II	+			BRE 106	
27.	BRE213 Environmental Building Services	+				

28.	BRE214 Law of Real Estate		+			
Level 300						
29.	ABE301 Environmental Impact Assessment and Audit in the Built Environment	+				
30.	ABE302 Research Methods		+		BRE 106 BRE 211	
31.	BRE301 Land Information System	+				
32.	BRE302 Real Estate Investments and Appraisal		+			
33.	BRE303 Natural Resource Economics	+				
34.	BRE304 Applied Valuations II		+		BRE 103	
35.	BRE305 Real Estate Taxation	+				
36.	BRE306 Project Management Theory and Practice		+			
37.	BRE307 Real Estate Finance	+			BRE 210	
38.	BRE308 Property Management		+			
39.	BRE309 Applied Valuation I	+			BRE 205	
40.	BRE310 Housing Economics		+			
41.	BRE311 Commercial Law	+			BRE 107 BRE 110	
42.	BRE312 Property Maintenance		+			
43.	BRE314 Industrial Attachment (Tri-semester)		+	+		
Year 4: Level 400						
44.	BRE401 Research Project	+			All BRE units level 1, 2,3 & 400	
45.	BRE402 Research Project		+		All units level 1, 2, 3 &4	
46.	BRE403 Applied Valuation III	+			BRE 304	
47.	BRE404 Financial Accounting		+		BRE 210	
48.	BRE405 Facilities Management	+				
49.	BRE406 Principles of Marketing		+			
50.	BRE407 Contracts and Procurement in Real Estate	+				
51.	BRE408 Values and Risk Management		+			
52.	BRE409 Land Management and Policy Studies	+				

53.	BRE410 Property Dispute Resolution		+			
54.	BRE41 :Information Communication Technology in Real Estate	+				
55.	BRE412 Professional Practice and Ethics		+			

Bachelor of Science in construction management

Program structure and duration

The Bachelor of Science (Construction Management) consists of course work, studio, industrial training, examination and research project. The program shall take a minimum period of four years. To qualify for the award of the degree, the candidate should have successfully taken all the 67 units which are compulsory and structured as follows: Year one 16 units, Year two 19 units, Year three 18 units and Year four 14 Units. After year two and three, a candidate is required to do a twelve week industrial attachment period. In year four a candidate is required to submit a research project.

A candidate must satisfactorily undertake industrial attachment and pass the industrial training before proceeding to the next level of study. A candidate who fails in industrial attachment shall not be allowed to graduate. The industrial attachment shall be assessed as either a pass or a fail.

A candidate who undertakes supplementary examinations in any course units for the final year of study shall not be eligible for the award of a first class honors degree.

LEVEL 100:					
SN	Course Code and Title	Sem1	Sem2	Sem3	Prerequisites
1.	ABE101: Introduction to Geo-physical Environment	+			
2.	ABE102: Land Surveying in the Built Environment		+		
3.	BCM101: Construction Graphics I	+			
4.	BCM102: Computer Technology for Construction Managers		+		
5.	BCM103: Mathematics for Construction I	+			
6.	BCM104 :Mathematics for Construction II		+		
7.	BCM105: Construction Methods I	+			
8.	BCM106: Construction Methods II		+		BCM 105
9.	BCM107: History of Construction	+			
10.	BCM108: Construction Project Drawings and Graphics II		+		
11.	BCM110: Workshop Practice and Technology I		+		
12.	UCU 100: Communication Skills	+			
13.	UCU 103 :Introduction to Creative and Critical Thinking	+			
14.	UCU 104 :Entrepreneurship and Innovation Studies		+		

Level 200					
15.	BCM 200: Industry Based Learning (External)			+	
16.	BCM 201 :Construction Materials and Testing	+			
17.	BCM 202 :Site Development, Organization and Management		+		
18.	BCM 203 :Geology and Hydrology for Construction	+			
19.	BCM 204: Principles of Highway Engineering		+		BCM 103
20.	BCM 205: Construction Methods III	+			BCM 106
21.	BCM 206 : Architectural Drawing				BCM 101
22.	BCM 207: Soil Mechanics and Foundations	+			Strength of Construction Materials
23.	BCM 208: Construction Equipment and Methods				
24.	BCM 209: Mechanical and Electrical Systems	+			Construction Methods I
25.	BCM 210: Measurement and Design Appraisal 1		+		
26.	BCM 212: Economics for Construction Managers		+		
27.	BCM 213: Strength of Construction Materials	+			
28.	BCM 214 :Structural Analysis and Design				BCM 103 BCM 106
29.	BCM211 :Workshop Practice and Technology II	+			BCM 110
Level 300					
30.	ABE301: Environmental Impact Assessments and Audit	+			
31.	ABE 302: Research Methods		+		
32.	BCM 300 :Industry Based Learning (External)		+	+	
33.	BCM 301 :Project Management and Planning	+			
34.	BCM 303: Measurement and Design Appraisal II	+			BCM 210
35.	BCM 304: Construction Logistics		+		
36.	BCM 305: Maintenance and Renovation Management	+			
37.	BCM 306: Construction Contract Administration		+		BCM 307
38.	BCM 307: Construction Law	+			
39.	BCM 308:Cost Analysis and Bidding		+		
40.	BCM 309:Integrated Design Studio A	+			
41.	BCM 310: Integrated Design Studio B		+		BCM 110
42.	BCM302 :Principles of Construction Management		+		
Level 400					
43.	BCM 400: Construction Risk Management	+			
44.	BCM 402: Construction Professional Practice and Ethics		+		

45.	BCM 403: Construction Planning and Scheduling	+			BCM 304
46.	BCM 404: Construction Marketing		+		
47.	BCM 405: Labour Management for Construction	+			
48.	BCM 406: Total Quality Management in Construction		+		
49.	BCM 407 :Construction Safety Management	+			
50.	BCM 408: Construction Implementation Portfolio		+		
51.	BCM409: Construction Accounting and Financial mgt	+			
52.	BCM 411 :Construction Research Project	+			

2.3 Department of Spatial Planning and Urban Management

Bachelor of Science in Spatial Planning

Programme duration and structure

The Department of Spatial Planning and Urban Management offers the Bachelor of Science in Spatial Planning. This undergraduate programme covers duration of 4 years divided into 8 semesters with 45 hours covered per unit except the common units. Each academic year is divided into two semesters. In the third year of study, students proceed for industrial attachment during the trimester (semester 3). To graduate, students are expected to pass all 68 units including industrial attachment.

List of units across the semester

SN	Course Code and Title	Sem1	Sem2	Sem3
LEVEL 100				
1.	ABE101:Introduction to Geo-Physical Environment	+		
2.	ABE102:Land Survey in the Built Environment		+	
3.	BSP101: Introduction to theory of Planning	+		
4.	BSP102 :Statistics for Planners		+	
5.	BSP103: History and Development of Planning	+		
6.	BSP104 :Social and community planning		+	
7.	BSP105 :Studio I: Presentation, Visual and Graphic Communication I	+		
8.	BSP106: Economics for Planners		+	
9.	BSP108 :Quantitative Techniques for planners		+	
10.	BSP110 :Studio I: Presentation, Visual & Graphic Communication II(<i>Prerequisite- BSP 105</i>)		+	
11.	UCU 100: Communication Skills	+		
12.	UCU103 :Introduction To Creative and Critical Thinking	+		
13.	UCU104 :Entrepreneurship		+	
Level 200				
14.	BSP201 :Planning Theory and Methodology	+		
15.	BSP202 :GIS and Spatial data systems in Planning		+	

16.	BSP203 :Principles of Environmental Planning and Management	+		
17.	BSP204 :Participatory Planning Strategies		+	
18.	BSP205 :Remote sensing in Planning	+		
19.	BSP206 :County Governance and Planning		+	
20.	BSP207 :Rural Planning Principles and Techniques	+		
21.	BSP208 :Planning for Climate change adaptation and mitigation		+	
22.	BSP209 :Natural Resource Use Valuation and Management	+		
23.	BSP210 :Demography and Population dynamics		+	
24.	BSP211 :Studio II: Introduction to site analysis and design for planning(<i>Prerequisite- BSP 110</i>)	+		
25.	BSP212 :Studio III: Rural Planning(<i>Prerequisite- BSP 211</i>)		+	
Level 300				
26.	ABE301:EnvironmentalImpactAssessment&Audit in the Built Environment	+		
27.	ABE302 :Research methods		+	
28.	BSP301 :Urban Design for planners	+		
29.	BSP302 :Infrastructure Planning		+	
30.	BSP303 :Urban Planning principles and techniques	+		
31.	BSP304: Urban Renewal, Regeneration and Upgrading		+	
32.	BSP305 :Planning for Urban Housing & Community Facilities	+		
33.	BSP306: Development control and enforcement In Planning		+	
34.	BSP307 :Planning for Utilities, Services and Waste Management	+		
35.	BSP308: Recreation, conservation and tourism planning		+	
36.	BSP309: Urban Economics for Spatial Planners	+		
37.	BSP310 :Studio IV: Urban Planning II(<i>Prerequisite- BSP 311</i>)		+	
38.	BSP311 :Studio IV: Urban Planning I(<i>Prerequisite- BSP 212</i>)	+		
39.	BSP312 :Planning Field Attachment (Trimester)		+	+

Level 400				
40.	BSP401: Planning Policy and Project Management Techniques	+		
41.	BSP402 :Regional Development Policies and Principles		+	
42.	BSP403 :Planning Law and Regulation	+		
43.	BSP404 :Seminar on New Concepts and Innovations in Planning		+	
44.	BSP405 :Transportation Planning and Management	+		
45.	BSP406 :Professional Practice and Ethics		+	
46.	BSP407 :Planning Development and Management: Project Case Study	+		
47.	BSP408 :Studio V: Regional Planning II		+	
48.	BSP409 :Studio V: Regional Planning I(<i>Prerequisite- BSP 310</i>)	+		
49.	BSP410 :Planning Research project(<i>Prerequisite All BSP Courses in Level 100,200 & 300</i>)		+	

3. SCHOOL OF BUSINESS

3.1 Department of Management Science

3.2 Department of Accounting and Finance

3.3 Department of Business Administration

A unit shall cover 35 contact-hours except for project and thesis. Units in the Business Administration Department do not have prerequisite because of Policy of retakes. However, students are supposed to move progressively from Year 1, Y2, Y3 and Y4.

Certificate in Monitoring and Evaluation

Programme Structure and Duration

The programme duration will be one (1) Academic Year. The learner will be expected to take a total of twelve (12) units that is, six (6) units per semester.

Program Structure and Duration: 1 year with 12 units in total

SN	Unit Code And Title	Sem 1	Sem 2
1.	BAC 010: Basic Financial Accounting	+	
2.	BAC 011: Fundamentals of Project Cost Management		+
3.	BBA 010: Essentials of Management	+	
4.	BBA 011: Business Ethics		+
5.	BMS 009: M& E Systems Design And Implementation		+
6.	BMS 010: Project Communication	+	
7.	BMS 011: Essentials of Business Information Systems	+	
8.	BMS 012: Introduction to Business Statistics	+	
9.	BMS 013: Fundamentals of Project Management	+	
10.	BMS 014: Fundamentals of Monitoring And Evaluation		+
11.	BMS 019: Planning For Monitoring and Evaluation		+
12.	BMS 020: Fundamentals of Project Sustainability		+

Certificate (Project Management)

Programme Structure and Duration

The programme duration will be one (1) Academic Year. The learner will be expected to take a total of twelve (12) units that is, six (6) units per semester.

Program Structure and Duration: 1 year with 12 units in total

SN	Unit Code and Title	Sem 1	Sem 2
1.	BAC 010 : Basic Financial Accounting	+	
2.	BAC 011 : Fundamentals of Project Cost Management		+
3.	BBA 010 : Essentials of Management	+	
4.	BBA 011 : Business Ethics		+
5.	BHM 012 : Essentials of Human Resource Management		+
6.	BMS 010 : Project Communications	+	
7.	BMS 011 : Essentials of Business Information Systems	+	
8.	BMS 012 : Introduction to Business Statistics	+	
9.	BMS 013 : Fundamentals of Project Management	+	
10.	BMS 014 : Fundamentals of Monitoring And Evaluation		+
11.	BMS 015 : Fundamentals of Project Scheduling		+
12.	BMS 016 : Introduction to Project Procurement Management		+

Diploma (Monitoring and Evaluation)

Programme Structure and Duration

The programme duration will be two (2) academic years. In the first academic year of study, the learner will take ten (10) units, five units per semester. In the second academic year of study, the learner will take six (6) units in the first semester and two units in the second semester (attachment or research project). The programme consists of eighteen (18) units. In order to qualify for the award of the diploma, the candidate must pass all of these eighteen (18) units.

Program Structure and Duration: 2 years with 18 units in total

SN	Unit Code And Title	Sem 1	Sem 2	Sem 3
1.	BAC 030 : Fundamentals of Financial Management		+	
2.	BBA 030 : Principles and Practice of Management	+		
3.	BBA 033: Governance and Ethics			+
4.	BHM 032: Fundamentals of Human Resource Management	+		
5.	BMS 030 : Information and Communication Technology	+		
6.	BMS 031 : Quantitative Methods	+		
7.	BMS 033 : Project Planning and Design	+		
8.	BMS 034 : Fundamentals of Research Methods		+	
9.	BMS 037 : Principles of Monitoring and Evaluation	+		
10.	BMS 039: Project Management Consultancy			+
11.	BMS 040: Project Risk Management		+	
12.	BMS 043: Project Control			+
13.	BMS 045: Tools in Monitoring and Evaluation			+
14.	BMS 046: Fundamentals of Project Communication		+	
15.	BMS 047: Monitoring and Evaluation Indicators and Measurements		+	
16.	BMS 048: Data Analysis and Report Writing			+

*	BSU 051: Research Project (2 Units) /	Semester 4		
	BSU 050: Industrial Attachment (2 Units)			

Diploma (Project Management)

Programme Structure and Duration

The programme duration will be two (2) academic years. In the first academic year of study, the learner will take ten (10) units, five units per semester. In the second academic year of study, the learner will take six (6) units in the first semester and two units in the second semester (attachment or research project). The programme consists of eighteen (18) units. In order to qualify for the award of the diploma, the candidate must pass all of these eighteen (18) units.

Program Structure and Duration: 2 years with 18 units in total

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1.	BAC 030: Fundamentals of Financial Management		+	
2.	BBA 030: Principles and Practice Of Management	+		
3.	BBA 033: Governance and Ethics			+
4.	BHM 032: Fundamentals Of Human Resource Management	+		
5.	BMS 030: Information and Communication Technology	+		
6.	BMS 031: Quantitative Methods	+		
7.	BMS 032: Project Procurement Management			+
8.	BMS 033: Project Planning and Design	+		
9.	BMS 034: Fundamentals Of Research Methods		+	
10.	BMS 035: Operations Management		+	
11.	BMS 036: Project Quality Management		+	
12.	BMS 037: Principles of Monitoring & Evaluation	+		
13.	BMS 038: Project Management Methodologies			+
14.	BMS 039: Project Management Consultancy			+
15.	BMS 040: Project Risk Management		+	
16.	BMS 041: Project Sustainability			+
*	BSU 051: Research Project (2 Units) /	Semester 4		
	BSU 050: Industrial Attachment (2 Units)			

Diploma (Human Resource Management)

Programme Structure and Duration

The programme duration will be two (2) academic years. In the first academic year of study, the learner will take ten (10) units, five units per semester. In the second academic year of study, the learner will take six (6) units in the first semester and two units in the second semester (attachment or research project). The programme consists of eighteen (18) units. In order to qualify for the award of the diploma, the

candidate must pass all of these eighteen (18) units.

Program Structure and Duration: 2 years with 18 units in total

SN	Unit Title and Code	Sem 1	Sem 2	Sem3
1.	BBA 033: Governance and Ethics			+
2.	BBA 044: Organisation Behaviour	+		
3.	BBA 049: Organization Development			+
4.	BBA 050: Marketing Management		+	
5.	BHM 032: Fundamentals of Human Resource Management	+		
6.	BHM 042: Personnel Policies			+
7.	BHM 043: Philosophy of Human Resource Development	+		
8.	BHM 045: Labour Legislation			+
9.	BHM 046: Industrial Relations		+	
10.	BHM 047: Labour Economics		+	
11.	BHM 048: Employee Compensation		+	
12.	BHM 051: Industrial & Commercial Law	+		
13.	BMS 030: Information and Communication Technology	+		
14.	BMS 031: Quantitative Methods	+		
15.	BMS 034: Fundamentals of Research Methods			+
16.	BMS 070: Supplies Management		+	
*	BSU 051: Research Project (2 Units) / BSU 050: Industrial Attachment (2 Units)	Semester 4		

Diploma (Business Management)

Programme Structure and Duration

The programme duration will be two (2) academic years. In the first academic year of study, the learner will take ten (10) units, five units per semester. In the second academic year of study, the learner will take six (6) units in the first semester and two units in the second semester (attachment or research project). The programme consists of eighteen (18) units. In order to qualify for the award of the diploma, the candidate must pass all of these eighteen (18) units.

Program Structure and Duration: 2 years with 18 units in total

SN	Unit Code and Title	Sem 1	Sem 2	Sem3
1.	BAC 030: Fundamentals of Financial Management		+	
2.	BBA 030: Principles and Practice of Management	+		
3.	BBA 033: Governance and Ethics			+
4.	BBA 044: Organisation Behaviour	+		
5.	BBA 050: Marketing Management	+		
6.	BBA 055: Management and Organization Theory			+
7.	BBA 056: Money and Banking			+

8.	BBA 059: Business Policy and Strategic Planning			+
9.	BHM 051: Industrial & Commercial Law	+		
10.	BHM 058: Personnel Management		+	
11.	BHM 061: Labour and Industrial Relations		+	
12.	BMS 030: Information and Communication Technology	+		
13.	BMS 031: Quantitative Methods	+		
14.	BMS 034: Fundamentals of Research Methods			+
15.	BMS 062: Production and Operations Management		+	
16.	BMS 070: Supplies and Management		+	
*	BSU 051: Research Project (2 Units) / BSU 050: Industrial Attachment (2 Units)	Semester 4		

Diploma (Marketing)

Programme Structure and Duration

The programme duration will be two (2) academic years. In the first academic year of study, the learner will take ten (10) units, five units per semester. In the second academic year of study, the learner will take six (6) units in the first semester and two units in the second semester (attachment or research project). The programme consists of eighteen (18) units. In order to qualify for the award of the diploma, the candidate must pass all of these eighteen (18) units

Program Structure and Duration: 2 years with 18 units in total

SN	Unit Titles and Codes	Sem 1	Sem 2	Sem3
1	BAC 030: Fundamentals of Financial Management		+	
2	BBA 030: Principles and Practice of Management	+		
3	BBA 033: Governance and Ethics			+
4	BBA 044: Organization Behaviour	+		
5	BBA 050: Marketing Management		+	
6	BBA 063: Marketing in Specialized Field			+
7	BBA 064: Marketing Information and Research		+	
8	BBA 065: Marketing Planning and Control		+	
9	BBA 066: International Marketing			+
10	BBA 071: Public Relations			+
11	BHM 032: Fundamentals of Human Resource Management	+		
12	BHM 051: Industrial & Commercial Law	+		
13	BMS 030: Information and Communication Technology	+		
14	BMS 031: Quantitative Methods	+		
15	BMS 034: Fundamentals of Research Methods			+
16	BMS 070: Supplies Management		+	
*	BSU 051: Research Project (2 Units) / BSU 050: Industrial Attachment (2 Units)	Semester 4		

Bachelor of Commerce (B.Com)

Programme Structure and Duration

In the Bachelor of Commerce programme, students are expected to take a minimum of 49 units to qualify for graduation. During the first year and second year all the units are common, in the third, students move to specializations of their choice. The Bachelor of Commerce Undergraduate programme shall extend over a period of four (4) academic years.

A student in the School of Business may choose courses from the following departments:

- ☐ Accounting and Finance
- ☐ Business Administration
- ☐ Management Sciences

In the First Year of study, a student shall be required to take a minimum of thirteen (13) units distributed as follows: Three (3) University units i.e. UCU 100: Communication Skills, UCU104: Introduction to Entrepreneurship, UCU 103: Introduction to Critical and Creative Thinking and Ten (10) departmental units chosen from the departments within the School, such that the student takes an approved combination of units from each department. An approved combination of subjects after the first year of study shall have a minimum of Twelve (12) units per academic year. In all the years of study, permission to take a specific unit shall be subject to a student meeting the departmental requirements. Subject to the approval of the Department concerned, a student may be permitted to take one audit unit per subject per year. Such a unit will not be examined and may be a service unit, offered by any department. At the beginning of level three of study, students shall be required to choose a study option from the list of academic options offered in the School of Business, namely:

(a) Accounting and Finance Department

Accounting

Finance

(b) Business Administration

i) Marketing

ii) Entrepreneurship

(c) Management Sciences

i) Management Science

ii) Actuarial Science

iii) Procurement and Supply Chain Option

(d) Human Resource Management

i) Human Resource Management

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	BAC 100: Fundamental of Accounting I	+		
2	BAC 101: Fundamentals of Accounting II		+	BAC 100
3	BBA 100 Business Studies	+		
4	BBA 101 Business Law I	+		
5	BBA 102 Principles of Management		+	
6	BMS 101 Introduction to Insurance		+	
7	BMS 102 Management Mathematics II		+	BMS 100

8	BMS100 Management Mathematics I	+		
9	EET 100 Microeconomics Theory I	+		
10	EET 101 Macroeconomics Theory II		+	
11	UCU 100 Communication Skills	+		
12	UCU 103: Introduction to Critical creative Thinking		+	
13	UCU 104: Introduction to Entrepreneurship	+	+	
SN	Level 200 Unit Code and Title	Sem 1	Sem 2	
1	BAC 200 Accounting for Assets	+		BAC 101
2	BAC 201 Accounting for Liabilities and Equities		+	BAC 101
3	BAC 202 Cost Accounting I	+ BAC 101		
4	BAC 203 Business Finance I	+		
5	BAC 204 Business Finance II		+	BAC 203
6	BBA 200 Organization Behaviour	+		
7	BBA 201 Principles of Marketing		+	
8	BBA 204: Technology and Creativity	+		
9	BMS 200 Business Statistics I	+		
10	BMS 201 Computer Programming	+		
11	BMS 202 Risk Management		+	
12	EET 200 Microeconomics Theory I	+		
13	EET 201 Macroeconomic Theory II		+	
	Level 300 Core Units			
1	BAC 300: Management Accounting I	+		BAC 202
2	BBA 300: Organization Theory	+		
3	BBA 301: Human Resource Management I	+		
4	BBA 302: Business Law II		+	
5	BSU 305: Research Methods		+	
6	EAE 313: Public Finance	+		
	Accounting Option (Required)			
1	BAC 301: Advanced Financial Accounting I	+		BAC 200 BAC 201
3	BAC 302: Advanced Financial Accounting II		+	BAC 301
2	BAC 303: Principles of Auditing	+		BAC 200 BAC 201
4	BAC 304: Fundamentals of Taxation		+	
5	BAC 306: Bankruptcy and Reorganization		+	BAC 201
6	BAC 314: Financial Ethics		+	
	Finance Option (Required)			
1	BAC 305: Financial Markets and Institutions	+		BAC 204
2	BAC 308 Corporate Finance	+		

3	BAC 309: Financial Derivatives		+	
4	BAC 310: Economics of Money and Banking		+	
5	BAC 310: Management of Financial Institutions		+	
6	BAC 314: Financial Ethics		+	
	Entrepreneurship Option (Required)			
1	BAC 316: Financing for Small Businesses		+	
2	BBA 310: Entrepreneurship and Small Business Management		+	
3	BBA 315: Marketing and Small Business Enterprises	+		
4	BBA 317: Entrepreneurial Behaviour	+		
5	BBA 319: Business Planning		+	
	Marketing Option (Required)			
1	BBA 303: Marketing Strategies and Plans		+	
2	BBA 304: Consumer Behaviour		+	
3	BBA 305: Marketing of Services	+		
4	BBA 306: International Marketing	+		
5	BBA 307: Marketing Research		+	
	Human Resource Management Option (Required)			
1	BBA 314: Public Relations		+	
2	BHM 308: Human Resource Management II		+	
3	BHM 309: Employee, Training and Development	+		
4	BHM 322: Work and Reward		+	
5	EAE 304: Labour Economics	+		
	Entrepreneurship, Marketing and Human Resource Management (Electives)			
1	BBA 311: Business Communication		+	
2	BBA 312: Office Management		+	
3	BBA 313: Management of Cooperatives		+	
4	BHM 320: Recruiting and Staffing		+	
5	EAE 304 :Labour Economics	+		
	Management Science Option (Required)			
1	BMS 300: Systems Analysis & Design	+		
2	BMS 301: Operations Research 1	+		
3	BMS 302: Applied Statistical Methods		+	
4	BMS 303: Database Design & Management		+	
5	BMS 304: Operations Research II		+	
	Management Science Option Electives			
1	BMS 306: Data Communications		+	
2	BMS 307: Computer Simulations		+	
	Actuarial Science Option			
1	BMS 310: Pensions	+		
2	BMS 311: Actuarial Science I	+		

3	BMS 312: Re-Insurance		+	
4	BMS 313: Life Contingencies		+	
5	BMS 314: Demographic Statistics		+	
	Actuarial Science Electives			
1	BMS 308: Insurance Law		+	
2	BMS 309: Property Insurance		+	
3	BMS 316: Financial Operations of Insurance Markets		+	
	Procurement and Supply Chain Management Option (Required)			
1	BMS 317: Principles of Supply Chain Management	+		
2	BMS 318: Principles of Procurement Management	+		
3	BMS 319: Logistics Management		+	
4	BMS 320: Storage and Warehouse Management		+	
5	BMS 321: Supplier Quality Management		+	
6	BMS 322: Generation of Requirements		+	
	Level 400 - Unit Code and Title	Sem 1	Sem 2	
	Core Units			
1	BBA 400: Business Policy and Decisions	+		
2	BBA 401: Company Law	+		
3	BBA402: Management of International Business		+	
4	BMS 400: Management Information System		+	
	Required Units			
	Accounting Option			
1	BAC 400: Tax Laws and Practice	+		BAC 304
2	BAC 401: Auditing Practice and Investigation	+		BAC 303
3	BAC 402: Specialized Financial Accounting	+		BAC 302
4	BAC 403: Management Accounting II		+	BAC 300
5	BAC 404: Cost Accounting II		+	BAC 202
6	BAC 405: Accounting Theory		+	BAC 302 BAC 303
7	BAC 410: Public Sector Accounting	+		BAC 302
8	BAC 411: Trust and Executorships (Elective)		+	
9	BAC 409: Forensic Accounting (Elective)		+	
	Finance Option (Required)			
1	BAC 406: International Financial Management	+		BAC 204
2	BAC 407: Financial Statement Analysis	+		BAC 200 BAC 201
3	BAC 408: Applied Investment		+	BAC 204
4	BAC 412: Entrepreneurial Finance	+		
5	BAC 413: Marketing of financial Services		+	
6	BAC 414: Real Estate Finance		+	

7	BMS 404: Econometric Models and Methods	+		
8	EAE 401: Monetary Theory and Policy		+	
	Entrepreneurship Option(Required)			
1	BBA 404: Innovation and New Product Management		+	
2	BBA 425:Small Business Consulting	+		
3	BBA 427:Internationalization of Small Firms	+		
4	BBA 428: Social and Corporate Entrepreneurship		+	
5	BBA 429: Trends and Emerging Issues in Entrepreneurship		+	
6	BMS 401:Operations Management	+		
	Marketing Option (Required)			
1	BBA 403: Sales Management	+		
2	BBA 404: Innovation and New Product Management		+	
3	BBA 405: Advertising Management	+		
4	BBA 407: Retail Marketing Management	+		
5	BBA 409: Industrial Marketing		+	
6	BBA 411: Agricultural Marketing		+	
	Human Resource Management Option (Required)			
1	BBA 410: Total quality Management		+	
2	BHM 406: Industrial and Labour Relations	+		
3	BHM 408: Employee counselling and Crisis Management		+	
4	BHM 420: Contemporary Issues in HRM		+	
5	BHM 421: Occupational Health and Safety Management	+		
6	BHM 422: Industrial Psychology	+		
	Marketing and Human Resource Management (Electives)			
1	BBA 412: Applied Marketing Research	+		
2	BBA 413: Selected Topics in Business Strategies	+		
3	BBA 414 Management of Public Enterprises		+	
4	BBA 415: Commercial Law	+		
5	BHM 423: Sociology of Work, Management and Employment		+	
6	EAE 407: Agricultural Economics		+	
7	EAE 408: Economics of Industry		+	

SN	Management Science Option (Required)		
1	BMS 401: Production & Operations Management	+	
2	BMS 402: Advanced Operations Research	+	
3	BMS 404: Econometric Models & Methods	+	
4	BMS 405: Decision Support & Expert Systems		+
5	BMS 406: Project Management		+

	Management Science Option Electives		
1	BBA 410: Total Quality Management		+
2	BMS 403: Electronic Commerce	+	
3	BMS 415: Research Project		+
4	BMS 420: Project Monitoring & Evaluation		+
	Actuarial Science Option		
1	BMS 407: Loss Models	+	
2	BMS 408: Graduation Mathematics	+	
3	BMS 410: Insurance Brokerage	+	
4	BMS 411: Credibility and Ruin Theory		+
5	BMS 414: Actuarial Science II		+
	Actuarial Science Option Electives		
1	BMS 409 : Marine Insurance		+
2	BMS 412: International Insurance Market		+
3	BMS 413: Motor Insurance		+
4	BMS 416: Assurance of the Person	+	
5	BMS 417: Liability Insurance		+
6	BMS 418: Medical Insurance		+
	Procurement and supply chain Management option (Required)		
1	BBA 410: Total Quality Management		+
2	BMS 401: Production and Operations Management	+	
3	BMS 422: Procurement & Supply Law	+	
4	BMS 423: Supplier Relationship Management	+	
5	BMS 424: Negotiation Skills		+
6	BMS 425: Strategic Procurement Management		+
7	BMS 426: Public Procurement Management (Elective)	+	
8	BMS 427: International Purchasing(Elective)		+

Bachelor of Human Resource Management

Programme Structure and Duration

The Programme shall take a minimum of three years and a maximum of four years for fulltime students.

The Programme shall take a minimum of four years and maximum of six years for part time students.

The Programme consists of a total of forty nine (49) units.

Students are expected to take seven units the first semester, first year and six units in the other consecutive semesters.

Students will take a maximum of seven (7) and minimum of three (3) coursework units per semester.

SN	LEVEL 100 -Unit Code and Title	Sem 1	Sem 2

1	ASC 100: Introduction to Sociology	+	
2	BAC 100: Fundamentals of Accounting I	+	
3	BBA 100: Business Studies	+	
4	BBA 101: Business Law I	+	
5	BBA 102: Principles of Management		+
6	BHM 110: Motivation and Stress Management		+
7	BHM 111: Career Guidance and Management		+
8	BHM 113: Human Resource Computer Interaction		+
9	BHM 114: Business Ethics	+	
10	EPS 100: Introduction to Psychology	+	
11	UCU 100: Communication Skills		+
12	UCU 103: Critical Thinking		+
13	UCU 104: Introduction to Entrepreneurship	+	
	Level 200 -Unit Code and Title	Sem 1	Sem 2
14	APS 203: Cross-Cultural Psychology		+
15	BBA 200: Organization Behavior	+	
16	BHM 221:HR Policy Analysis and Management		+
17	BHM 222: Organization Development	+	
18	BHM 223: Organizational Learning and Innovation		+
19	BHM 224: Human Resource Planning and Job Analysis	+	
20	BHM 225: Conflict Management	+	
21	BHM 226: Pensions Management		+
22	BHM 227: Corporate Governance in Human Resource Management	+	
23	BHM 228: Leadership Development and Management	+	
24	BHM 229: Labor Laws		+
25	BMS 202: Risk Management		+
	Level 300- Unit Code and Title	Sem 1	Sem 2
26	BBA 300: Organization Theory	+	
27	BBA 311: Business Communication		+
28	BBA 312: Office Management		+
29	BBA 314: Public Relations		+
30	BHM 301: Human Resource Management I	+	
31	BHM 308: Human Resource Management II		+
32	BHM 309: Employee Training and Development	+	
33	BHM 320: Recruitment and Staffing		+
34	BHM 322: Work and Reward	+	
35	BHM 323: Performance Management	+	
36	BHM 324: Human Resource Information Systems	+	
37	BSU 305: Research Methods		+
	Level 400 - Unit Code and Title	Sem 1	Sem 2
38	BBA 410: Total Quality Management		+

39	BHM 401: Change Management		+
40	BHM 406: Industrial and Labour Relations	+	
41	BHM 408: Employee Counselling and Crisis Management		+
42	BHM 420: Contemporary Issues in human resource management	+	
43	BHM 421: Occupational Health, Safety and Welfare	+	
44	BHM 422: Industrial Psychology	+	
45	BHM 423: Sociology of Work Management and Employment	+	
46	BHM 446: International Human Resource Management		+
47	BHM 447: Strategic Human Resource Management		+
48	BHM 448: Managing Diverse Work Force	+	
49	BHM 450: Industrial Practicum		+

Master of Business Administration (MBA)

The Programme Structure and Duration

The programme of study for the MBA degree consists of coursework, examination and project. The programme is offered in four modes; full-time, part-time (evening classes), Institutional Based and open learning with students in the three modes being required to take a total of twenty (20) units by the end of the programme. In the first year of study, a student will be required to take all the 10 units offered in the school. In the second year of study a student: will be required to take the two (2) school common units and the 3 core (required) units according to the chosen area of specialization. Shall take any two (2) elective from the approved list. Such electives may also be taken from the approved list of units from the other programmes within the school, Shall undertake a research project. The research project is equivalent to 4 units. At the end of the programme, a student will be required to have specialized in one of the following: Marketing, Human Resource Management, Entrepreneurship, Finance, Strategic Management, Project Management and Evaluation & Management Information Systems (MIS).

Programme Structure and Duration: 2 Years with 20 Units in Total

SN	Unit Codes and Titles	Sem1	Sem2	Sem 3
1	BAC 813: Financial Accounting	+		
2	BAC 814: Management accounting		+	
3	BAC 815: Financial Management		+	
4	BBA 820: Managerial Functions	+		
5	BBA 821: Managerial Economics		+	
6	BBA 822: Human Resource Management	+		
7	BBA 823: Strategic Management		+	
8	BBA 840: Marketing Management	+		
9	BMS 840: Quantitative Techniques	+		
10	BMS 841: Management Information Systems		+	
11	BSU 805: Research Methods		+	
12	BSU806: Research Project (4 Units)	Semester 4		
	Marketing Option (Required)			

1	BBA 843: Marketing Research			+
2	BBA 844: Marketing Communication Strategies			+
3	BBA 845: Strategic Marketing Management			+
4	BBA 846: Global Marketing			+
5	BBA 848: Marketing Management Seminar			+
Human Resource Management (Required)				
1	BBA 825: Human Resources Employment and Development			+
2	BBA 826: Employee Reward and Compensation			+
3	BBA 829: Management of Strategic Change			+
4	BBA 830: Industrial Relations and Law			+
5	BBA 888: Human Resource Management Seminar			+
Entrepreneurship (Required)				
1	BBA 829: Management of Strategic Change			+
2	BBA 870: Entrepreneurship and Small Business Development			+
3	BBA 871: Economics of Entrepreneurship			+
4	BBA 872: Entrepreneurial Environments			+
5	BBA 876: Entrepreneurship Development Seminar			+
Strategic Management (Required)				
1	BBA 829: Management of Strategic Change			+
2	BBA 831: Total Quality Management			+
3	BBA 860: Business Strategic Behaviour and Leadership			+
4	BBA 861: Global Strategic Management			+
5	BBA 862: Strategic Management Seminar			+
Finance (Required)				
1	BAC 819: Financial Analysis			+
2	BAC 820: International Finance			+
3	BAC 821: Finance Seminar			+
4	BAC 822: Entrepreneurial Finance			+
5	BAC 823: Corporate Finance			+
Project Management Option				
1	BMS 842: Project Planning & Organization			+
2	BMS 843: Project Financing & Resource Scheduling			+
3	BMS 844: Project Monitoring & Evaluation			+
4	BMS 848: Operations Research I			+
5	BMS 849: Operations Management			+
Management Information Systems Option				
1	BMS 845: Database Management			+
2	BMS 846: Data Communication & Networking			+
3	BMS 847: Systems Analysis & Design			+
4	BMS 850: E-Commerce Systems Management			+
5	BMS 851: Advanced Management Information Systems			+

Master of Science (MSc) in Finance

Programme Structure and Duration

The programme of study for the MSc (Finance) degree shall consist of coursework, examination and thesis. The programme is offered in two modes, full-time and part-time with students in both modes being required to take a total of twenty (20) units by the end of the programme. In the first year of study, a student will be required to take ten (10) core units and any two (2) of approved electives. Such electives may also be taken from the approved list of units from the other programmes within the school. In the second year of study, a student will concentrate on research work and submit a thesis. The thesis is equivalent to eight (8) units

Programme Structure and Duration: 10 units in total

SN	Unit Codes and Titles	Sem1	Sem2
1	BAC 816: Theory of Finance	+	
2	BAC 817: Financial Intermediation	+	
3	BAC 818: Financial Econometrics	+	
4	BAC 819: Financial Analysis	+	
5	BAC 820: International finance		+
6	BAC 821: Finance Seminar		+
7	BAC 822: Entrepreneurial Finance		+
8	BAC 824: Corporate Finance		+
9	BAC 826: International Money and Banking		+
10	BBA 821: Managerial Economics	+	
11	BMS 839: Applied Statistics		+
12	BSU 805: Research Methods	+	
*	BSU 807: Thesis (8 units)	Year 2	

Master of Science (MSc.) in Marketing

Programme Structure and Duration

The programme of study for the MSc (Marketing) degree shall consist of coursework, examination and thesis. The programme is offered in two modes, full-time and part-time with students in both modes being required to take a total of twenty (20) units by the end of the programme. In the first year of study, a student will be required to take ten (10) core units and any two (2) of approved electives. Such electives may also be taken from the approved list of units from the other programmes within the school. In the second year of study, a student will concentrate on research work and submit a thesis. The thesis is equivalent to eight (8) units

Program Structure and Duration: 2 years with 18 units in total

S N	Unit Title	Sem 1	Sem 2
1	BBA 840: Marketing Management.	+	
2	BBA 842: Theory and Process of Consumer Behaviour	+	
3	BBA 843: Marketing Research		+

4	BBA 845: Strategic Marketing Management		+
5	BBA 846: Global Marketing		+
6	BBA 848: Marketing Management Seminar		+
7	BBA 849: Retail Enterprises Management	+	
8	BBA 850: Advertising Media Policy and Strategies	+	
9	BBA 857: New Product Development		+
10	BBA 872: Entrepreneurial Environments	+	
11	BMS 839: Applied Statistics		+
12	BSU 805: Research Methods	+	
*	BSU 807: Thesis (8 Units)	Year 2	

Master of Science in Human Resource Management

Programme Structure and Duration

Program Structure and Duration: 2 years with 18 units in total

The programme of study for the MSc (Human Resource Management) degree shall consist of course-work, examination and thesis. The programme is offered in two modes, full-time and part-time with students in both modes being required to take a total of twenty (20) units by the end of the programme. In the first year of study, a student will be required to take ten (10) core units and any two (2) of approved electives. Such electives may also be taken from the approved list of units from the other programmes within the school. In the second year of study, a student will concentrate on research work and submit a thesis. The thesis is equivalent to eight (8) units

SN.	Unit Codes And Titles	Sem 1	Sem 2
1	BBA 823: Strategic Management		+
2	BBA 824: Organizational Behaviour	+	
3	BBA 829: Management of Strategic Change		+
4	BBA 831: Total Quality Management	+	
5	BHM 822: Human Resources Management	+	
6	BHM 825: Human Resources Employment and Development	+	
7	BHM 826: Employee Reward and Compensation.	+	
8	BHM 830: Industrial Relations and Law		+
9	BHM 833: Industrial Health, Safety, and Welfare		+
10	BHM 888: Human Resource Management Seminar		+
11	BMS 839: Applied Statistics		+
12	BSU 805: Research Methods	+	
*	BSU 807: Thesis (8 Units)	Year 2	

Master of Science in Entrepreneurship Development

Programme Structure and Duration

Program Structure and Duration: 2 years with 18 units in total

The programme of study for the MSc (Entrepreneurship) degree shall consist of coursework, examination and thesis. The programme is offered in two modes, full-time and part-time with students in both modes being required to take a total of twenty (20) units by the end of the programme. In the first year of study, a student will be required to take ten (10) core units and any two (2) of approved electives. Such electives may also be taken from the approved list of units from the other programmes within the school. In the second year of study, a student will concentrate on research work and submit a thesis. The thesis is equivalent to eight (8) units.

SN.	Unit Codes And Titles	Sem 1	Sem 2
1	BBA 868: Policy Studies in Entrepreneurship	+	
2	BBA 829: Management of Strategic Change		+
3	BBA 869: Business Consulting	+	
4	BBA 870: Entrepreneurship and Small Business Development	+	
5	BBA 871: Economics of Entrepreneurship	+	
6	BBA 873: Credit and Micro Finance for Small Business		+
7	BBA 875: Marketing for Small Enterprises		+
8	BBA 876: Entrepreneurship Development Seminar		+
9	BBA 877: Business Planning	+	
10	BBA 889: Monitoring and Evaluation		+
11.	BMS 839: Applied Statistics		+
12	BSU 805: Research Methods	+	
*	BSU 807: Thesis (8 Units)	Year 2	

Master of Project Monitoring and Evaluation:

Programme Structure and Duration

Program structure and Duration: 2 years of 18 units in total

The M & E programme is designed to take 2 academic years The Programme consists of a total of eighteen (18) units comprising of course work (14 units) and project (4 units). Students will take a maximum of five (5) and minimum of four (4) coursework units per semester. Students shall embark on the project upon completion of the coursework.

SN.	Unit Codes and Titles	Sem 1	Sem 2	Sem 3
1	BAC 827: Project Financial Management	+		
2	BBA 817: Ethics and Governance in M&E		+	
3	BBA 818: Project Strategy and Leadership			+
4	BBA 820: Management Functions	+		
5	BMS 840: Quantitative Techniques	+		
6	BMS 841: Management Information Systems		+	

7	BMS 842: Project Planning and Organization	+		
8	BMS 864: Theories and Paradigms of M&E Studies	+		
9	BMS 865: Monitoring and Evaluation Tools and Techniques		+	
10	BMS 866: Monitoring and Evaluation Systems		+	
11	BMS 867: Impact Assessment in Projects			+
12	BMS 868: Project Risk and Safety Management			+
13	BMS 869: Data Analysis in M & E			+
14	BSU 805: Research Methods		+	
*	BSU 806: Research Project (Equivalent to 4 units)	Semester 4		

Doctor of Philosophy (PhD) in Business

Programme Structure and Duration

The Programme shall take a minimum of three years and a maximum of four years for fulltime students.

The Programme shall take a minimum of four years and maximum of six years for part time students. The Programme consists of a total of seventeen (17) units comprising of nine (9) course work units and thesis (8 units). Students will take a maximum of three (3) and minimum of two (2) coursework units per semester. Students shall embark on the thesis upon completion of the coursework.

Programme Structure and Duration: 3 Years of 17 Units in Total

SN	Unit Codes and Titles	Sem1	Sem2	Sem3
	Core			
1.	BBA 920: Economic Analysis for Business Decisions			+
2.	BMS 900: Statistics for Business I	+		
3.	BMS 901: Business Research Methods	+		
4.	BMS 902: Statistics for Business II		+	
5.	BMS 919: Data Analysis and Measurement			+
6.	BSU900: Thesis	Semester 4-6		
	Accounting Option (Required)			
7.	BAC 900: Accounting theory	+		
8.	BAC 902: Theory of taxation		+	
9.	BAC 903: Accounting Seminar		+	
10.	BAC 904: Independent Study in Accounting			+
	Finance Option (Required)			
11.	BAC 901: Empirical Finance		+	
12.	BAC 905: Theory of Finance	+		
13.	BAC 906: Finance Seminar		+	
14.	BAC 907: Independent Study in Finance			+
	Marketing Option (Required)			

15.	BBA 921: Consumer Behaviour		+	
16.	BBA 922: Marketing Theory	+		
17.	BBA 929: Marketing Seminar		+	
18.	BBA 930: Independent Study in Marketing			+
	Human Resource Management Option (Required)			
19.	BBA 924: Organizational Theory and Behaviour	+		
20.	BHM 923: Human Resource Development		+	
21.	BHM 931: Human Resource Management Seminar		+	
22.	BHM 932: Independent Study in Human Resource Management			+
	Strategic Management Option (Required)			
23.	BBA 925: Global Business Strategies		+	
24.	BBA 926: Theoretical Foundations of Strategic Management	+		
25.	BBA 933: Strategic Management Seminar		+	
26.	BBA 934: Independent Study in Strategic Management			+
	Entrepreneurship Option (Required)			
27.	BBA 927: Entrepreneurship and Business Development	+		
28.	BBA 928: Planning for Growth in Entrepreneurship		+	
29.	BBA 935: Entrepreneurship Seminar		+	
30.	BBA 936: Independent Study in Entrepreneurship			+
	Management Science Option			
31.	BMS 903: Decision Models & Analysis	+		
32.	BMS 907: Advanced Operations Management		+	
33.	BMS 908: Seminar in Management Science		+	
34.	BMS 909: Independent Study in Management Science			+
	Management Information Systems Option			
35.	BMS 905: Strategic Information Systems	+		
36.	BMS 913: Advanced Topics in Information Systems		+	
37.	BMS 914: Seminar in Management Information Systems		+	
38.	BMS 915: Independent Study in Information Systems			+
	Project Management Option			
39.	BMS 906: Project Economic Analysis		+	
40.	BMS 916: Theoretical Foundations of Project Management	+		
41.	BMS 917: Seminar in Project Management		+	
42.	BMS 918: Independent Study in Project Management			+
	Actuarial Science and Insurance Option			
43.	BMS 904: Stochastic Analysis of Insurance Portfolios	+		
44.	BMS 910: Advanced Actuarial Science Models		+	
45.	BMS 911: Seminar in Actuarial Science & Insurance		+	
46.	BMS 912: Independent Study in Actuarial Science & Insurance			+

4. SCHOOL OF CREATIVE AND PERFORMING ARTS, FILM AND MEDIA STUDIES

4.1 Department of Communication, Media, Film & Theatre Studies

Diploma in Communication and Media Studies

Programme Structure

This is a 2 year course spread out in four semesters in which a student fulfills 24 units. In the first semester, the student takes six (6) units while in the second semester he/she takes seven (7) units. The student also takes seven (7) units in the third semester with 35 contact hours. In the fourth semester the student proceeds for attachment around Nairobi area in media, public relations, advertising or a related company. This attachment is combined with the project. The project has to be in a media related field. The project and the attachment are weighted as two units each.

List of Rationalised Unit Codes and Titles across Semesters

SN	Unit code and Title	Sem1	Sem2
1.	CCM 030: Fundamentals of Journalism	+	
2.	CCM 031: Basics of Communication	+	
3.	CCM 032: Fundamentals of Radio Broadcasting	+	
4.	CCM 033: Fundamentals of News Writing and Reporting	+	
5.	CCM 034: Principles of Feature and Specialized writing,	+	
6.	CCM 035: Basics of Corporate Documentary & Video Production		+
7.	CCM 036: Essentials of Writing in Communication		+
8.	CCM 037: Fundamentals of TV Production and Directing		+
9.	CCM 038: Basics of Advertising		+
10.	CCM 039: Basic Techniques of Print Media Layout and Design		+
11.	CCM 040: Basics of Audio and Video Scripting Techniques		+
12.	CCM 041: Basics of Public Relations		+
13.	CCM 042: Essentials of Copy Editing in Print Media		+
14.	CCM 043: Fundamentals of Photography and Photojournalism	+	
15.	CCM 044: Essentials of Online Journalism	+	
16.	CCM 045: Principles of Media & Communication Law and Ethics	+	
17.	CCM 046: Basics of TV News Anchorage	+	
18.	CCM 047: Media project		+
19.	CCM 048: Internship/Field Attachment (12 weeks)		+
20.	CFT 033: Fundamentals of Public Speaking	+	
21.	CFT 042: Fundamentals of Audio and Video Editing	+	
22.	UCU 100: Communication Skills	+	

Bachelor of Communication and Media Studies

Course Structure

The Bachelor of Communication and Media Studies programme shall take four academic years of two semesters each. In order to graduate with a Bachelor of Communication and Media Studies, a candidate must have completed at least 54 units. In addition to the three (3) university common units, students in the first year of study shall take the twelve (12) units. In the second year of study, the student shall take another twelve (12) units of offered by the Department of Communication and Media Studies. In the third year of study, the student shall again take fourteen (14) units seven in either the media or communication option. In the fourth year of study, the student shall be required to take fourteen (14) units, seven in each semester, with one being a workshop, independent project or media criticism project with 35 contact hours per unit. The student shall thereafter proceed on a long attachment of twelve (12) weeks in a media or communication related company. The attachment is weighted as two units.

List of rationalized units across semesters

Level 100			
SN	Unit Code/Title	Sem 1	Sem 2
1.	CCM 100: Introduction to Communication Studies	+	
2.	CCM 101: History of Mass Media	+	
3.	CCM 102: English for Mass Communication	+	
4.	CCM 103: Kiswahili for Mass Communication		+
5.	CCM 104: Principles of Mass Communication	+	
6.	CCM 105: Media and Society	+	
7.	CCM 107: Advertising I		+
8.	CCM 108: Introduction to Journalism and Mass Media		+
9.	CCM 109: Writing for Mass Media		+
10.	CCM 110: Psychology of Communication		+
11.	CCM106:IntroductiontoCommunication&Information Technologies		+

Level 200			
SN	Unit Code/Title	Sem 1	Sem 2
12.	CCM 200: Radio Broadcasting Techniques I	+	
13.	CCM 201: Photography and Photojournalism	+	
14.	CCM 202: Public Speaking	+	
15.	CCM 203: Writing and Reporting for Print Media	+	
16.	CCM 204: Corporate Communication	+	
17.	CCM 205: Public Relations I	+	
18.	CCM 206: Electronic News Writing and Reporting		+
19.	CCM 207: Graphic Design and Presentation		+
20.	CCM 208: Fundamentals of Online and Interactive Media Production		+
21.	CCM 209: Editing in Print media		+
22.	CCM 210: Information Sourcing and Management in Communication.		+
23.	CCM 211: Advertising II (<i>Prerequisite CCM 107</i>)		+

Level 300: Media Option			
SN	Unit Code/Title	Sem 1	Sem 2
24.	CCM 300: Television Broadcasting Techniques	+	
25.	CCM 301: Communication and Media Law and Ethics	+	
26.	CCM 302: Media Globalization	+	
27.	CCM 306: Public Relations II (<i>Prerequisite CCM 205</i>)	+	
28.	CCM 307: Advertising and Copywriting		+
29.	CCM 308: Feature and Specialized Writing and Reporting		+
30.	CCM 309: Editing for Radio	+	
31.	CCM 310: Editing for Television		+
32.	CCM 311: Journalism and Communication Research		+
33.	CCM 312: Investigative Journalism		+
34.	CCM 327: Television graphics and Design	+	
35.	CCM 333: Parliamentary and Legal Procedures	+	
36.	CCM 350: Environmental Reporting		+
37.	CFT 300: Research Methods	+	

Level 300: Communication Option			
SN	Unit Code/Title	Sem 1	Sem 2
38.	CFT 300: Research Methods	+	
39.	CCM 301: Communication and Media Law and Ethics	+	
40.	CCM 302: Global Communications and Media Globalization	+	
41.	CCM 303: Communication for Development	+	
42.	CCM 304: Communication Theory	+	
43.	CCM 305: Communication and Gender		+
44.	CCM 306: Public Relations II	+	
45.	CCM 307: Advertising and Copywriting		+
46.	CCM 321: Communications in International Relations		+
47.	CCM 320: Organizational Communications		+
48.	CCM 325: Communication Culture and Technology	+	
49.	CCM 326: Business and Professional Writing		+
50.	CCM 328: Leadership In Communication		+
51.	CCM 329: Public Relations Writing and Interviewing		+

Level 400 Media Option				
SN	Unit Code/Title	Sem1	Sem2	Sem 3
52.	CCM 402: Government and Media Relations	+		
53.	CCM 405: Management in Advertising	+		
54.	CCM 406: Radio Broadcasting Techniques II (<i>Prerequisite CCM 200</i>)	+		
55.	CCM 408: Digital Video Recording and Editing	+		
56.	CCM 410: Experimental Video: Production and Analysis	+		

57.	CCM 412: Studio Sound and Lighting	+		
58.	CCM 413: Internship/Field Attachment			+
59.	CCM 418: Writing For Public Relations		+	
60.	CCM 419: TV Production		+	
61.	CCM 425: Media Management And Entrepreneurship		+	
62.	CCM 430: Sports Journalism		+	
63.	CCM 453: Human Rights Reporting		+	
64.	Either CCM 415: Digital Journalism Workshop Or CCM 416: Print Journalism Workshop Or CCM 417: Television Journalism Workshop Or CCM 485: Independent Study Or CCM 489: Media Criticism Project	+	+	

LEVEL 400 Communication Option				
SN	Unit Code/Title	Sem 1	Sem 2	Sem 3
65.	CCM 400: Strategic Communication	+		
66.	CCM 401: Conflict Resolution and Negotiation	+		
67.	CCM 403: Political Communication	+		
68.	CCM 404: Intercultural Communication	+		
69.	CCM 405: Management in Advertising	+		
70.	CCM 407: Integrated Marketing Communication		+	
71.	CCM 411: Documentary & other Non-Fiction Genres		+	
72.	CCM 413: Communication Internship/Field Attachment			+
73.	CCM 418: Writing For Public Relations		+	
74.	CCM 420: Brand Design And Communication	+		
75.	CCM 421: Critical Issues In Strategic Communications		+	
76.	CCM 426: Applied Corporate Event Management		+	
77.	Either CCM 414: Communication Project Or CCM 485: Independent Study	+	+	

Master of Arts in Communication and Media Studies

Programme Structure

The Master of Arts (Communication and Media Studies) programme by course work and thesis, shall take two academic years of two semesters each. In order to graduate with a Master of Arts (Communication and Media Studies) by course work and thesis, a candidate must have completed at least 20 units. In addition to the one school unit (UCU 800), the students shall take nine (9) units offered in the Department in the first year of study. In the second year of study, the student will be expected to carry out a media or communication related field research and submit a written thesis for examination.

Rationalized Units across Semesters

SN	Unit code and Title	Sem1	Sem2
1.	CCM 801: Media Policy and Law	+	
2.	CCM 802: Communication and Media Theory and Criticism	+	
3.	CCM 803: Perspectives of Media Writing and Editing	+	
4.	CCM 804: Professional, Legal and Ethical issues in Communication	+	
5.	CCM 805: Media Research		+
6.	CCM 806: Statistical Tools in Communication and Media		+
7.	CCM 807: Public and Media Relations		+
8.	CCM 809: Advanced Advertising in Communication and Media		+
9.	CCM 810: Propaganda, Persuasion and the Media	+	
10.	CCM 811: Advanced Radio Broadcasting Techniques	+	
11.	CCM 812: Advanced TV Production Techniques	+	
12.	CCM 813: Advanced Print Journalism Techniques	+	
13.	CCM 814: Project		+
14.	UCU 800: Advanced Research Methodology	+	

Certificate in Film and Theatre Arts

Programme Structure

This is a one year course that runs in two semesters. Students takes Six (6) units in each of these two semesters . with 35 contact hours per unit Each unit is taught in a practical oriented manner.

SN	Unit Code/Title	Sem 1	Sem 2
1.	CFT 001: Introduction to Media and Society	+	
2.	CFT 002: Introduction to Acting for Stage	+	
3.	CFT 003: Introduction to Stage Craft	+	
4.	CFT 004: Introduction to Production for Children	+	
5.	CFT 005: Introduction to Puppet Theatre	+	
6.	CFT 006: Introduction to Radio Broadcasting Techniques	+	
7.	CFT 007: Introduction to Directing		+
8.	CFT 009: Introduction to Costume and Make-Up		+

9.	CFT 010: Introduction to Dance Skills		+
10.	CFT 011: Introduction to Playwriting		+
11.	CFT 012: The Fundamentals of Children's Theatre		+
12.	CFT 019: Introduction to Theatre and Film Marketing and Management		+

Diploma in Film and Theatre Arts

Course Structure

This is a two (2) year course spread out in four (4) semesters in which a student fulfills twenty four (24) units. In the first semester, students take six (6) units while in the second semester they take seven (7) units. The student also takes seven (7) units in the third semester with 35 contact hours per unit. In the fourth semester students proceed for attachment around Nairobi area in a theatre, film, media or a related company. This attachment is combined with the project. The project has to be in film, theatre or photography. The project and the attachment are weighted as two units each.

First Year			
SN	Unit Code/Title	Sem 1	Sem 2
1.	CCM 032: Fundamentals of Radio Broadcasting Techniques.		+
2.	CFT 031: Foundations of Traditional African Theatre	+	
3.	CFT 032: Fundamentals of Acting	+	
4.	CFT 033: Fundamentals of Public Speaking	+	
5.	CFT 034: Fundamentals of Scriptwriting	+	
6.	CFT 035: Introduction to Theatre for Development	+	
7.	CFT 036: Basics in the Art and Technique of Film Making	+	
8.	CFT 037: Fundamentals of Theatre and Film Marketing and Management		+
9.	CFT 038: Beginning Acting for TV and Film		+
10.	CFT 039: Fundamentals of Stage Directing		+
11.	CFT 040: Basics in Video Camera Operation		+
12.	CFT 042: Fundamentals of Audio-Video Editing		+
13.	CFT 052: Introduction To Film Genres		+
Second Year			
SN	Unit Code/Title	Sem 1	Sem 2
14.	CFT 043: Basic Dance Skills and Choreography	+	
15.	CFT 044: Fundamentals of Documentary and Non-Fiction Film	+	
16.	CFT 045: Basic Sound and Lighting	+	
17.	CFT 046: Basic Photography and Design	+	
18.	CFT 050: Internship/ Attachment (Equivalent to 2 Units)		++
19.	CFT 054: Fundamentals of Screenwriting	+	
20.	CFT 055: Basic Animation	+	

21.	CFT 056: The Art of Film Directing	+	
22.	Diploma Project (Equivalent to 2 Units) Either CFT 048: Stage Production Project Or CFT 049: Film Production Project		++

Diploma in Digital Animation

Course Structure

This is also a two (2) year course spread out in four semesters in which a student fulfills 24 units. In the first semester, the student takes six (6) units while in the second semester he/she takes seven (7) units. The student also takes seven (7) units in the third semester with 35 contact hours per unit. In the fourth semester the student proceeds for attachment around Nairobi area in an animation or a related company. This attachment is combined with the project. The project has to be in animation. The project and the attachment are weighted as two units each.

List of rationalized units across semesters

First Year			
SN	Unit Code/Title	Sem 1	Sem 2
1.	CFT 061: Cartoon drawing	+	
2.	CFT 062: History of Animation	+	
3.	CFT 063: Graphic Design I – Image Editing(<i>Prerequisite CFT 070</i>)	+	
4.	CFT 064: Digital Multimedia Production	+	
5.	CFT 065: Introduction to 3D Animation(<i>Prerequisite CFT 068</i>)	+	
6.	CFT 066: Storyboarding	+	
7.	CFT 067: Visual Effects, Special Effects & Compositing Fundamentals		+
8.	CFT 068: Introduction to 2D animation		+
9.	CFT 069: Free Hand drawing		+
10.	CFT 070: Graphic design II – Vector Drawing		+
11.	CFT 071: Character Animation		+
12.	CFT 072: Models Creation and texturing I		+
13.	UCU 100: Communication Skills		+
Second Year			
SN	Unit Code/Title	Sem 1	Sem 2
1.	CFT 050: Internship (Equivalent to 2 Units)		++
2.	CFT 073: 2D Animation Intermediate	+	
3.	CFT 074: Character Setup and Skinning	+	
4.	CFT 075: Web Design	+	
5.	CFT 076: Sound Design	+	

6	CFT 077: Visualization	+	
7	CFT 078: Motion Graphics	+	
8	CFT 079: Lights and Render	+	
9	CFT 080: Diploma Project in Animation (Equivalent to 2 Units)		++

Bachelor of Arts (Film and Theatre Arts)

Programme Structure and Duration

The Bachelor of Arts (Film and Theatre Arts) programme shall take four academic years of two semesters each. In order to graduate with a Bachelor of Arts (Film and Theatre Arts), a candidate must have completed at least 53 units. In addition to the three (3) University common units, students in the first year of study shall take the ten (10) units offered in the Department and one offered in the Department of Communication and Media Studies. In the second year of study, the student shall take 10 units offered in the Department and two (2) units offered by the Department of Communication and Media Studies. In the third year of study, the student shall again take twelve (12) units, six (6) in each semester and proceed on a four (4) weeks short attachment at the end of third year with 35 contact hours per unit. In the fourth year of study, the student shall be required to take again twelve (12) units, six (6) in each semester and thereafter proceed on a long attachment of twelve (12) weeks in a film, photography, theatre or related company. The attachment is weighted as two units.

List of rationalized units across semesters

First Year Level			
SN	Unit Code/Title	Sem 1	Sem 2
1	CCM 105: Media and Society	+	
2	CFT 100: Introduction to Kenyan Theatre- Precolonial	+	
3	CFT 101: Introduction to Dance Skills	+	
4	CFT 102: Theatre in Education	+	
5	CFT 103: The Art of Story Telling	+	
6	CFT 104: Basic Principles of Acting	+	
7	CFT 106: History of Film		+
8	CFT 107: Film Genres		+
9	CFT 108: Acting for TV and Film		+
10	CFT 109: Video Camera Operations I		+
11	CFT111: Art and Technique of Film Making		+
Second Year Level			
SN	Unit Code/Title	Sem 1	Sem 2
1	CCM 200: Radio Broadcasting Techniques I	+	
2	CCM 211: Advertising	+	
3	CFT 201: Stage Acting		+
4	CFT 204: Playwrighting I	+	
5	CFT 205: Stage Directing I	+	
6	CFT 206: Film Theory and Criticism	+	

7	CFT 207:Screenwriting I		+	
8	CFT 208: Film Directing I		+	
9	CFT 209: Pyschodrama		+	
10	CFT 210:Theatre Criticism		+	
11	CFT 211: Video Camera Operations II (<i>Prerequisite CFT 109</i>)	+		
12	CFT 212: Documentary and Non Fiction Film		+	
Third Year Level				
SN	Unit Code/Title	Sem 1	Sem 2	Sem2
1	CFT 300: Research Methods	+		
2	CFT 301: Arts Marketing and Management	+		
3	CFT 302: Stagecraft	+		
4	CFT 304: Stage Directing II(<i>Prerequisite CFT 205</i>)		+	
5	CFT 305:Animation	+		
6	CFT 306: Playwriting II(<i>Prerequisite CFT 204</i>)	+		
7	CFT 307: Costume and Make-Up Design		+	
8	CFT 310: Entertainment Law and Ethics		+	
9	CFT 312: Dance Choreography		+	
10	CFT 315: Screenwriting II(<i>Prerequisite CFT 207</i>)	+		
11	CFT 316: Audio Video Editing I		+	
12	CFT 317: Film Directing II(<i>Prerequisite CFT 208</i>)		+	
13	CFT 331: Computer Graphics in Film		+	
14	CFT 332: Four weeks field attachment			+
Fourth Year Level				
SN	Unit Code/Title	Sem 1	Sem 2	Sem3
1	CFT 401: Theatre for Development	+		
2	CFT 402: Sound in Film Production	+		
3	CFT 405: Photography and Design	+		
4	CFT 407: Stage Performance		+	
5	CFT 409: Adjudicating Drama and Theatre		+	
6	CFT 410: Radio Theatre	+		
7	CFT 412: Practicum (Mandatory)			++
8	CFT 415: Visual Effects		+	
9	CFT 417: Audio/Video Editing II. (<i>Prerequisite CFT 316</i>)		+	
10	CFT 424: Cinematography		+	
11	CFT 425: Lighting in Theatre Production	+		
12	CFT418: Project	+	+	

Bachelor of Arts (Theatre Arts)

Programme Structure and Duration

The Bachelor of Arts (Theatre Arts) programme shall take four academic years of two semesters each.

In order to graduate with a Bachelor of Arts (Theatre Arts), a student must have completed at least 53 units. In addition to the three (3) university common units, students in the first year of study shall take the ten (10) units offered in the Department and one offered in the Department of Communication and Media Studies. In the second year of study, the student shall take ten (10) units offered in the Department and two (2) units offered in the Department of Communication and Media Studies. In the third year of study, the student shall take twelve (12) purely theatre arts units, six (6) in each semester and proceed on a four (4) weeks short attachment at the end of third year in a theatre related company or institution. In the fourth year of study, the student shall be required to take again twelve (12) purely theatre arts units, six (6) in each semester and thereafter proceed on a long attachment of twelve (12) weeks in a theatre or related company. The attachment is weighted as two units with 35 contact hours per unit.

First Year Level			
SN	Unit Code/Title	Sem 1	Sem 2
1	CCM 105: Media and Society	+	
2	CFT 100: Introduction to Kenyan Theatre- Precolonial	+	
3	CFT 101: Introduction to Dance Skills	+	
4	CFT 102: Theatre in Education	+	
5	CFT 103: The Art of Story Telling	+	
6	CFT 104: Basic Principles of Acting	+	
7	CFT 106: History of Film		+
8	CFT 107: Film Genres		+
9	CFT 108: Acting for TV and Film		+
10	CFT 109: Video Camera Operations I		+
11	CFT111: Art and Technique of Film Making		+
Second Year Level			
SN	Unit Code/Title	Sem 1	Sem 2
1	CCM 200: Radio Broadcasting Techniques I	+	
2	CCM 211: Advertising	+	
3	CFT 201: Stage Acting		+
4	CFT 204: Playwrighting I	+	
5	CFT 205: Stage Directing I	+	
6	CFT 206: Film Theory and Criticism	+	
7	CFT 207: Screenwriting I		+
8	CFT 208: Film Directing I		+
9	CFT 209: Pyschodrama		+
10	CFT 210: Theatre Criticism		+
11	CFT 211: Video Camera Operations II(<i>Prerequisite CFT 109</i>)	+	
12	CFT 212: Documentary and Non Fiction Film		+
SN	Level 300 – Theatre Arts Option		
1	CFT 300: Research Methods	+	
2	CFT 301: Arts Marketing and Management	+	
3	CFT 302: Stagecraft	+	
4	CFT 303: Children's Theatre	+	
5	CFT 304: Stage Directing II(<i>Prerequisite CFT 205</i>)		+

6	CFT 306: Playwriting II(<i>Prerequisite CFT 204</i>)	+		
7	CFT 307: Costume and Make-Up Design		+	
8	CFT 308: Puppet Theatre		+	
9	CFT 309: Drama Therapy		+	
10	CFT 310: Entertainment Law and Ethics		+	
11	CFT 312: Dance Choreography		+	
12	CFT 318: Musical Theatre 1: Directing	+		
13	CFT 332: Four weeks field attachment			+
Fourth Year Level 400				
SN	Unit Code/Title	Sem 1	Sem 2	Sem 3
1	CFT 401: Theatre for Development	+		
2	CFT 403: Modern Theatre	+		
3	CFT 406: Scenic Fabrication and Installation		+	
4	CFT 407: Stage Performance		+	
5	CFT 408: Musical Theatre 2: Production(<i>Prerequisite CFT 318</i>)		+	
6	CFT 409: Adjudicating Drama and Theatre		+	
7	CFM 410: Radio Theatre	+		
8	CFT 425: Lighting in Theatre Production	+		
9	CFT 426: Sound in Theatre Production	+		
10	CFT418: Project	+	+	
11	CFT 427: Costume Construction and Wardrobe Management.		+	
12	CFT 412: Practicum (Mandatory)			+

Bachelor of Arts (Film Studies)

The Bachelor of Arts (Film Studies) programme shall take four academic years of two semesters each. In order to graduate with a Bachelor of Arts (Film Studies), a candidate must have completed at least 53 units. In addition to the three (3) university common units, students in the first year of study shall take the ten (10) units offered in the Department and one offered in the Department of Communication and Media Studies (CCM 105). In the second year of study, the student shall take 10 units offered in the Department and two (2) units offered by the Department of Communication and Media Studies. In the third year of study, the student shall again take twelve (12) purely film units, six (6) in each semester and proceed on a four (4) weeks short attachment at the end of third year I a film related company or institution. In the fourth year of study, the student shall be required to take again twelve (12) purely film units, six in each semester and thereafter proceed on a long attachment of twelve (12) weeks in a film, photography or related company. The attachment is weighted as two units with 35 contact hours per unit.

First Year Level			
SN	Unit Code/Title	Sem 1	Sem 2
1	CCM 105: Media and Society	+	
2	CFT 100: Introduction to Kenyan Theatre- Precolonial	+	
3	CFT 101: Introduction to Dance Skills	+	
4	CFT 102:Theatre in Education	+	

5	CFT 103: The Art of Story Telling	+		
6	CFT 104: Basic Principles of Acting	+		
7	CFT 106: History of Film		+	
8	CFT 107: Film Genres		+	
9	CFT 108: Acting for TV and Film		+	
10	CFT 109: Video Camera Operations I		+	
11	CFT111: Art and Technique of Film Making		+	
Second Year Level				
SN	Unit Code/Title	Sem 1	Sem 2	
1	CCM 200: Radio Broadcasting Techniques I	+		
2	CFT 201: Stage Acting		+	
3	CFT 204: Playwrighting I	+		
4	CFT 205: Stage Directing I	+		
5	CCM 211: Advertising(<i>Prerequisite CFT 109</i>)	+		
6	CFT 206: Film Theory and Criticism	+		
7	CFT 207:Screenwriting I		+	
8	CFT 208: Film Directing I		+	
9	CFT 209: Pyschodrama		+	
10	CFT 210:Theatre Criticism		+	
11	CFT 211: Video Camera Operations II	+		
12	CFT 212: Documentary and Non Fiction Film		+	
Third Year Level 300				
SN	Unit Code/Title	Sem 1	Sem 2	Sem3
1	CFT 300: Research Methods	+		
2	CFT 301: Arts Marketing and Management	+		
3	CFT 305:Animation	+		
4	CFT 307: Costume and Make-Up Design		+	
5	CFT 310: Entertainment Law and Ethics		+	
6	CFT 315: Screenwriting II(<i>Prerequisite CFT 207</i>)	+		
7	CFT 316: Audio Video Editing I		+	
8	CFT 317: Film Directing II(<i>Prerequisite CFT 208</i>)		+	
9	CFT 322: Animation II(<i>Prerequisite CFT 305</i>)		+	
10	CFT 323: Film Scoring	+		
11	CFT 325: Introduction To Documentary Video Pro-duction	+		
12	CFT 331: Computer Graphics in Film		+	
13	CFT 332: Four weeks field attachment			+
Fourth Year Level				
SN	Unit Code/Title	Sem 1	Sem 2	Sem 3
1	CFT 400: Lighting in Film Production	+		
2	CFT 402: Sound in Film Production	+		
3	CFT 404: Film for Development	+		

4	CFT 405: Photography and Design	+		
5	CFT 414: Adjudicating Film		+	
6	CFT 415: Visual Effects		+	
7	CFT 417: Audio/Video Editing II. (<i>Prerequisite CFT 316</i>)		+	
8	CFT418: Project	+	+	
9	CFT 420: Women in Film	+		
10	CFT 423: Film and Environment		+	
11	CFT 424: Cinematography		+	
12	CFT 412: Practicum/ Field attachment (Mandatory)			++

Master of Arts (Film Studies)

Structure and Duration for M.A in Film Studies by Thesis

The Master of Arts (Film Studies) programme by course work and thesis, shall take two (2) academic years of two (2) semesters each. In order to graduate with a Master of Arts (Film Studies) by course work and thesis, a candidate must have completed at least 20 units. In addition to the one school unit (PUCU 800: General Research Methods), the students shall take nine (9) units offered in the Department in the first year of study. In the second year of study, the student will be expected to carry out a film related field research and submit a written thesis for examination.

List of rationalized units across semesters

SN	Unit Code/Title		
	First Year Level	Sem 1	Sem 2
23.	CFT 802: History of Stage Directing		+
24.	CFT 804: Advanced Dramatic Theory		+
25.	CFT 805: Current Trends in Theatre	+	
26.	CFT 815: Advanced Screen Analysis		+
27.	CFT 818: Advanced Film Theory	+	
28.	CFT 819: Current Trends in Film		+
29.	CFT 820: Advanced Screen Writing	+	
30.	CFT 821: Kenyan Film		+
31.	CFT 823: Advanced Videography	+	
32.	PUCU 800: General Research Methodology	+	
	Second Year Level		
	THESIS	+++ ++	+++ ++

M.A in Film Studies by Course Work and Project

Programme Structure and Duration

The Master of Arts (Film Studies) by course work and project programme shall take two (2) academic years of two (2) semesters each. In order to graduate with a Master of Arts (Film Studies) by course work and project, a candidate shall complete at least 20 units. In addition to the one school unit (PUCU 800: General Research Methods), the students shall take nine (9) units offered in the Department in the first year of study. In the second year of study, the student shall take five (5) units in the first semester and carry out a film related field research and submit a written project report for examination in the second semester.

	First Year Level		
SN	Unit Code/Title	Sem 1	Sem 2
1	CFT 802: History of Stage Directing		+
2	CFT 804: Advanced Dramatic Theory		+
3	CFT 805: Current Trends in Theatre	+	
4	CFT 815: Advanced Screen Analysis		+
5	CFT 818: Advanced Film Theory	+	
6	CFT 819: Current Trends in Film		+
7	CFT 820: Advanced Screen Writing	+	
8	CFT 821: Kenyan Film		+
9	CFT 823: Advanced Videography	+	
10	UCU 800: General Research Methodology	+	
	Second Year Level		
1	CFT 816: History of Film Directing	+	
2	CFT 812: Dramatic Arts in Television	+	
3	CFT 846: African Film	+	
4	CFT 844: Children's Film	+	
5	CFT 825: Documentary Film Survey	+	
6	CFT 822: Project Work		++ +

Master of Arts (Theatre Arts)

Programme Structure and Duration for M.A in Theatre Arts with Thesis

The Master of Arts (Theatre Arts) by course work and thesis programme shall take two academic years of two semesters each. In order to graduate with a Master of Arts (Theatre Arts) by course work and thesis, a candidate must have completed at least 20 units. In addition to the one school unit (PUCU 800: General Research Methods), the students shall take nine (9) units offered in the Department in the first year of study. In the second year of study, the student will be expected to carry out a theatre related field research and submit a written thesis for examination.

SN	Unit Code/Title		
	First Year Level	Sem 1	Sem 2
1	CFT 802: History of Stage Directing		+
2	CFT 804: Advanced Dramatic Theory		+
3	CFT 805: Current Trends in Theatre	+	
4	CFT 815: Advanced Screen Analysis		+

5	CFT 818: Advanced Film Theory	+	
6	CFT 819: Current Trends in Film		+
7	CFT 820: Advanced Screen Writing	+	
8	CFT 821: Kenyan Film		+
9	CFT 823: Advanced Videography	+	
10	PUCU 800: General Research Methodology	+	
	Second Year Level		
	THESIS	+	+

Structure and Duration of M.A in Theatre Arts by Course Work and Project

Programme Structure and Duration

The Master of Arts (Theatre Arts) by coursework and project programme shall take two (2) academic years of two (2) semesters each. In order to graduate with a Master of Arts (Theatre Arts) by course work and project, a candidate shall complete at least twenty (20) units. In addition to the one school unit (PUCU 800: General Research methods), the students shall take nine (9) units offered in the Department in the first year of study. In the second year of study, the student shall take five (5) units in the first semester and carry out a theatre arts or a related field research and submit a written project report for examination in the second semester.

	First Year Level		
SN	Unit Code/Title	Sem 1	Sem 2
1	CFT 802: History of Stage Directing		+
2	CFT 804: Advanced Dramatic Theory		+
3	CFT 805: Current Trends in Theatre	+	
4	CFT 815: Advanced Screen Analysis		+
5	CFT 818: Advanced Film Theory	+	
6	CFT 819: Current Trends in Film		+
7	CFT 820: Advanced Screen Writing	+	
8	CFT 821: Kenyan Film		+
9	CFT 823: Advanced Videography	+	
10	UCU 800: General Research Methodology	+	
	Second Year Level		
1	CFT 812: Dramatic Arts in Television	+	
2	CFT 822: Project Work		+
3	CFT 825: Documentary Film Survey	+	
4	CFT 831: Advanced Children's Theatre	+	
5	CFT 843: African Political Theatre	+	
6	CFT 844: Children's Film	+	

Doctor of Philosophy in Film Studies**Programme Structure and Duration**

The Doctor of philosophy in Film Studies programme is a three (3) year programme that shall take three academic years of two semesters each. In order to graduate with a Doctor of philosophy in Film Studies, a candidate shall carry out research in a film, or related field for the three years and submit monthly reports to the University appointed supervisors. The candidate shall present the final thesis for examination in the third year of study. He/she will be expected to deliver an oral presentation of the research to a board of University examiners.

Doctor of Philosophy in Theatre Arts**Programme Structure and Duration**

The Doctor of philosophy in Theatre Arts programme is a three (3) year programme that shall take three academic years of two semesters each. In order to graduate with a Doctor of philosophy in Theatre Arts, a candidate shall carry out research in a theatre or related field for the three years and submit monthly reports to the University appointed supervisors. The candidate shall present the final thesis for examination in the third year of study. He/she will be expected to deliver an oral presentation of the research to a board of University examiners.

4.2 Department of Fashion Design & Marketing (HFD)**Bachelor of Science (Fashion Design & Marketing)**

Pattern: 12:12:13:12 = 49

In their first year of study, students will take 3 university common units, 6 units from the Fashion Design & Marketing, and 3 other units from the other selected relevant department.

Students in the 2nd year will take 6 units from Fashion Design & Marketing and 6 other units from the selected relevant department.

Students in the 3rd and 4th year will take 12 units from Fashion Design & Marketing.

SN.	Level 100 - Unit Code and Title	Sem1	Sem2	Prerequisites	Hours
1	AAD 100: Introduction to Drawing	+			
2	AAD 101: Introduction to Two-Dimensional Design		+		
3	AAD 102: Introduction to Three-Dimensional Design		+		
4	HFD 100: Introduction to Textiles	+			
5	HFD 101: Principles of Art & Design	+			
6	HFD 102: Introduction to Clothing Construction	+			57
7	HFD 104: Laundry and Care of Textile Products		+		
8	HFD 105: Introduction to I.T. and CAD for Textiles		+		
9	HFD 103: Pattern Drafting	+			

10	UCU 100:Communication Skills		+		
11	UCU 103: Introduction to Critical and Creative Thinking		+		
12	UCU 104: Entrepreneurship	+			
Level 200					
1	AAD 200:Art Design Appreciation I	+			
2	AAD 201: Drawing 1	+			
3	AAD 204: Graphic Design 1 – Design Fundamentals		+		
4	AAD208: Fabric Design 1: - Introduction to African fabric Decoration	+			
5	AAD 209: Fabric Design 2 – Surface Decoration		+		
6	AAD 210: Weaving 1 – Historical Dev. of Weaving Process		+		
7	HFD 200: Socio-Cultural & Psychological aspects of Clothing	+			
8	HFD 201: Pattern Grading	+		HFD 103	57
9	HFD 202: Principles of Clothing Construction	+		HFD 102 HFD 103	57
10	HFD 203: Drawing and Illustration		+		
11	HFD 204: Flat pattern design I		+	HFD 103	57
12	HFD 205: Clothing for Special Groups		+		

Level 300				Prerequisites	Hours
1	HCU 300: Introduction to Research Methods	+			
2	HCU 301:Introductory Statistics		+	HFD 202	
3	HFD 300: Home Furnishing and Interior Design		+	HFD 102 HFD 202	57
4	HFD 302: Survey of Textile and Clothing Industry		+		
5	HFD 304: Flat pattern Design II	+		HFD 202 HFD 204	57
6	HFD 305: Tailoring Techniques		+	HFD 202 HFD 204	57
7	HFD 306: Fashion Product Development		+		
8	HFD 307: Fashion Merchandising	+			
9	HFD 308: Textile Performance Testing	+			
10	HFD 309:History and Conservation of Textile and Costume		+	HFD 202 HFD 204 HFD 305	
11	HFD 310: Studio and Workshop Presentation I	+			

12	HFD 311: Practicum		+		
13	HFD 312: Fashion Marketing I	+			

Level 400					
1	HCU 400: Project Design Monitoring and Evaluation		+		
2	HFD 401: Entrepreneurship in Fashion Design and Marketing		+		
3	HFD 403: Industrial Internship		+		
4	HFD 404: Computer Application in Textile	+		HFD 209	
5	HFD405: Seminar in Contemporary Issues in the Textile Industry	+			
6	HFD 406: Modelling Techniques	+			
7	HFD 407: Garment Design by Draping	+		HFD 312	57
8	HFD 408: Experimental Apparel Design		+		
9	HFD 409: Fashion Marketing 2	+			
10	HFD 410: Apparel Accessories		+		
11	HFD 411: Quality Control		+		
12	HFD 412: Studio and Workshop Presentation II	+			57

B. Ed. (Home Economics)			
1	HTS 100: Introduction to Textiles		+
2	HTS 202: Principles of Clothing Construction		+
3	HTS 300: Home Furnishing and Interior Design	+	
4	HTS 301: Pattern Drafting		+
5	HTS 415: Laundry and Care of Textile Products	+	

Masters of Science (Fashion Design and Marketing)

Structure: Thesis + 10 taught units; Project + 14 units. Contact hour per unit , 35

SN	Unit Code and Title	Sem 1	Sem 2
1	HCU 800: Research Methods	+	
2	HCU 801: Statistics	+	
3	HCU 802: Programme Design Monitoring and Evaluation		+
4	HFD 804: Advanced Fashion Design	+	
5	HFD 806: Creative Fashion Design	+	
6	HFD 807: Advanced Interior Design		+
7	HFD 808: Computer Applications in Fashion Design	+	
9	HFD 810: Production Management and Work-study	+	
10	HFD812: Technology and e-Commerce in Fashion and Marketing	+	
11	HFD 814: Art and Design (Elective)		+

12	HFD 815: Costume Design (Elective)		+
13	HFD 816: Designing for Special Groups(Elective)	+	
14	HFD 817: Fashion Promotion	+	
8	HFD 819: Socio Cultural and Psychological Aspects of Clothing	+	
15	HFD 820: Entrepreneurship in Applied Sciences (Elective)	+	
16	HFD 821: Textile Science		+
17	HFD 822: Thesis	+	+
18	HFD 823: Project Report	+	+

Doctor of Philosophy Programme

	HFD 900: Ph.D. Thesis		

4.3 Department of Fine Art and Design

Diploma in Fine Art

The Programme Structure and Duration

The Diploma in Fine art programme shall take a minimum period of two years comprising 5 semesters. A candidate shall be required to take a total of 20 units comprising:8 core units and 12 elective units. The 8 core units are: Freehand Drawing, Form content Appreciation (Theory), Mechanical Drawing, and, Field Attachment

AND

The 12 Electives - 4 each from 3 areas of specialization: Painting Sculpture, Multimedia, Ceramics, Weaving, Fabric Design, Graphic Design, printmaking.

4 units will come from each of the following 3 areas of specialization: Painting, Sculpture, Multimedia Crafts, Ceramics, Weaving, Fabric Design, Graphic Design and Printmaking.

Contact hours is 35 hours per unit

List of Units

SN	Year 1	Sem 1	Sem 2
Core Units			
1	AAD 021 Freehand Drawing	+	
2	AAD 022 Principles of Design	+	
3	AAD 023 Form and Content in Art (Theory)		+
4	AAD 024 Computer Imaging and Photo-editing		+
Electives. Select 6 According To Area Of Specialization			
Painting			
1	AAD 029 Colour Composition and Painting Supports	+	
2	AAD 030 Individual style and Mixed media painting		+
Sculpture			
1	AAD 033 Modelling and Casting Techniques	+	

2	AAD 034 Carving Relief and Figures in the round		+
Multimedia Crafts			
1	AAD 037 Woodwork	+	
2	AAD 038 Jewellery and Metalwork		+
Ceramics			
1	AAD 041 Forming Techniques	+	
2	AAD 042 Clays and Kilns		+
Weaving			
1	AAD 045 Introduction to Weaving	+	
2	AAD 046 Yarn Design		+
Fabric Design			
1	AAD 049 Fabric Printing Techniques	+	
2	AAD 050 African Textile Techniques		+
Graphic Design			
1	AAD 053: Calligraphy, Lettering and Layout	+	
2	AAD 054: Corporate Identity design		+
Printmaking.			
1	AAD 057 Relief and Serigraphy	+	
2	AAD 058 Intaglio and Lithography		+
Year 2			
Core Units			
1	AAD 025 The Human figure	+	
2	AAD 026 African Art (Theory)	+	
3	AAD 027 Mechanical Drawing		+
4	AAD 028 Attachment (- to be taken in the Third Semester)		+
Electives. Select 6 According To Area Of Specialization			
Painting			
1	AAD 031 Oil colour supports and grounds	+	
2	AAD 032 Large scale painting		+
Sculpture			
1	AAD 035 Mixed media sculpture	+	
2	AAD 036 Large Scale Sculpture		+
Multimedia Crafts			
1	AAD 039 Basic Leatherwork	+	
2	AAD 040 Papermache and Papermaking		+
Ceramics			
1	AAD 043: Mould making and Casting	+	
2	AAD 044: Introduction to Throwing		+
Weaving			
1	AAD 047 Tapestry and Pile Weaving	+	
2	AAD 048 Loom Weaving		+

Fabric Design				
1	AAD 051 Block printing and screen-printing	+		
2	AAD 052 Industrial Screen Printing		+	
Graphic Design				
1	AAD 055 Basic Illustration	+		
2	AAD 056 Application of Principles of Graphic Design		+	
Printmaking.				
1	AAD 059 Collography	+		
2	AAD 060 Photomechanical Serigraphy		+	

Bachelor of Arts (Art and Design)

The Programme Structure and Duration

The programme shall run for a period of four (4) academic years comprising eight (8) semesters. Students shall take a total of twenty (48) units:

The students will follow a 3:2:1:1 programme. (Level 100, 3 units shall be in Fine Art & Design, 3 common University units and 6 in any other two (2) departments. In levels 200, 8 units shall be in Fine Art & Design, 4 units from any other one (1) department. In levels 300, and 400 series, students will take all 12 units in Fine Art and Design)

Other Departments to choose from.

Theatre Arts and Film Technology

Music

Fashion Design and Marketing

Fine Art and Design areas of Specialization. Students select three areas in level 2 and carry on with the three areas up to level 4. These areas are Painting, Sculpture, Multimedia Crafts, Ceramics, Weaving, Fabric Design, Graphic Design, Animation, Printmaking and Interior Design

Bachelor of Education (Art and Design)

The Programme Structure and Duration

Students will take the 3:3:3:3 option ;(two teaching subjects i.e. Art and Design and any other.)

In that programme, of the 13 units required in level 100, 3 units shall be in Fine Art & Design, 3 common University units, 3 from School of Education and 3 from any other department. In levels 200, 300, and 400 series, students will take 6 units in Art and Design (2 core Units and 2 units from each of the 2 areas of specialization) and 4 units from the other department and 4 from School of Education each year.

Art and Design areas of Specialization. Students select two areas in level 2 and carry on with the two areas up to level 4. These areas are Painting, Sculpture, Multimedia Crafts, Ceramics, Weaving, Fabric Design, Graphic Design, Animation, Printmaking and Interior Design

Contact Hours is 35 hours per unit

List of Units

SN		Sem1	Sem2	Prerequisites
LEVEL 100				
Core Units				
1.	AAD 103 Introduction to Drawing	+		
2.	AAD 104 Basic 2-D Design		+	
3.	AAD 105 Basic 3-D Design		+	
4.	CFT 100 Introduction to Kenyan theatre	+		
5.	CFT 103 The art of story telling		+	
6.	CFT105 media and society		+	
7.	HFD 100 introduction to textiles	+		
8.	HFD 102 Introduction to clothing construction	+		
9.	HFD 103 Pattern drafting		+	
10.	MDT 103 Kenyan dance	+		
11.	MDT 106 Survey of western music 1	+		
12.	MDT 111 Music and dance traditions in Kenya		+	
13.	UCU 100 Communication skills	+		
14.	UCU 103 Introduction to critical and creative thinking	+		
15.	UCU101 Development studies		+	
LEVEL 200				Prerequisites
Core Units				
1	AAD 222 Traditional African Art	+		
2	AAD 223 Human Figure Drawing		+	
Select two (2) other departments out of three (3)				
3	CFT 206 Film theory and criticism	+		
4	CFT 209 Psychodrama	+		
5	CFT 210 Theatre criticism		+	
6	CFT 212 Documentary and Non-Fiction Film		+	
7	HFD 201 Pattern grading		+	
8	HFD 202 Principles of cloth construction	+		
9	HFD 203 Drawing and Illustration	+		
11	HFD 204 Flat Pattern design		+	
12	MDT 206 Survey of western music 2	+		
13	MDT 211 theory of music traditions in East Africa	+		
14	MDT 222 music and multimedia		+	
15	MDT 224 World music traditions		+	
Specialization Combinations- Select 3 (Three) Areas				
Fabric Design				Prerequisites

1	AAD 224Introduction of African Fabric Decoration	+		
2	AAD 225Computer Application in Fabric Design		+	
Weaving				
1	AAD 226Introduction to Textiles	+		
2	AAD 227Tapestry and Pile Weaving		+	<i>AAD 226</i>
Painting				
1	AAD 228Colour Theory	+		
2	AAD 229 Supports and Grounds.		+	
Printmaking				
1	AAD 230 Introduction to Relief Printing	+		
2	AAD 231Introduction to Serigraphy Printing		+	
Graphic Design				
1	AAD 232 Fundamentals Of Graphic Design	+		
2	AAD 233Computer Aided Design in Graphic		+	
Animation				
1	AAD 234 Introduction to Animation	+		
2	AAD 235Character Design in Animation 1		+	AAD 234
Ceramics				
1	AAD 236 Introduction to Hand building and Wheel Throwing	+		
2	AAD 237Mould- making and Casting in Ceramics 1		+	
Sculpture				
1	AAD 238 Relief Sculpture	+		
2	AAD 239 Sculpture-In- The- Round		+	
Multimedia Crafts				
1	AAD 240Computer Aided design in Crafts Design	+		
2	AAD 241Leatherwork 1		+	
Interior Design				
1	AAD 242 Fundamentals of Interior Design	+		
2	AAD 243 Computer Application In Interior Design		+	AAD242
Level 300				
Core Units				
1	AAD 344:Introduction to Research Techniques in Fine Art	+		
2	AAD 345:Still Life and Landscape Drawing 1	+		
3	AAD 346: Still Life and Landscape Drawing		+	

4	AAD 347: Industrial Attachment (For BA's only- to be taken during the Third Semester)		+	
Specialization Combinations- Select 3 (Three) Areas				
Fabric Design				Prerequisites
1	AAD 348 Computer Application in Fashion Design	+		AAD225
2	AAD 349 Fabric decoration techniques		+	
3	HFD 304 Flat pattern design 2	+		
4	HFD 305 Tailoring techniques		+	
Weaving				
1	AAD 350 Hand loom weaving	+		
2	AAD 351 Block pattern weaving	+		
3	AAD 352 Ornamentation of Basic weaves 1		+	<i>AAD 350</i>
4	AAD 353 Ornamentation of Basic weaves 2		+	<i>AAD 350</i>
Painting				
1	AAD 354 Oil Painting Techniques	+		
2	AAD 355 Compositions and Styles	+		
3	AAD 356 Non-Conventional Surfaces		+	
4	AAD 357 Improvisation in Painting		+	
Printmaking				
1	AAD 358 Intaglio Printing	+		
2	AAD 359 Development of Intaglio Printing	+		
3	AAD 360 Lithography		+	
4	AAD 361 Development of Lithography Printing		+	
Graphic Design				
1	AAD 362 Corporate Identity Design	+		AAD233
2	AAD 363 Branding	+		
3	AAD 364 Publication design graphics		+	
4	AAD 365 Illustration In Publication Graphics		+	
Animation				
1	AAD 366 Drawing for Animation	+		AAD 234 AAD235
2	AAD 367 Animating Effects	+		
3	AAD 368 Animation Production		+	<i>AAD 235</i>
4	AAD 369 Animation Post-Production 1		+	AAD 368
Ceramics				
1	AAD 370 Wheel throwing techniques	+		
2	AAD 371 Hand building and Surface Decoration 1	+		
3	AAD 372 Glaze formulation and firing.		+	

4	AAD 373 Mould making and casting in Ceramics 2		+	
Sculpture				
1	AAD 374 Mould- Making and Casting In Sculpture	+		
2	AAD 375 Mould-Making and Casting in Sculpture 2	+		
3	AAD 376 Sculpture in Cement and Plaster 1		+	
4	AAD 377 Sculpture in Cement and Plaster 2		+	
Multimedia Crafts				
1	AAD 378 Jewelry and Ornamentation 1	+		
2	AAD 379 Jewelry and Ornamentation 2	+		
3	AAD 380 Woodwork and Metalwork 1		+	
4	AAD 381 Woodwork and Metalwork 2		+	
Interior Design				
1	AAD 382 Planning of Residential Spaces	+		AAD243
2	AAD 383 Interior And Exterior Space Relationships	+		
3	AAD 384 Planning Office and Studio Spaces		+	AAD 382
4	AAD 385 Planning Large Office And Studio Spaces		+	

Level 400				
Core Units		Sem 1	Sem 2	Prerequisites
1	AAD 476 A Survey of European Arts	+		
2	AAD 477 Oriental and Oceanic Art	+		
3	AAD 478 Imaginative Composition in Drawing		+	
4	BBA 310 Entrepreneurship		+	
Specialization Combinations- Select 3 (Three) Areas				
Multimedia Crafts				
1	AAD 436 Project proposal in Crafts design	+		AAD 344
2	AAD 437 Leatherwork 2	+		
3	AAD 438 Project Implementation in Craft design		+	AAD 436
4	AAD 439 Collage And Mosaic		+	
Interior Design				
1	AAD 440 Project proposal in Interior design	+		AAD 344
2	AAD 441 Planning Interior Spaces for Commercial Buildings	+		
3	AAD 442 Project Implementation in Interior design		+	AAD 440
4	AAD 443 Space Planning For Public Spaces		+	
Fabric Design				
1	AAD 444 Project proposal in Fabric design	+		AAD 344
2	AAD 445 Industrial Photographic Screen – Printing	+		

3	AAD 446	Project Implementation in Fabric design		+	<i>AAD 444</i>
4	AAD 447	Complex Patterns in Fabric design		+	
Weaving					
1	AAD 448	Project proposal in Weaving	+		<i>AAD 344</i>
2	AAD 449	Industrial weaving Processes	+		
3	AAD 450	Project Implementation in Weaving		+	AAD 448
4	AAD 451	Cottage Weaving Industry		+	
Painting					
1	AAD 452	Project proposal in Painting	+		<i>AAD 344</i>
2	AAD 453	Individual Painting Style.	+		
3	AAD 454	Project Implementation in Painting		+	AAD 452
4	AAD 455	Large Scale Painting .		+	
Printmaking					
1	AAD 456	Project proposal in Printmaking	+		<i>AAD 344</i>
2	AAD 457	Combination of Relief and Collography Printing Methods	+		
3	AAD 458	. Project Implementation in Printmaking		+	AAD 456
4	AAD 459	Combination of Intaglio and Serigraphy		+	
Graphic Design					
1	AAD 460	Project proposal in Graphic Design	+		<i>AAD 344</i>
2	AAD 461	Advertising and Packaging Design	+		
3	AAD 462	Project Implementation in Graphic Design		+	<i>AAD 460</i>
4	AAD 463	Professional Practice and Portfolio		+	
Animation					
1	AAD 464	Project proposal in Animation	+		<i>AAD 344</i>
2	AAD 465	Drawing for Animation 2	+		<i>AAD 366</i>
3	AAD 466	Project Implementation in Animation		+	AAD 464
4	AAD 467	Animation Post-Production 2		+	<i>AAD 369</i>
Ceramics					
1	AAD 468	Project proposal in Ceramics	+		<i>AAD 344</i>
2	AAD 469	Hand building and Surface Decoration 2.	+		
3	AAD 470	Project Implementation in Ceramics		+	AAD 468
4	AAD 471	Large Scale Ceramics Production		+	
Sculpture					
1	AAD 472	Project proposal in Sculpture	+		<i>AAD 344</i>
2	AAD 473	Wood Sculpture	+		
3	AAD 474	Project Implementation in Sculpture		+	AAD 472
4	AAD 475	Metal Sculpture		+	

Master of Arts (Fine Art)

Entry Requirement

The Programme Structure and Duration

The Master of Arts Degree in Fine Art shall consist of coursework, examination and

Thesis/creative project. M.A programme shall take a minimum period of two years.

The Master of Arts in Fine Arts is offered according to the following study programmes.

Type A:

Coursework, examination and either creative project or thesis where the first year i

Devoted to coursework and the second year is devoted to either, Research and Execution

Of a creative project (Studio Option),or Research and writing of a thesis(Theory Option).

Type B:

Either creative project or thesis where the two years of study are devoted to either,

Research and execution of a creative (Studio Option),or Research and writing of a

thesis (Theory Option).

Creative Project or thesis in the Type B programme shall be called “Creative Project B”

and Thesis B”.

Areas of specialization are as follows. Students select one area of specialization from the

following: Art History, Sculpture, Multimedia Crafts, Ceramics, Weaving, Fabric Design,

Graphic Design and Printmaking.

Contact Hours is 35 hours per unit

Type A: Coursework and Creative Project

SN	Unit Code and Unit Title Year 1	Sem1	Sem2
1	AAD 801: Drawing	+	
2	AAD 802: Research Techniques in Fine Art		+
3	AAD 803 :East African Art		+
4	MDT 800: Research Methods	+	
Areas of Specialization			
Art History			
1	AAD 804: General Survey of World Art History	+	
2	AAD 805: West and Central Africa Art	+	
3	AAD 806: Contemporary African Art		+

4	AAD 807: European Art		+
Painting			
1	AAD 808: Material, Tools and Equipment	+	
2	AAD 809: The Human Figure Painting	+	
3	AAD 810: Environmental Painting		+
4	AAD 811 Individual Painting Style		+
Graphic Design			
1	AAD 812: Graphic Design Concepts	+	
2	AAD 813: Design and Illustration	+	
3	AAD 814: Visual Communication		+
4	AAD 815: Exhibition Design		+
Printmaking			
1	AAD 816: Advanced Relief	+	
2	AAD 817: Advanced Serigraphy	+	
3	AAD 818: Advanced Lithography		+
4	AAD 819: Advanced Intaglio		+
Fabric Design			
1	AAD 820: Analysis of Fabric Construction	+	
2	AAD 821: Resist Methods and Block printing	+	
3	AAD 822: Stencil and Screen printing		+
4	AAD 823: Pattern Design		+
Weaving			
1	AAD 824: Textile Fibres	+	
2	AAD 825: Spinning Processes	+	
3	AAD 826: Weaving Techniques		+
4	AAD827: Spinning and Weaving Equipment		+
Ceramics			
1	AAD 828: Clay and Glazes	+	
2	AAD 829: Kilns and Firing	+	
3	AAD 830: Mould Making and Casting		+
4	AAD 831: Decoration in Ceramics		+
Sculpture			
1	AAD 832: Sculpture in Concrete	+	
2	AAD 833: Mixed Media Sculpture	+	
3	AAD834: Environmental Sculpture		+
4	AAD 835: Metal Sculpture		+
Multimedia Crafts			
1	AAD 836: Advanced Leatherwork	+	
2	AAD 837: Advanced Jewellery	+	
3	AAD 838: Creative Woodwork		+
4	AAD 839: Advanced Collage		+

Year 2

AAD 841: Creative Project A

8 Units

A practical project based on an area or areas of art chosen by the candidate with the approval of the Art and Design Department. The project will culminate in an exhibition, a portfolio and a bound report.

AAD842 Type A: Theory Option: Thesis A

8 Units

Research and Thesis on an Art topic chosen by the candidate with the approval of the Art and Design Department.

Type B.Creative Project/Thesis

Core Units			
1	MDT 800 Research Methods	+	
2	AAD 801 Drawing	+	
3	AAD 802 Research Techniques in Fine Art		+
4	AAD803 East African Art		+

AAD843 Type B: Studio Option – Creative Project B

Creative Project B .The project will culminate in an Exhibition, a portfolio and a bound report.

AAD844 Type B: Theory Option – Thesis B

Doctor of Philosophy

Ph.D in Fine Art

General guidelines and course expectations as guided by Graduate School.

Level 900

AAD 900 Theses

4.4 Department of Music and Dance

Certificate

Programme structure: The program takes One year (2 semesters) consisting of 12 units structured as follows: 6:6=12 units in total

SN	Unit Code and Title	Sem1	Sem2
1	MDT 001: Basic Music Theory and Aural Skills I	+	
2	MDT 002: African Dance Practice	+	
3	MDT 003: Introduction to Song Writing	+	

4	MDT 004: Introduction to History of Kenyan Folk Music	+	
5	MDT 005: Performance Tuition I	+	
6	MDT 006: Basic Music Theory and Aural Skills II		+
7	MDT 007: Contemporary Kenyan Music		+
8	MDT 008: Computer Aided Music Notation		+
9	MDT 009: Performance Tuition II		+
10	MDT 010: Introduction to Western Music	+	
11	MDT 011: Elements of Harmony		+
12	MDT 012: Applied Ethnomusicology		+

Diploma

Programme Structure: the program takes two years (4 semesters) consisting of 20 units structured as follows: 5:5:5:5=20 units in total

***One of the units in the last semester is practical attachment to a music institution for 3 months.

SN	Unit Code and Title	Sem 1	Sem 2
1	MDT 020: Musicianship I	+	
2	MDT 021: History of Kenyan Music	+	
3	MDT 022: practical Tuition I	+	
4	MDT 023: Elements of Composition I	+	
5	MDT 024: African Dance Practice I	+	
6	MDT 025: Computer Music Systems		+
7	MDT 026: Musicianship II (New)		+
8	MDT 027: History of Western Music		+
9	MDT 028: Practical Tuition II		+
10	MDT 029: Elements of Composition II		+
11	MDT 030: African Dance Practice II	+	
12	MDT 031: Introduction to Music Sequencing	+	
13	MDT 032: Musicianship III	+	
14	MDT 033: Analysis of Traditional Kenyan Music	+	
15	MDT 034: practical Tuition III	+	
16	MDT 035: Elements of Composition III		+
17	MDT 036: Fundamentals of Music Recording Project		+
18	MDT 037: Introduction to Music Industry		+
*	MDT 038: Practicum		+

Bachelor of Music (Technology)

Programme structure: the program takes four years (8 semesters) consisting of 48 units structured as follows: 12:12:12:12=48 units in total

University Common Units

UCU 100: Communication Skills

UCU 103: Introduction to Critical and Creative Thinking

Electives- Choose One

UCU 101: Development Studies

UCU 104: Introduction to Entrepreneurship

UCU 106: Diversity, Ethics and Citizenship

SN	LEVEL 100		
	Unit Code and Title	Sem1	Sem2
1	MDT 100: Theory and Aural Skills I	+	
2	MDT 104 General Music Practice	+	
3	MDT 106: Survey of Western Music I		+
4	MDT 107 Ensemble Practice I		+
5	MDT 108 Harmony and Counterpoint I	+	
6	MDT 109: Introduction to Computing	+	
7	MDT 111 Theory of Music Traditions of Kenya		+
8	MDT 123 Recording and Sequencing Techniques		+
9	MDT 124: Studio Keyboard Skills		+
Level 200			
1	MDT 200: Theory and Aural Skills II <i>(Prerequisite MDT 100)</i>	+	
2	MDT 203: Music and Dance Practice in East Africa	+	
3	MDT 204: Organology and Manufacture of Music Instruments	+	
4	MDT 206: Survey of Western Music II <i>(Prerequisite MDT 106)</i>	+	
5	MDT 207: Ensemble Practice II		+
6	MDT 210: Audio Engineering	+	
7	MDT 211: Theory of Music Traditions in East Africa		+
8	MDT 222: Music and Multimedia		+
9	MDT 223: Guitar Skills	+	
10	MDT 224: World Music Traditions		+
11	MDT 225: Exploration of Studio Compositional Techniques		+
12	MDT 226: Song Creation and Arrangement		+
Level 300			
1	MDT 303: Music and Dance Practice in Africa	+	
2	MDT 306: History and Analysis of Western Music I <i>(Prerequisite MDT 206)</i>	+	
3	MDT 307: Ensemble Directing I		+
4	MDT 324: Survey of Popular Music in East and Central Africa		+
5	MDT 326: Introduction to Ethnomusicology	+	
6	MDT 327 Music and Video Production		+

7	MDT 328: Jazz Harmony and Improvisation I	+	
8	MDT 329: Notation and Transcription		+
9	MDT 330: Elements of Acoustics	+	
10	MDT 335: Music Recording Project		+
Electives- Two			
10	MDT 304 Art Music in Kenya	+	
12	MDT 322 Concert Production and Staging		+
11	MDT 323 Production of Musicals	+	
14	MDT 331 African Music in Diaspora		+
Level 400			
1	MDT 406: History and Analysis of Western Music II (<i>Prerequisite MDT 306</i>)	+	
2	MDT 407: Ensemble Directing II	+	
3	MDT 410: Music Industry and Professional Ethics		+
4	MDT 424: Popular music in Africa	+	
5	MDT 425: Stylistic Techniques in Different Genres		+
6	MDT 426: Practicum in Creation and Marketing of Music Product		+
7	MDT 428: Jazz Harmony and Improvisation II	+	
8	MDT 429: Research Methods	+	
9	MDT 430: Research Project		+
Electives-Three			
1	MDT 400: Music Critique and Adjudication (<i>Prerequisite MDT 300</i>)	+	
2	MDT 404: Music and Other Arts		+
3	MDT 423: Music in Worship	+	
4	MDT 427: Disc Jockey (D.J) Practice and Performance		+

Bachelor of Music

Programme Structure: the program takes four years (8 semester) structured as follows:
12:12:12:12=48units in total

University Common Units

UCU 100: Communication Skills

UCU 103: Introduction to Critical and Creative Thinking

Electives- Choose One

UCU 101: Development Studies

UCU 104: Introduction to Entrepreneurship

UCU 106: Diversity, Ethics and Citizenship

Level 100

SN	Unit Code and Title	Sem 1	Sem 2
1	MDT 100: Theory and Aural Skills 1	+	
2	MDT 103: Kenyan Dance	+	
3	MDT 104: General Music Practice	+	
4	MDT 106: Survey of Western Music I		+
5	MDT 107: Ensemble Practice I		+
6	MDT 108: Harmony and Counterpoint I	+	
7	MDT 111: Music and Dance Traditions of Kenya		+
8	MDT 112 to 116: Performance Tuition I Series	+	
9	MDT 117 to 121: Performance Tuition II Series		+
Level 200			
1	MDT 200: Theory and Aural Skills 1I (<i>Prerequisite MDT 100</i>)	+	
2	MDT 204: Organology and Manufacture of Music Instruments	+	
3	MDT 206 Survey of Western Music II(<i>Prerequisite MDT 106</i>)	+	
4	MDT 207 Ensemble Practice II(<i>Prerequisite MDT 107</i>)		+
5	MDT 208 Harmony and Counterpoint II(<i>Prerequisite MDT 108</i>)	+	
6	MDT 211 Theory of Music Traditions of East Africa		+
7	MDT 212 to 216 Performance Tuition III Series	+	
8	MDT 217 to 221 Performance Tuition IV Series		+
9	MDT 222 Music and Multimedia		+
10	MDT 223 Guitar Skills	+	
11	MDT 224 World Music Traditions		+
12	MDT 227 Compositional Studies - Instrumentation		+
Level 300			
1	MDT 300: Keyboard Harmony and Improvisation (<i>Prerequisite MDT 200</i>)	+	
2	MDT 303: Music and Dance Traditions of Africa	+	
3	MDT 306: History and Analysis of Western Music I(<i>Prerequisite MDT 206</i>)	+	
4	MDT 307: Ensemble Directing I (<i>Prerequisite MDT 207</i>)		+
5	MDT 312 to 316: Performance Tuition V Series	+	
6	MDT 317 to 321: Performance Tuition VI Series		+
7	MDT324: Survey of Popular Music in East and Central Africa		+
8	MDT 326: Introduction to Ethnomusicology	+	
9	MDT 329: Notation and Transcription		+
10	MDT 332: Compositional Studies - Arrangement		+
Electives-Two			
11	MDT 304 Art Music in Kenya	+	
12	MDT 327 Music and Video Production		+
13	MDT 328 Jazz Harmony and Improvisation	+	
14	MDT 331 African Music in the Diaspora		+
15	MDT 333 History of African-American Music		+

16	MDT 334 Music of the Middle East	+	
Level 400			
1	MDT 406: History and Analysis of Western Music II(<i>Prerequisite MDT 306</i>)	+	
2	MDT 407: Ensemble Directing II (<i>Prerequisite MDT 307</i>)	+	
3	MDT 408: Advanced Harmony and Counterpoint (<i>Prerequisite MDT 208</i>)	+	
4	MDT 410: Music Industry and Professional Ethics		+
5	MDT 412 to 416: Performance Tuition VII Series	+	
6	MDT 422: Theory of African Music		+
7	MDT 424: Popular Music in Africa		+
8	MDT 429: Research Methods	+	
9	MDT 430: Research Project		+
Electives-Three			
1	MDT 400 Music Critique and Adjudication (<i>Prerequisite MDT 300</i>)	+	
2	MDT 404 Music and Other Arts		+
3	MDT 417 to 421 Performance Tuition VIII Series		+
4	MDT 423 Music in Worship	+	
5	MDT 438 Music of Native Americas		+

Bachelor of Education (Music)

Programme Structure: The program takes four years (8 semester) structured as follows: 4:4:4:4=16units in total

(For University Common Units requirements, refer to School of Education Provisions. The other units are obtained from the students' second teaching subject).

Level 100			
SN	Unit Code and Title	Sem 1	Sem 2
1	MDT101: Music Theory, Aural Skills & practical I	+	
2	MDT 106: Survey of Western Music I		+
3	MDT 108: Harmony and Counterpoint I	+	
4	MDT 111: Music and Dance Traditions of Kenya		+
Level 200			
1	MDT 201: Music Theory, Aural Skills and Practical II	+	
2	MDT 206: Survey of Western Music II(<i>Prerequisite MDT 106</i>)	+	
3	MDT 208: Harmony and Counterpoint II (<i>Prerequisite MDT 108</i>)		+
4	MDT 211: Theory of Musical Traditions of East Africa		+
Level 300			
1	MDT 301: Music Theory, Aural Skills and practical III		+
2	MDT 303: Music and Dance Traditions of Africa	+	

3	MDT 306: History and Analysis of Western Music I (<i>Prerequisite MDT 206</i>)	+	
4	MDT 332: Compositional Studies - Arrangement		+
Electives			
6	MDT 300: Keyboard Harmony and Improvisation (<i>Prerequisite MDT 200</i>)	+	
7	MDT 330: Elements of Acoustics		+
Level 400			
1	MDT 401: Music Theory, Aural Skills and practical IV		+
2	MDT 406: History and Analysis of Western Music II(<i>Prerequisite MDT 306</i>)	+	
3	MDT 408: Advanced Harmony (<i>Prerequisite MDT 208</i>)	+	
4	MDT 422: Theory of African Music		+
Electives			
1	MDT 400: Music Critique and Adjudication (<i>Prerequisite MDT 300</i>)	+	
2	MDT 410: Music Industry and Professional Ethics		+

Master of Music (Performance)

SN	Unit Code and Unit Title	Sem 1	Sem 2
1.	MDT 800:Research Methods	+	
2.	MDT 801:Advanced Musicianship	+	
3.	MDT 802:Performance Practice	+	
4.	MDT 803:Aesthetics and Psychology for Performers		+
5.	MDT 806:Voice/Instrumental Tuition/ Conducting I	+	
6.	MDT 807:Voice/Instrumental/Tuition/Conducting II		+
7.	MDT 808:Issues in Music Performance in Kenya		+
8.	MDT 857:Music Performance in Kenya		+
Electives - Two			
9.	MDT 804:Music in the Society		+
10.	MDT 829:Music and other Performing and Creative Arts		
11.	MDT 830:The Music Industry		
12.	MDT 855:The Ethnology of World Music and Dance		+
Year Two-Core Units			
1.	MDT 805:Literature Survey	+	
2.	MDT 811:Voices/Instrumental Tuition/Conducting III	+	
3.	MDT 812:Recital Project		+
Electives - Two			
1.	MDT 809:Stage Music Workshop		
2.	MDT 810:Independent Study	+	
3.	MDT 838:Pedagogy	+	
Master of Musical Arts (Performance)			
1.	MDT 800:Research Methods	+	

2.	MDT 801:Advanced Musicianship	+	
3.	MDT 802:Performance Practice	+	
4.	MDT 803:Aesthetics & Psychology for Performers		+
5.	MDT 804:Music in the Society		+
6.	MDT 806:Voice/Instrumental Tuition/Conducting I	+	
7.	MDT 807:Voice/Instrumental Tuition/Conducting II		+
8.	MDT 857:Music Performance in Kenya		+
Electives - Two			
9.	MDT 805:Literature Survey		+
10.	MDT 830:The Music Industry		+
11.	MDT 855:The Ethnology of World Music & Dance		
Year Two- Core			
12.	MDT 812:Recital Project	+	
Electives - Four			
13.	MDT 810:Independent Study		+
14.	MDT 808:Issues in Music Performance in Kenya		+
15.	MDT 838:Pedagogy		+
16.	MDT 809:Stage Music Workshop		
17.	MDT 811:Voice/Instrumental Tuition/ Conducting III		+
Master of Musical Arts (Composition)			
1.	MDT 800:Research Methods	+	
2.	MDT 803:Aesthetics & Psychology for Performers	+	
3.	MDT 806:Voice/Instrumental Tuition/Conducting I	+	
4.	MDT 820:Advanced Analysis	+	
5.	MDT 824:Advanced Harmony		+
6.	MDT 825:Methods in Composition		+
7.	MDT 827:Advanced Orchestration		+
8.	MDT 857:Music Performance in Kenya		+
Electives - Two			
9.	MDT 805:Literature Survey		+
10.	MDT 830:The Music Industry		+
11.	MDT 855:The Ethnology of World Music and Dance		
Year Two-Core			
12.	MDT 812:Recital Project	+	
Electives Four			
13.	MDT 808:Issues in Music Performance in Kenya	+	
14.	MDT 809:Stage Music Workshop		
15.	MDT 810:Independent Study	+	
16.	MDT 811:Voice/Instrumental Tuition/Conducting III	+	
17.	MDT 838:Pedagogy	+	
Master of Music Education			
1.	MDT 800:Research Methods	+	

2.	MDT 831:History of Music Education	+	
3.	MDT 832:Development Psychology of Music	+	
4.	MDT 833:Philosophy of Music Education		+
5.	MDT 834:Sociology of Music		+
6.	MDT 837:School Music Administration		+
7.	MDT 838:Pedagogy		+
8.	MDT 857:Music Performance		
Electives - Two			
9.	MDT 805:Literature Survey		+
10.	MDT 806:Voice/Instrumental Tuition/Conducting I		
Two- Alternative A			
11.	MDT 842:Internship	+	
12.	MDT 843:Thesis		+
Alternative B			
13.	MDT 840:Issues in Music Education		+
14.	MDT 842:Internship	+	
15.	MDT 844:Project		+
Electives - Three			
16.	MDT 829:Music & Other Performing & Creative Arts	+	
17.	MDT 830:The Music Industry	+	
18.	MDT 841:Independent Study	+	
19.	MDT 856:Philosophy and Aesthetics in African Music		
Master of Arts (African Music)			
1.	MDT 800:Research Methods	+	
2.	MDT 851:African Music in the Contemporary Setting	+	
3.	MDT 852:Notation & Transcription	+	
4.	MDT 853:Theory & Methods in Ethnomusicology	+	
5.	MDT 855:The Ethnology of World Music & Dance		+
6.	MDT 856:Philosophy & Aesthetics in African Music		+
7.	MDT 857:Music Performance in Kenya		+
8.	MDT 858:Issues in Kenya Music & Dance		+
Electives - Two			
*	MDT 813:Thesis	Year 2	
9.	MDT 830:The Music Industry		+
10.	MDT 834:Sociology of Music		
Master of Arts (Ethnomusicology)			
1.	MDT 800:Research Methods	+	
2.	MDT 834:Sociology of Music		+
3.	MDT 853:Theory and Methods in Ethnomusicology	+	
4.	MDT 855:Ethnology of World Music & Dance	+	
5.	MDT 857:Music Performance in Kenya		+
6.	MDT 865:Theory & Methods in Social Anthropology	+	

7.	MDT 866:Anthropology of Music and or Dance		+
8.	MDT 868:Music and or Dance of a specified Region		+
Electives - Two			
9.	MDT 806:Voice/Instrumental Tuition/ Conducting I		
10.	MDT 813:Thesis	Year 2	
11.	MDT 830:The Music Industry		+
Phd Programme			
1.	MDT 900:PhD Thesis		

Doctor of Philosophy (PhD) will be offered in the following areas of specialization:

African Music, Ethnomusicology, Musicology

Doctor of Musical Arts

Music Education

Music Performance

5. SCHOOL OF ECONOMICS

5.1 Department of Applied Economics

Bachelor of Economics and Finance

Programme Structure and Duration

The Bachelor of Economics and Finance Programme shall be offered under Regular Mode of Study and shall consist of coursework and examination. It shall take a minimum period of four years with a minimum unit load of 48 units. A candidate shall be required to take a minimum of 12 units in each of the years.

List of Units across Semesters

	Level 100		
SN	Unit Code and Title	Sem1	Sem2
1	BAC 100: Fundamentals of Accounting I	+	
2	BAC 101: Fundamentals of Accounting II(<i>Prerequisite BAC 100</i>)		+
3	BBA 102: Principles of Management	+	
4	BMS 101: Introduction to Insurance		+
5	EAE 100: Economics of Information Technology		+
6	EES 100: Mathematics for Economists I	+	
7	EES 101: Statistics for Economists I		+
8	EET 100: Microeconomic Theory I	+	
9	EET 101: Macroeconomic Theory I		+

10	UCU 100: Communication Skills	+	
11	UCU 103: Introduction to Critical and Creative Thinking	+	
12	UCU 106: Ethics, Citizenship and Diversity		+

	Level 200			
SN	Unit Code and Title	Sem1	Sem2	prerequisites
1	BAC 200: Accounting for Assets	+		BAC 101
2	BAC 201: Accounting for Liabilities and Equities		+	BAC 200
3	BAC 203: Business Finance I	+		
4	BAC 204: Business Finance II		+	BAC 203
5	EAE 200: Economics of Global Business		+	
6	EAE 201: Economics of Public Expenditure	+		
7	EAE 202: Financial Instruments and Risk Management		+	
8	EAE 204: Economic Development	+		
9	EES 200: Mathematics for Economists II	+		EES 100
10	EES 201: Statistics for Economists II		+	EES 101
11	EET 200: Microeconomic Theory II	+		EET 100
12	EET 201: Macroeconomic Theory II		+	EET 101

	Level 300			
S N	Unit Code and Title(Core)	Sem1	Sem2	Prerequisites
1	ECO 300: Research Methods	+		
2	EAE 301: Taxation Economics and Policy		+	EAE 201
3	EAE 302: Economics of Microfinance I	+		
4	EAE 314: Economics of Microfinance II		+	
5	EES 300: Mathematics for Economists III	+		EES 200
6	EES 301: Fundamentals of Econometrics I		+	EES 201
7	EET 300: Microeconomic Theory III	+		EET 200
8	EET 301: Macroeconomic Theory III		+	EET 201
	At least two Electives	+	+	
9	EAE 303: Managerial Economics			
10	EAE 304: Labour Economics			
11	EAE 305: Urban Economics			
12	EAE 307: International Economics I			

	At least two Electives		+	+	
13	EAE 308: International Economics II				
14	EAE 309: Health Economics				
15	EAE 310: Economics of Money and Banking				
16	EES 303: Operations Research I				

	Level 400		
SN	Unit Code and Title(Core)	Sem 1	Sem 2
1	ECO 400: Research Project (Equivalent to 1 unit)	+	
2	EAE 401: Monetary Theory and Policy		+
3	EAE 403: Financial Economics		+
4	EAE 405: Development Planning	+	
5	EAE 414: Theory of Finance	+	
6	EES 401: Fundamentals of Econometrics II		+
7	EET 400: Microeconomic Theory IV	+	
8	EET 401: Macroeconomic Theory IV		+
	At least two Electives	++	
9	EAE 408: Economics of Industry		
10	EAE 413: Energy and Environmental Economics		
11	EAE 410: Demographic Economics		
12	EET 402: History of Economic Thought		
	At least two Electives		++
13	EAE 404: Economics of Public Enterprises		
14	EAE 412: Project Appraisal		
15	EES 402: Economic Modelling and Computer Simulation (<i>Prerequisites EES 302</i>)		
16	EES 403: Operations Research II		

Master of Economics (Finance)

Programme Structure and Duration

The Master of Economics (Finance) Programme shall be offered under Regular and Evening Modes of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for the research project, which the student shall undertake

under the guidance of a University Supervisor and submit as appropriate. The research project shall have a weight of four units.

List of Units across Semesters

SN	Unit code & Title(core)	Sem 1	Sem2	Sem3	Sem 4
1	ECO 800: Economic Research Methodology	+			
2	EAE 800: Project Planning, Monitoring and Evaluation	+			
3	EAE 805: Public Sector Economics I		+		
4	EAE 806: Public Sector Economics II(<i>Prerequisite EAE 805</i>)			+	
5	EAE 813: Theory of Finance			+	
6	EAE 851: Financial Economics			+	
7	ECO801: Economic Data Analysis and Computer Applications			+	
8	ECO 802: Research Project (Equivalent to 4 units)				+
9	EES 800: Econometrics I	+			
10	EES 801: Econometrics II(<i>Prerequisite EES 800</i>)		+		
11	EET 800: Advanced Microeconomics I(<i>Prerequisite EET 800</i>)	+			
12	EET 801: Advanced Macroeconomics I	+			
13	EET 802: Advanced Microeconomics II		+		
14	EET 803: Advanced Macroeconomics II(<i>Prerequisite EET 801</i>)		+		
	One Elective in semester 2		+		
15	EAE 803: Monetary Theory and Practice I				
16	EAE 808: Labour and Manpower Economics				
17	EAE 816: Corporate Finance and Investment I				
	One Elective in semester 3			+	
18	EAE 804: Monetary Theory and Practice II				
19	EAE 812: International Finance				
20	EAE 817: Corporate Finance and Investment II (<i>Prerequisite EAE 816</i>)				

Master of Economics (International Trade and Finance)

Programme Structure and Duration

The Master of Economics (International Trade and Finance) Programme shall be offered under Regular and Evening Modes of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the

first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for the research project, which the student shall undertake under the guidance of a University Supervisor and submit as appropriate. The research project shall have a weight of four units.

List of Units across Semesters

SN	Unit code & Title(core)	Sem1	Sem2	Sem3	Sem 4
1	ECO 800: Economic Research Methodology	+			
2	EAE 800: Project Planning, Monitoring and Evaluation	+			
3	EAE 803: Monetary Theory and Practice I		+		
4	EAE 804: Monetary Theory and Practice II(<i>Prerequisite EAE 803</i>)			+	
5	EAE 807: International Trade			+	
6	EAE 812: International Finance			+	
7	ECO801: Economic Data Analysis and Computer application			+	
8	ECO 802: Research Project (Equivalent to 4 units)				+
9	EES 800: Econometrics I	+			
10	EES 801: Econometrics II(<i>Prerequisite EES 800</i>)		+		
11	EET 800: Advanced Microeconomics I	+			
12	EET 801: Advanced Macroeconomics I	+			
13	EET 802: Advanced Microeconomics II (<i>Prerequisite EET 800</i>)		+		
14	EET 803: Advanced Macroeconomics II(<i>Prerequisite EET 801</i>)		+		
	One Elective in Semester 2		+		
15	EAE 805: Public Sector Economics I				
16	EAE 808: Labour and Manpower Economics				
17	EAE 816: Corporate Finance and Investment I				
	One Elective in Semester 3			+	
18	EAE 806: Public Sector Economics II				
19	EAE 813: Theory of Finance				
20	EAE 817: Corporate Finance and Investment II				

Master of Economics (Cooperation and Human Development)

Bridging Course

Programme Structure and Duration

The Bridging Course in Master of Economics (Cooperation and Human Development) shall be offered under Evening Mode of Study. It shall consist of coursework and examination. It shall take one semester

with a total unit load of four (4) taught units.

List of Units across the Semester

S N	Unit Code and Title	Sem I
1	EET 703: Microeconomics	+
2	EET 704: Macroeconomics	+
3	EES 700: Quantitative Methods	+
4	EES 702: Fundamentals of Econometrics	+

Master of Economics (Cooperation and Human Development)

Programme Structure and Duration

The Master of Economics (Cooperation and Human Development) Programme shall be offered under Evening Mode of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for field internship and the research project. The research project shall be undertaken by the student with the guidance of a University Supervisor. The student shall be required to submit the research project as appropriate. The research project shall have a weight of four units.

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3	Sem 4
1	EAE 801: Development Theories and Strategies			+	
2	EAE840:International Economics for Development Cooperation	+			
3	EAE 841: Human Development I: Conceptual Foundations and Measurement of HD	+			
4	EAE 842: Human Development II-HD Policies (<i>Prerequisite: EAE841</i>)		+		
5	EAE843:Cooperation for Development: LocalDevelopment-Dimensions			+	
6	EAE 844: International Cooperation Projects Design	+			
7	EAE 845: International Cooperation Projects Implementation, Monitoring and Evaluation (<i>Prerequisite EAE 844</i>)			+	
8	EAE850:Impact Evaluation for Development Projects &Programmes			+	
9	ECO 800: Economic Research Methodology		+		
10	ECO 802: Research Project (Equivalent to 4 units)				+
11	EES 811: Econometrics for Impact Evaluation		+		
12	EET 800: Advanced Microeconomics I	+			
13	EET 801: Advanced Macroeconomics I		+		
14	EET 802: Advanced Microeconomics II(<i>Prerequisite EET 800</i>)		+		

15	EET 803: Advanced Macroeconomics II <i>(Prerequisite EET 801)</i>			+	
	One Elective	+			
16	EAE 846: Disaster Preparedness, Management and Humanitarian Action				
17	EAE 847: Climate Change and Development				
18	EAE 848: Urban Development in Africa				
19	EAE 849: Technology for Development				

Master of Economics (Development)

Programme Structure and Duration

The Master of Economics (Development) Programme shall be offered under Regular and Evening Modes of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for the research project, which the student shall undertake under the guidance of a University Supervisor and submit as appropriate. The research project shall have a weight of four units.

List of Units across Semesters

SN	Unit code & Title(core)	Sem 1	Sem 2	Sem 3	Sem 4
1	ECO 800: Economic Research Methodology	+			
2	EAE 800: Project Planning, Monitoring and Evaluation	+			
3	EAE 801: Development theories and Strategies			+	
4	EAE 840: International Economics for Development and Cooperation			+	
5	EAE 841: Human Development I: Conceptual Foundations and Measurement of HD		+		
6	EAE 842: Human Development II: HD Policies			+	
7	ECO 801: Economic Data Analysis and Computer Applications			+	
8	ECO 802: Research Project (Equivalent to 4 units)				+
9	EES 800: Econometrics I	+			
10	EES 801: Econometrics II <i>(Prerequisite EES 800)</i>		+		
11	EET 800: Advanced Microeconomics I	+			
12	EET 801: Advanced Macroeconomics I	+			

13	EET 802: Advanced Microeconomics II (<i>Prerequisite EET 800</i>)		+		
14	EET 803: Advanced Macroeconomics II(<i>Prerequisite EET 801</i>)		+		
	One Elective in Semester 2		+		
15	EAE 808: Labour and Manpower Economics				
16	EAE 829: Economic Policy Analysis, Design and Eval- uation				
17	EAE 833: Strategic Planning and Management				
	One Elective in Semester 3			+	
18	EAE 847: Climate Change and Development				
19	EAE 835: Public Policy				
20	EAE 846: Disaster Preparedness, Management and Hu- manitarian Action				

Master of Economics (Health)

Programme Structure and Duration

The Master of Economics (Health) Programme shall be offered under Regular and Evening Modes of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for the research project, which the student shall undertake under the guidance of a University Supervisor and submit as appropriate. The research project shall have a weight of four units.

List of Units across Semesters

SN	Unit Code & Title(core)	Sem 1	Sem 2	Sem 3	Sem 4
1	ECO 800: Economic Research Methodology	+			
2	EAE 836: Health Economics	+			
3	EAE 838: Health Policy and Planning		+		
4	EAE 839: Monitoring and Evaluation in Primary Health Care(<i>Prerequisite EAE 836</i>)			+	
5	EAE 852: Economics of Health Systems and Financing			+	
6	ECO 801: Economic Data Analysis and Computer Applica- tions			+	
7	ECO 802: Research Project (Equivalent to 4 units) (<i>Prereq- uisite EET 800</i>)				+
8	EES 800: Econometrics I	+			
9	EES 801: Econometrics II (<i>Prerequisite EES 800</i>)		+		

10	EET 800: Advanced Microeconomics I	+			
11	EET 801: Advanced Macroeconomics I	+			
12	EET 802: Advanced Microeconomics II		+		
13	EET 803: Advanced Macroeconomics II(<i>Prerequisite EET 801</i>)		+		
14	HPH 802: Principles of Epidemiology			+	
	One Elective in Semester 2		+		
15	EAE 808: Labour and Manpower Economics				
16	EAE 829: Economic Policy Analysis, Design and Evaluation				
17	EAE 837: Theory and Applications of Economic Evaluation in Health care (<i>Prerequisite EAE 836</i>)				
	One Elective in Semester 3			+	
18	EAE 800: Project Planning, Monitoring and Evaluation				
19	EAE 833: Strategic Planning and Management				
20	EAE 835: Public Policy				

Master of Economics (Environment)

Programme Structure and Duration

The Master of Economics (Environment) Programme shall be offered under Regular and Evening Modes of Study. It shall consist of coursework, examination and research project. It shall take a minimum period of two years with a total unit load of 19 units of which 15 will be taught units and four (4) shall be for research project. A candidate shall be required to take ten taught units during the first year of study and additional five taught units during the first semester of the second year of study. The second semester of the second year of study shall be dedicated for the research project, which the student shall undertake under the guidance of a University Supervisor and submit as appropriate. The research project shall have a weight of four units.

List of Units across Semesters

SN	Unit code & Title(core)	Sem 1	Sem 2	Sem 3	Sem 4
1	ECO 800: Economic Research Methodology	+			
2	EAE 810: Environmental Economics	+			
3	EAE 822: Natural Resource Economics			+	
4	EAE 823: Growth, Poverty Reduction and Environment			+	
5	ECO 801: Economic Data Analysis and Computer Applications			+	
6	ECO 802: Research Project (Equivalent to 4 units)				+
7	EES 800: Econometrics I	+			
8	EES 801: Econometrics II(<i>Prerequisite EES 800</i>)		+		

9	EES 807: Econometrics for Environmental Valuation		+		
10	EET 800: Advanced Microeconomics I	+			
11	EET 801: Advanced Macroeconomics I	+			
12	EET 802: Advanced Microeconomics II (<i>Prerequisite EET 800</i>)		+		
13	EET 803: Advanced Macroeconomics II (<i>Prerequisite EET 801</i>)		+		
14	ESU 802: Environmental Impact Assessment (<i>Prerequisite EAE 810</i>)			+	
	One Elective in Semester 2		+		
15	EAE 808: Labour and Manpower Economics				
16	EAE 829: Economic Policy Analysis, Design and Evaluation				
17	EAE 846: Disaster Preparedness Management and Humanitarian Action				
	One Elective in Semester 3			+	
18	EAE 833: Strategic Planning and Management				
19	EAE 835: Public Policy				
20	EAE 847: Climate Change and Development				

Doctor of Philosophy in Economics

Programme Structure and Duration

The Doctor of Philosophy in Economics Programme shall be offered under the Weekend Mode of Study. It shall consist of coursework, examination and thesis. It shall take a minimum period of three years with a total unit load of 15 units of which 11 will be taught units and four (4) shall be for the PhD Thesis. A candidate shall be required to take six taught units during the first year of study and additional five taught units during the second year of study. The candidates shall be required to sit for Comprehensive Examinations after successful completion of coursework. The third year of study shall be dedicated for the PhD Thesis, which the student shall undertake under the guidance of two Supervisors appointed by the University. Students shall be required to submit and defend their PhD Theses as appropriate. The PhD Thesis shall have a weight of four units.

List of Units across Semesters

Year One

SN	Unit Code and Title	Sem 1	Sem 2
1	ECO 900: Research Methods	+	
2	EES 900: Quantitative Methods I	+	
3	EES 901: Quantitative Methods II		+
4	EET 900: Microeconomics I	+	

5	EET 901: Microeconomics II		+
6	EET 902: Macroeconomics I		+

Year Two (Core Unit)

SN	Unit Code and Title	Sem 1	Sem 2
1	EET 903: Macroeconomics II	+	

Year Two (Two Electives)

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	EAE 901: Agricultural Economics I	+		
2	EAE 902: Agricultural Economics II		+	
3	EAE 903: Industrial Economics I	+		
4	EAE 904: Industrial Economics II		+	
5	EAE 905: Labour Economics I	+		
6	EAE 906: Labour Economics II		+	
7	EAE 907: Health Economics I	+		
8	EAE 908: Health Economics II		+	
9	EAE 909: Environmental Economics I	+		
10	EAE 910: Environmental Economics II		+	
11	EAE 911: Monetary Economics I	+		
12	EAE 912: Monetary Economics II		+	
13	EAE 913: Public Sector Economics I	+		
14	EAE 914: Public Sector Economics II		+	
15	EAE 915: International Economics I	+		
16	EAE 916: International Economics II		+	
17	EAE 917: Development Economics I	+		
18	EAE 918: Development Economics II		+	
	Comprehensive Examinations			
	Core			
19	EET 904: Comprehensive Microeconomics			+
20	EET 905: Comprehensive Macroeconomics			+
	Two Selected elective areas			
21	EAE 920: Comprehensive Public Sector Economics			+
22	EAE 921: Comprehensive International Economics			+
23	EAE 922: Comprehensive Environmental Economics			+
24	EAE 923: Comprehensive Health Economics			+
25	EAE 924: Comprehensive Agricultural Economics			+
26	EAE 925: Comprehensive Monetary Economics			+
27	EAE 926: Comprehensive Industrial Economics			+
28	EAE 927: Comprehensive Labour Economics			+

29	EAE 928: Comprehensive Development Economics			+

Year Three

SN	Unit Code and Title	Sem1	Sem 2
1	ECO 901: PhD Thesis	+	

5.2 Department of Econometrics & Statistics

Program Structure and Duration – (B. Econ & Stat)

The Bachelor of Economics and Statistics shall consist of coursework and examination. The B. Econ & Stat programme shall take a minimum period of four years. A candidate shall be required to take at least six (6) units each semester giving a total of at least twelve (12) units every year and a total of at least forty eight (48) units for the four years.

	Level 100		
SN	Unit Code and Title	Sem I	Sem 2
1.	BAC 100: Financial Accounting I	+	
2.	BAC 101: Financial Accounting II		+
3.	BBA 102: Principles of Management	+	
4.	EAE 100: Economics of Information Technology	+	
5.	EES 100: Mathematics for Economists I	+	
6.	EET 100: Microeconomic Theory I	+	
7.	EET 101: Macroeconomic Theory I		+
8.	SMA 104: Calculus I		+
9.	SST 101: Introduction to probability and statistics		+
10.	UCU 100: Communication Skills		+
11.	UCU 103: Introduction to Creative and Critical Thinking	+	
12.	UCU 106: Ethics, Citizenship and Diversity		+
Level 200			
1.	EAE 200: Economics of Global Business		+
2.	EAE 201: Economics of Public Expenditure	+	
3.	EAE 202: Financial Instruments and Risk Management		+
4.	EAE 204: Economic Development		+
5.	EAE 203: Management in the Contemporary Global Economy	+	
6.	EES 200: Mathematics for Economists II (<i>Prerequisite EES 100</i>)	+	
7.	EES 201: Statistics for Economists I		+
8.	EET 200: Microeconomic Theory II	+	
9.	EET 202: Macroeconomic Theory II		+
10.	SMA 200: Calculus II	+	
11.	SST 204: Probability and Statistics I	+	
12.	SST 205: Probability and Statistics II		+
Level 300			

	Core Units		
1.	EAE 301:Taxation Economics and Policy		+
2.	EAE 303:Managerial Economics	+	
3.	ECO 300: Research Methods	+	
4.	EES 300:Mathematics for Economists III(<i>Prerequisite EES 200</i>)	+	
5.	EES 301:Statistics for Economists II(<i>Prerequisite EES 201</i>)		+
6.	EES 302: Operations Research I	+	
7.	EES 303 : Sample Surveys(<i>Prerequisite EES 201</i>)		+
8.	EET 300: Microeconomic Theory III	+	
9.	EET 301: Macroeconomic Theory III		+
10.	SST305:Theory of Estimation		+
	Electives (1ST SEM: Choose at Least One)		
11.	EAE 304: Labour Economics	+	
12.	EAE 311:Economic History	+	
13.	SST 304:Multivariate Statistical Methods	+	
	Electives (2ND SEM: Choose at Least One)		
14.	EAE 305:Urban Economics		+
15.	EAE 309: Health Economics		+
16.	EAE 310: Economics of Money and Banking		+
	Level 400		
	Core Units		
1.	EAE 405: Development Planning	+	
2.	EAE 412: Project Appraisal		+
3.	ECO 400: Research Project	+	
4.	EES 400: Fundamentals of Econometrics I(<i>Prerequisite EES 300, EES 301</i>)	+	
5.	EES 401: Fundamentals of Econometrics II(<i>Prerequisite EES 400</i>)		+
6.	EES 402: Operations Research II(<i>Prerequisite EES 302</i>)		+
7.	EET 400: Microeconomic Theory IV	+	
8.	EET 401: Macroeconomic Theory IV		+
	Electives (1ST SEM: Choose any Two)		
9.	EAE 408: Economics of Industry	+	
10.	EAE 410: Demographic Economics	+	
11.	EES 405:Non-parametric and Semi-Parametric Statistics	+	
	Electives (2ND SEM: Choose any Two)		
12.	EAE 401: Monetary Theory and Policy		+
13.	EAE 404: Economics of Public Enterprises		+
14.	EES 403: Applied Statistics for Economists(<i>Prerequisite EES 301</i>)		+
15.	EES 404: Economic Modelling and Computer Simulation(<i>Prerequisite EES 400</i>)		+

Program Structure and Duration

The Postgraduate Diploma in Economics shall consist of coursework and examination. The PDEC shall take a minimum of one year. The candidate shall be required to take four (4) units each semester and a total of eight (8) units for the programme.

SN	Unit Code And Title	Sem I	Sem 2
1	EAE 700: Economic Development	+	
2	EAE 701: Project Appraisal		+
3	EES 700: Quantitative Methods	+	
4	EES 701: Applied Statistics for Economists		+
5	EES 702: Fundamentals of Econometrics	+	
6	EET 700: Microeconomic Analysis	+	
7	EET 701: Macroeconomic Analysis		+
8	EET 702: History of Economic Theories	+	

M. Econ (Econometrics)

Program Structure and Duration

The Master of Economics (Econometrics) shall consist of coursework, examination and Research Project. The M.Econ (Econometrics) programme shall take a minimum period of two years. A candidate in regular programme shall be required to take five (5) units each semester for THREE semesters giving a total of fifteen (15) units. In year two, a candidate shall concentrate on research work and submit a research project. A candidate in part time programme shall be required to do the fifteen (15) units in six (6) sessions. Two sessions make one semester.

SN	Unit Code And Title	Sem 1	Sem 2	Sem 3	Sem4
First year					
	Core Units				
1.	ECO 800: Economic Research Methodology	+			
2.	ECO 801: Economic Data Analysis and Computer Application(<i>Prerequisite EES 801</i>)			+	
3.	ECO 802: Research Project(Equivalent to 4 units- Year 2 Sem 2				+
4.	EES 800: Econometrics I	+			
5.	EES 801: Econometrics II(<i>Prerequisite EES 800</i>)		+		
6.	EES 802: Theory of Statistics	+			
7.	EES 804: Macro Econometrics(<i>Prerequisite EES 800</i>)			+	
8.	EES 803: Econometrics Theory(<i>Prerequisite EES 802</i>)		+		
9.	EES 805: Micro Econometrics(<i>Prerequisite EES 800</i>)			+	
10	EET 802: Advanced Microeconomics II		+		
11	EET 803: Advanced Macroeconomics II		+		
12	EET 800: Advanced Microeconomics I	+			

13	EET 801: Advanced Macroeconomics I	+			
	Choose One Elective in Semester 2		+		
14	EAE803: Monetary theory and Policy I				
15	EAE 809: Environmental Economics				
	EAE 805: Public Sector Economics I				
	Choose Two Electives in Semester 3			+	+
16	EAE 804: Monetary Theory and Policy II				
17	EAE 806: Public Sector Economics II				
18	EAE 813: Theory of Finance				

Phd in Economics

Program Structure and Duration

The Doctor of Philosophy in Economics shall consist of coursework, examination and Thesis. The PhD programme shall take a minimum period of three years comprising of two years course work and one year of Thesis writing. Year one has two semesters and a candidate shall be required to take a total of six (6) units. Year two has three semesters where; a candidate is required to take a total of five (5) units during the first and second semesters and total of four (4) comprehensive units during the third semester. In year three the candidate shall concentrate on research work and submit a PhD Thesis.

Year One

SN	Unit Code and Title	Sem1	Sem2
1.	ECO 900: Research Methods	+	
2.	EES 900: Quantitative Methods I	+	
3.	EES 901: Quantitative Methods II(<i>Prerequisite EES 900</i>)		+
4.	EET 900: Microeconomics I	+	
5.	EET 901: Microeconomics II		+
6.	EET 902: Macroeconomics I		+

Year Two

7.	EET 903: Macro Economics II	+	

Year Two: Choose any TWO Electives during SEM I and SEM II

Choose FOUR Comprehensive units in SEM III

SN	Unit Code and Title	Sem1	Sem2	Sem3
1	EAE 901: Agricultural Economics I	+		
2	EAE 902: Agricultural Economics II		+	
3	EAE 903: Industrial Economics I	+		
4	EAE 904: Industrial Economics II		+	

5	EAE 905: Comprehensive Macroeconomics			+
6	EAE 905: Labour Economics I	+		
7	EAE 906: Labour Economics II		+	
8	EAE 907: Health Economics I	+		
9	EAE 908: Health Economics II		+	
10	EAE 909: Environmental Economics I	+		
11	EAE 910: Environmental Economics II		+	
12	EAE 911: Monetary Economics I	+		
13	EAE 912: Monetary Economics II		+	
14	EAE 913: Public Sector Economics I	+		
15	EAE 914: Public Sector Economics II		+	
16	EAE 915: International Economics I	+		
17	EAE 916: International Economics II		+	
18	EAE 917: Development Economics I	+		
19	EAE 918: Development Economics II		+	
20	EAE 919: Independent Study Paper	+		
21	EAE 920: Comprehensive Public Sector Economics			+
22	EAE 921: Comprehensive International Economics			+
23	EAE 922: Comprehensive Environmental Economics			+
24	EAE 923: Comprehensive Health Economics			+
25	EAE 924: Comprehensive Agricultural Economics			+
26	EAE 925: Comprehensive Monetary Economics			+
27	EAE 926: Comprehensive Industrial Economics			+
28	EAE 927: Comprehensive Labour Economics			+
29	EAE 928: Comprehensive Development Economics			+
30	EES 902: Advanced Statistics	+		
31	EES 903: Economic Theory and Practice I(<i>Prerequisite EES 901</i>)	+		
32	EES 904: Economic Theory and Practice II(<i>Prerequisite EES 901</i>)		+	
33	EES905: Comprehensive Econometrics theory and Practice			+
34	EET 904: Comprehensive Microeconomics			+

Year Three

SN	Unit Code and Title	Sem1	Sem2
1	ECO 901: PhD in Economics Thesis	Year 3	

5.3 Department of Economic Theory

Bachelor of Economics

The Programme Duration and Structure

The programme shall be offered by course work over duration of 4 years. The course shall be covered in 4 years of 2 semesters each.

Course work shall consist of a total of 48 units taught over four semesters including elective units to qualify for the degree programme.

In the first year, students will be required to take a total of 12 core units six which will be done in each of the two semesters.

In the second year, students will be required to take a total of 12 core units equally distributed between the first and the second semester. The student will be required to undertake four core and two elective courses per semester in each of the third and fourth year.

List of Units across Semesters

Level 100

SN	Unit Code and Title	Sem 1	Sem 2
1	BAC 100: Fundamentals of Accounting I	+	
2	BAC 101: Fundamentals of Accounting II		+
3	BBA 102: Principles of Management	+	
4	BMS 101: Introduction to Insurance		+
5	EAE 100: Economics of Information Technology	+	
6	EES 100: Mathematics for Economists I	+	
7	EES 101: Statistics for Economists I		+
8	EET 100: Microeconomic Theory I	+	
9	EET 101: Macroeconomic Theory I		+
10	UCU 100: Communication skills		+
11	UCU 103: Introduction to creative and critical thinking	+	
12	UCU 106: Ethics, Citizenship and Diversity		+

Level 200

SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	BAC 200: Accounting for Assets	+		
2	BAC 201: Accounting for Liabilities and Equities		+	
3	BAC 203: Business Finance I	+		
4	BAC 204: Business Finance II		+	
5	EAE 200: Economics of Global Business		+	
6	EAE 201: Economics of Public Expenditure	+		
8	EAE 202: Financial Instruments and Risk Management		+	
9	EAE 204: Economic Development	+		
10	EES 200: Mathematics for Economists II	+		EES 100
11	EES 201: Statistics for Economists II		+	EES 101
12	EET 200: Microeconomic Theory II	+		EET 100

13	EET 201: Macroeconomic Theory II		+	EET 101

Level 300

SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	EAE 307: International Economics I	+		
2	ECO 300: Research Methods	+		
3	EES 300: Mathematics for Economists III	+		
4	EET 300: Microeconomic Theory III	+		EET 200
	Chose a minimum of two electives			
8	EAE 301: Taxation Economics and Policy		+	
	EAE 304: Labour Economics	+		
	EES 302: Operations Research I	+		
	EAE 305: Urban Economics	+		
9	EAE 308: International Economics II		+	
10	EES 301: Fundamentals of Econometrics I		+	
11	EET 301: Macroeconomic Theory III		+	EET 201
	Chose a minimum of two electives			
	EAE 303: Managerial Economics		+	
	EAE 309: Health Economics		+	
	EAE 310: Economics of Money and Banking		+	

Level 400

SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	EAE 405: Development Planning	+		
2	ECO 400: Project (Equivalent to 1 unit)	+		
3	EES 400: Fundamentals of Econometrics I	+		
4	EET 400: Microeconomic Theory IV	+		EET 100 EET 200
	Chose a minimum of two electives			
	EAE 408: Economics of Industry	+		
	EAE 410: Demographic Economics	+		
	EAE 413: Energy and Environmental Economics	+		
	EET 402: History of Economic Thought	+		
8	EAE 412: Project Appraisal		+	
9	EES 401: Fundamentals of Econometrics II		+	
10	EES 401: Fundamentals of Econometrics II		+	
11	EET 401: Macroeconomic Theory IV		+	EET 301

	Chose a minimum of two electives			
	EAE 401: Monetary Theory and Policy		+	
	EAE 404: Economic of Public Enterprises		+	
	EES 402: Operations Research II		+	
	EES 403: Applied Statistics for Economists		+	

Masters of Economics

The Programme Duration and Structure

The programme shall be offered by course work and project over duration of 2 years. The course shall be covered in 2 years of 2 semesters each

The programme shall consist of a total of 14 taught units and a project which is equivalent to four units.

The Masters of Economics shall consist of coursework, examination and project to be offered by course work over duration of 4 years. The programme shall take a minimum period of two years. In year one, a candidate shall be required to take a total of 10 units. In year two, a candidate shall take four units in the first semester with one of them being elective and concentrate on research work and submit a project in the second semester of the second year.

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3	Sem 4
1	EAE 800: Project Planning, Monitoring and Evaluation	+			
2	EAE 801: Development Theories and Strategies		+		
3	EAE 802: Planning Techniques			+	
4	EAE 805: Public Sector Economics I		+		
5	EAE 806: Public Sector Economics II			+	
6	ECO 800: Economic Research Methodology	+			
7	ECO 801: Research Project				+
8	ECO 801: Economic Data Analysis and Computer Applications			+	
9	EES 800: Econometrics I	+			
10	EES 801: Econometrics II		+		
11	EET 800: Advanced Microeconomics I	+			
12	EET 801: Advanced Macroeconomics I	+			
13	EET 802: Advanced Microeconomics II (<i>Pre-requisite EET 800</i>)		+		
14	EET 803: Advanced Macroeconomics II (<i>Pre-requisite EET 801</i>)		+		

One elective				
EAE 803: Monetary theory and Policy			+	
EAE 813: International Finance			+	
EAE 816: Corporate Finance and Investment			+	

Masters of Economics (Policy and Management)

The Programme Duration and Structure

The programme shall be offered by course work and project over duration of 2 years. The course shall be covered in 2 years of 2 semesters each.

The programme shall consist of a total of 14 taught units and a project which is equivalent to four units.

The Masters of Economics shall consist of coursework, examination and project to be offered by course work over duration of 4 years. The programme shall take a minimum period of two years. In year one, a candidate shall be required to take a total of 10 units. In year two, a candidate shall take four units in the first semester with one of them being elective and concentrate on research work and submit a project in the second semester of the second year.

SN	Unit Code and Title	Sem 1	Sem2	Sem3	Sem4
1	EAE800: Project Planning, Monitoring and Evaluation	+			
2	EAE805: Public Sector Economics I		+		
3	EAE806: Public Sector Economics II			+	
4	EAE829: Economic Policy Analysis, Design and Evaluation		+		
5	EAE830: Political Economy			+	
6	ECO800: Economic Research Methodology	+			
7	ECO801: Research Project				+
8	ECO801: Economic Data Analysis and Computer Applications			+	
9	EES800: Econometrics I	+			
10	EES801: Econometrics II		+		
11	EET800: Advanced Microeconomics I	+			
12	EET 801: Advanced Macroeconomics I	+			
13	EET 802: Advanced Microeconomics II (<i>Pre-requisite EET 800</i>)		+		
14	EET 803: Advanced Macroeconomics II(<i>Pre-requisite EET 801</i>)		+		
	One elective				
	EAE 803: Monetary theory and Policy			+	
	EAE 813: International Finance			+	
	EAE 835: Public Policy			+	

Masters of Regional Integration

The Programme Duration and Structure

The programme shall be offered by course work and dissertation over duration of 2 years inclusive of dissertation period. The course work shall be covered in one and a half years of 3 semesters and the dissertation in six months (one semester). Internship will be discretionary, depending on the nature and background of the learners and it shall be provided for as part of the last semester.

Course work shall consist of 15 courses (5 courses per semester) taught over three semesters. The first semester shall cover 5 core courses, the second, 5 core courses and the third semester, 5 elective courses.

List of Units across Semesters

SN	Unit code & Title	Sem 1	Sem2	Sem3	Sem 4
	Core Units				
1	ECO 803: Research Methodology for Regional Integration	+			
2	EAE 853: International Trade Theory and Policy	+			
3	EAE 854: Theories of Regional Integration	+			
4	EAE 855: Financial Institutions for Regional Integration		+		
5	EES 815: Quantitative and Qualitative Tools for Trade analysis		+		
6	EET 807: Microeconomic Foundations for Trade	+			
7	EET 808: Macroeconomic Foundations for Trade		+		
8	LIL 830: International Trade Law	+			
9	LIL 831: Institutional and Legal Framework for Regional Integration		+		

10	EAE 856: Political Economy for Regional Integration		+		
	Elective in semester (choose any five)			+	
	EAE 857: Trade Negotiations and Regional Cooperation Agreements				
	LCC 832: Intellectual Property Rights			+	
	LIL 833: International Investment Policy and Law				
	EAE 858: Infrastructure for Regional Integration				
	EAE 859: Project Planning and Management				
	LCC 829: Competition Law and Policy			+	
	EAE 860: Trade in Services				
	EAE 861: Regional Integration, Migration and Labour Mobility				
	EAE 862: Industrialization for Regional Integration			+	
	EAE 863: Natural Resource and Revenue Management				
	EAE 864: Trade, Environment and Climate Change				
	LCC 834: Trade Remedies and Dispute Resolution				
	BMS 870: Value Chains and Production networks				
	EES 816: Advanced Quantitative Tools for Trade Analysis				
	EAE 865: Taxation for Regional Integration				
	BBA 858: Electronic Trade and Business Communications				
	EAE 866: Foreign Direct Investment and Regional Integration				
	EAE 867: Technology Diffusion and Innovation				
	EAE 868: Economics of Monetary Integration				
	EAE 869: Trade finance for Regional Integration			+	
16	Dissertation				+

Ph.D.

- EET 901: Microeconomics II – Prerequisite EET 900: Microeconomics I
- EET 903: Macroeconomics II – Prerequisite EET 902: Macroeconomics I

6. SCHOOL OF EDUCATION

6.1 Department of Early Childhood & Special Needs Education

Certificate in Early Childhood Development and Education

Program Structure and Duration

The duration of the certificate in Early Childhood Development Education is two semesters for the residential programme and three sessions for the institutional based mode (August, December and April). The programme consists of 12 units (including teaching practice). In order to qualify for the award of the certificate, candidates must pass all the units. *The contact hours is be 35 per unit.*

List of Units across Semesters

S N	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	ECE 001: General Psychology and Child Development	+		
2	ECE 002: Indoor and Outdoor Play Activities	+		
3	ECE 003: Language Development in ECE	+		
4	ECE 004: Nutrition, Health Education and Care	+		
5	ECE 005: Social Studies and CRE	+		
6	ECE 006: Creative Arts and Craft	+		
7	ECE007:Introduction to instruction Methods&Strategies in Early Childhood Education		+	
8	ECE 008: Science Activities in Early Childhood		+	
9	ECE009:Basic Principle of Administration and Supervision of ECE Programs		+	
10	ECE010:Early Identification and Intervention of Children with Special Needs		+	
11	ECE 011: Teaching Practice (Two units)			+

Diploma in Early Childhood Care and Education

Program Structure and Duration

The diploma in Early Childhood Care and Education is offered in three modes that is, residential, Virtual and open learning and school based. The minimum duration for the residential programme is three semesters. The programme consists of 21 units usually offered in four semesters. The four semesters include one semester during which students go for Teaching Practice or attachment. In order to qualify for the award of the diploma, candidates must pass all the units. *The contact hours is be 35 per unit.*

List of Units across Semesters

	Year One			
S N	Unit Code and Title	Sem 1	Sem 2	Prerequi- sites
1	ECE 041: Introduction to General Psychology	+		
2	ECE 042: Overview of Child Development: Prenatal and Infancy	+		
3	ECE 043: Health Education and Practices	+		
4	ECE 044: Foods and Nutrition for Infants and Young Children	+		
5	ECE 045: Introduction to General Methods in ECE	+		
6	ECE 046: Foundation of Historical Development of ECE in Kenya	+		
7	ECE 047: Overview of Childhood Development		+	ECE042
8	ECE 048: Basics of Language in Early Childhood		+	
9	ECE 049: Art, Craft and Material Development		+	
10	ECE 050: Play, Music and Drama in Early Childhood		+	
11	ECE 051: Basics of Science and Mathematics		+	
12	ECE 052: Religious and Social Studies in Early Childhood		+	
	Year Two			
S N	Unit Code and Title	Sem 1	Sem 2	
1	ECE 053: Foundations of Community Education and Mobilization	+		
2	ECE 054: Children with Special Needs	+		
3	ECE 055: Care giving and the Role of Family in Changing Society	+		
4	ECE 056: Introduction to Research Methods	+		
5	ECE 057: Management of programmes for Infants and Young Children	+		
6	ECE 058: Foundations of Guidance and Counselling	+		
7	ECE 059: Attachment	+		
8	ECE 060: Teaching Practice (Two units)		+	

Bachelor of Education (Early Childhood Education)**Program Structure and Duration**

The duration of study shall extend over a period of not less than four academic years. The Bachelor of Education (Early Childhood Education) is offered through residential/regular, open learning and school based programmes. *The contact hours is 35 per unit.*

List of Units across Semesters

	Level 100			
S N	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	ECE 101 : General Psychology	+		
2	ECE 102 :Child Development I	+		
3	ECE 103 :Child Development II		+	ECE102
4	ECE 104 :Social Interaction in Early Childhood Development	+		
5	ECE 105: Health Education and Practices	+		
6	ECE 106 :Foods and Nutrition Education	+		
7	ECE 107 :Philosophical and Sociological Foundations of ECE		+	
8	ECE 108 :The Pre-school Curriculum		+	
9	ECE 109 :Practicum I		+	
10	UCU 100 :Communication Skills	+		
11	UCU 103 :Introduction to Critical and Creative Thinking or		+	
12	UCU 104 :Introduction to Entrepreneurship		+	
	Level 200			
S N	Unit Code and Title	Sem 1	Sem 2	
1	ECE 201: General Methods	+		
2	ECE 202 : Instructional Media	+		
3	ECE 203 :Language for Early Childhood Education	+		
4	ECE 204: Introduction to Art and Craft	+		
5	ECE 205 : Music, Movement and Drama Education	+		
6	ECE 206 Science and Mathematics for Early Childhood Education	+		
7	ECE 207: Historical Development of Early Childhood	+		
8	ECE 208 : Community Education and Mobilization		+	
9	ECE 209 :Statistics, Tests and Measurements		+	
10	ECE 210 :Material Development for Early Childhood		+	
11	ECE 211 :Personality Development		+	
12	ECE 212 :Practicum II		+	ECE 109
13	ECE 213 : Attachment to an Early Childhood Institution/ Centre		+	
	Level 300			
S N	Unit Code and Title	Sem 1	Sem 2	
1	ECE 301: Language Methods for Early Childhood Education	+		ECE 203
2	ECE 302: Art and Craft Methods	+		ECE 204
3	ECE 303: Methods of Teaching Music	+		ECE 205
4	ECE 304: Methods of Teaching Science and Mathematics	+		ECE 206

5	ECE 305: Social Studies	+		
6	ECE 306: Indoor and Outdoor Play Activities	+		ECE 103
7	ECE 307: Human Learning		+	
8	ECE 308: Research in Child and Family Studies I		+	
9	ECE 309: Organization and Management of Feeding Programmes		+	
10	ECE310:Administration and Supervision of Early Childhood Education		+	
11	ECE 311: Comparative Education in Early Childhood Education		+	ECE 108
12	ECE 312: Practicum III		+	ECE 212
13	ECT 301 :Teaching Practice (Two units)	+		
	Level 400			
S N	Unit Code and Title	Sem 1	Sem 2	
1	ECE 401: Rights of Children and their Welfare	+		
2	ECE 402: Exceptional Children	+		
3	ECE 403 : Screening Procedures in Children	+		
4	ECE 404 :Adolescent and Adult Psychology	+		ECE 203
5	ECE 405 :Role of Family in a Changing Society	+		
6	ECE 406: Programme Planning, Implementation and Evaluation	+		
7	ECE 407: Literature in Early Childhood Education		+	
8	ECE 408: Maternal and Child Nutrition		+	
9	ECE 409: Practicum IV		+	ECE402 ECE 403
10	ECE 410: Social Psychology		+	
11	ECE 411: Behaviour Disorders in Children		+	
12	ECE 412: Mainstreaming of Special Children		+	
13	ECE 413: Guidance and Counselling		+	
14	ECE 414: Research in Child and Family Studies II		+	

Postgraduate Diploma in Early Childhood Education

Program Structure and Duration

The postgraduate diploma will be offered in the School based mode and the students will take 12 courses within one year. During each session, the students will take four courses therefore; the students will complete the 12 courses in three sessions. The students are expected to complete writing their projects within six months after completion of their course work. *The contact hours is be 35 per unit.*

List of Units across Semesters

S N	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	ECE700: Children's Development from Birth to Pre-adolescence	+		
2	ECE701: Community Mobilization and Network Development	+		
3	ECE 702: Project Planning and Evaluation	+		
4	ECE 703: Children's Rights and Rights Based Programming	+		
5	ECE 704: Documentation and Methods of Action Research		+	
6	ECE 705: Statistics and Computer Applications		+	
7	ECE 706 :Health Education and Practices		+	
8	ECE 707 :Psycho-social Stimulation and Play		+	
9	ECE708:Material Development for Holistic Early Childhood Development			+
10	ECE709:Enhancing Capabilities in Management and Administration			+
11	ECE 710: Foods and Nutrition			+
12	ECE 711: Guidance and Counselling			+
13	ECE 712: Exceptional Children			+
14	ECE713:Service Provision for Challenged and Vulnerable Children			+
15	ECE 714: Methods of Facilitating Learning in Early Childhood			+
16	ECE715: Formal and Non-formal Early Childhood Curriculum			+
17	ECE 716 :Screening Methods			+
18	ECE 717: Adolescent and Adult Psychology			+
S N	Unit Code and Title	Sem 1	Sem 2	
1	Project	+		

Master of Education (Early Childhood Education)**Program Structure and Duration**

The masters' programme is available through either project or thesis option. Students who opt to write a thesis will be required to take 10 units during their first year of study. The students will also be expected to write their thesis during the second year. Students writing projects will be required to take 15 units. During the second year the students will be expected to complete their project. The masters' programmes are offered through residential/regular, virtual and open learning and institutional based modes. *The contact hours is be 35 per unit.*

Master of Education (Early Childhood Education) Thesis Option

List of Units across Semesters

	Level 800 Masters by Thesis		
SN	Unit Code and Title	Sem 1	Sem 2
1	ECC 800: Research Methods in Education	+	
2	ECC 802 :Statistics		+
3	ECE 801 :Contemporary Issues in Early Childhood Education	+	
4	ECE 802 :Families, Culture and Development	+	
5	ECE 803 :Health, Nutrition and Early Childhood Practices	+	
6	ECE 805 :Parents and Community Education Mobilization	+	
7	ECE 806 :Family Guidance and Counselling		+
8	ECE 807 :Resource Development and Management		+
9	ECE 808 :Project Design, Implementation and Administration		+
10	ECE 809 :Computer Applications		+
11	ECE 816 :Thesis	Year 2	

Master of Education (Early Childhood Education) Project Option

The contact hours is be 35 per unit.

List of Units across Semesters

	Level 800 – Masters by Project			
S N	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	ECC 800 :Research Methods in Education	+		
2	ECC 802: Statistics		+	
3	ECE801:Contemporary Issues in Early Childhood Education	+		
4	ECE 802 :Families, Culture and Development	+		
5	ECE803:Health,Nutrition and Early Childhood Practices	+		
6	ECE805:Parents and Community Education Mobilization	+		
7	ECE 806 :Family Guidance and Counselling		+	
8	ECE 807 :Resource Development and Management		+	
9	ECE808:Project Design, Implementation and Administration		+	
10	ECE 809 :Computer Applications		+	
11	ECE810: Fostering Creativity and Resilience in Young Children			+
12	ECE 811: Children in Especially Difficult Circumstances			+
13	ECE 812 :Advanced Psychology of Human Learning			+
14	ECE813 :Curriculum Development Implementation and Evaluation			+
15	ECE 814 :Professionalism, Leadership and Advocacy in ECE			+
Year Two				

16	ECE 815 Project (four units)	Year Two

Doctor of Philosophy

Program Structure and Duration

The Doctor of Philosophy program in Department of Early Childhood Studies is offered through the regular mode only. The programme consists of coursework, examination and thesis. The course takes a minimum of three years and maximum of four years as follows: During the first year of study, the candidate will be required to take eight (8) units of which five (5) are core units and three (3) are electives. During the second year the student is expected to develop, defend and submit a proposal for his/her thesis. During the third year, candidates will be required to collect and analyze research data, write, defend and submit their thesis. *The contact hours is be 35 per unit.*

List of Units across Semesters

S N	Unit Code and Title	Sem 1	Sem 2
1	ECE 900 :Advanced Child Development Theory	+	
2	ECE 901 :Practical Computer Applications	+	
3	ECE 902 :Advanced Research in Early Childhood Education	+	
4	ECE 903 :Advanced Educational Statistics	+	
5	ECE 904 :Psychological Assessment of Young Children	+	
6	ECE905:Curriculum Development in Early Childhood Education		+
7	ECE 906 :Advanced Personality Theory		+
8	ECE 907:Reading Assessment and Remediation		+
9	ECE 908 :Community Mobilization and Participation		+
10	ECE 910: Developmental Neuropsychology		+
11	ECE 911: Theory and Research in Psychology of Language		
12	ECE 912 :Gender Education		
Year Two			
13	ECE 913: Thesis	Year Two	

Diploma in Special Needs Education

Duration and Pattern of Course

The programme consists of 24 units to be offered in four (4) sessions. Candidates will also be required to go for Teaching Practice which is equivalent to 2 units. The course will take maximum of 24 months. The Diploma course will be offered in three modes: Residential, Institutional Based Programme (IBP) and ODeL.

List of Units across Semesters

S N	Unit Code and Title	Sem 1	Sem 2

Year 1			
1.	ESN 021: Introduction to Special Needs Education	+	
2.	ESN 022: Child Development and Learning.	+	
3.	ESN 023: Inclusion and Collaboration in Special Needs Education	+	
4.	ESN 024: Educational Assessment of Children with Special Needs	+	
5.	ESN 025: Instructional Methods for Learners with Special Needs	+	
6.	ESN 026: Managing Behaviour in the Classroom	+	
7.	ESN 027: Curriculum Development and Adaptation	+	
8.	ESN 028: Practicum		+
9.	ESN029:Basic Communication Skills for Learners withVisual Impairments		+
10.	ESN030:Basic Communication Skills for Learners withHearingImpairment		+
11.	ESN 031: Orientation and Mobility		+
12.	ESN 032: Introduction to Gifted and Talented		+
13.	ESN 033: Assistive Devices in Adapted Physical Education		+
14.	ESN034:Guidance and Counseling for Learners with Special Need Educ.		+
Year 2			
15.	ECT 151: Language Education	+	
16.	ECT 152 : Social Studies	+	
17.	ECT 153 : Mathematics Education	+	
18.	ECT 200: Technology in Primary School		+
19.	ECT 202: Introduction to Methods		+
20.	ECT 251: Science Education	+	
21.	ESN 035: Community Based Rehabilitation and Habilitation	+	
22.	ESN 036: Introduction to Intellectual Challenges	+	
23.	ESN 037: Special Needs in Early Childhood Education	+	
24.	ESN 038: Introduction to Learning Disabilities		+
	Diploma in Special Needs Education		
S N	Unit Code and Title	Sem 1	Sem 2
25.	ECT 252: Physical and Health Education		+
26.	ECT 253: Creative Art Education		+
27.	ESN 039: Teaching Practice	May to July	

Bachelor of Education (Special Needs Education)

Duration and Pattern of Course

The programme extends over a period of four academic years, but a student may take a shorter time through institutional unit transfer or credit waivers. To graduate with a Bed Special Needs Education degree a student must have studied and passed a maximum of 56 units. The programme extends over a period of four academic years.

List of Units across Semester

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1.	ESN 100: Development of Special Needs Education.	+	
2.	ESN 108: Behaviour Management in Inclusive Classrooms		+
3.	ESN 109: Assessment in Special Needs Education		+

SN	Level 200 - Unit Code and Title	Sem 1	Sem 2	May
1.	ESN 218: Augmentative & Alternative Communication	+		
2.	ESN 219: Curriculum Adaption and instructional strategies		+	
3.				+

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2

Areas of Specialization: (students required to take 2 units in any one of the following areas of specialization)

Area of physical disabilities and other health impairments			

1.	ESN 313: Medical Aspects for Physical Disabilities & Other Health Impairments	+	

2.	ESN 314: Habilitation & Rehabilitation of Motor Deviations		+

OR Area of Emotional and Behavioural Disorders			

1.	ESN 315: Children in Need of Care and Protection	+	

2.	ESN 316: Programmes for Emotional Behaviour Disorders		+

OR Area of Mental Retardation			

1.	ESN 317: Medical Aspects for Children with Mental Retardation	+	

2.	ESN 318: Learning & Cognitive Processes for Students with Mental Retardation		+

OR Area of Visual Impairment			

1.	ESN 319: Communication skills for Visual Impairment I	+	

2.	ESN 320: Communication skills for Visual Impairment II		+

OR: Area of Hearing Impairment			

1.	ESN 321: Communication Skills for Hearing Impairment I	+	

2.	ESN 322: Communication Skills for Hearing Impairment II		+

OR: Area of Learning Disabilities			

1.	ESN 323: Cognitive & Neurological Disorders in Learning Disabilities	+	

2.	ESN 324: Reading Difficulties /Dyslexia		+

OR: Area of Gifted and Talented			

1.	ESN 325: Learning and Cognitive Processes for students with Gifts and Talents	+	

2.	ESN 326: Programming for students who are gifted and talented		+

3.	University Teaching Practice	3 months	

SN	Level 400 - Unit Code and Title	Sem 1	Sem 2

1.	ESN 410: Vocational Rehabilitation & Career Counselling	+	

2.	ESN 420: Research Project in Special Needs Education		+

Areas of Specialisation Area of VI			

1.	ESN 415: Low Vision		+
Or: Area of PH &OHI			
1.	ESN 425: Assistive Technology and devices for learners with physical disabilities and other health impairment		+
Or: Area of MR			
1.	ESN 435: Biomedical Aspects of Autistic Spectrum Disorders		+
Or: Area of LD			
1.	ESN 445: Mathematical difficulties and discalcula		+
Or: Area of HI			
1.	ESN 455: Audiology & Electro-acoustics		+
Or: Area of EBD			
1.	ESN 465: Trends in the education of learners with emotional behaviour disorders		+
Or: Area of GT			
1.	ESN 495: Issues and trends in the education of learners who are gifted and talented		+
Special Needs Education Practicum (3 months)			
2.	ESN 220: Practicum (May-July Session)		

Postgraduate Diploma in Psycho-Educational Assessment

Duration and Pattern of Course

A student is expected to take 16 units for two years.

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2
Year 1			
1.	ESN 700: Historical Development of Special Needs Education	+	
2.	ESN 701: Development of Psycho-educational Assessment	+	
3.	ESN 702: Brain Anatomy and Physiology	+	
4.	ESN 703: Theories and Types of Psychological Tests	+	
5.	ESN 704: Tests Development	+	
6.	ESN 705: Personality Assessment	+	
7.	ESN 706: Clinical and Counselling Assessment Methods	+	
8.	ESN 707: Project	+	
Year 2			
SN	Unit Code and Title	Sem 1	Sem 2
1.	ESN 708: Statistics and Scales of Measurement		+
2.	ESN 709: Neuropsychological Assessment		+

3.	ESN 710: Assessment of Career and Transitional Programmes		+
4.	ESN 711: Diagnosis for Teaching learners		+
5.	ESN 712: Issues on Assessment and Diagnosis		+
6.	ESN 713: Research Methods In Psychological Assessment		+
7.	ESN 714: Guidance and Counselling for Persons with Special Needs		+
8.	ESN 715: Internship		+

Master of Education (Special Needs Education)

Duration and Pattern of Course

The Masters program takes duration of 2 years to complete. The mode is in either full-time or institutional based. The program involves coursework research and thesis.

Program Structure

Pattern for the Master's degree in Special Needs Education

Thesis: 10 taught units in year 1 and thesis in year 2

Project: 14 taught units and a Project in year 2

The M. Ed. Degrees in Special Needs Education shall be by coursework, examination and thesis or project as shown below:

Thesis Option

Students taking thesis option will be required to take 10 units; 6 common and 4 in selected area of specialization.

Project Option

Students taking project option will be required to take 14 units; 10 common and 4 in a selected area of specialization.

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2
1.	ECC 800: Research Methods in Education	+	
2.	ECC 802: Educational Statistics	+	
3.	ESN 800: Education Foundation of Exceptionality	+	
4.	ESN 801: Data Analysis and Computer Applications		+
5.	ESN 803: Community Based Rehabilitation (CBR)		+
6.	ESN 804: Practicum in Assessment and Evaluation		+
Areas Of Specialisation: All students will be required to take FOUR units in one of the following areas of specialization (M.ED-SNE)			
Physical and Multiple Disabilities			
1.	ESN810:Instructional Strategies for Learners with Physical& Multiple Impairment	+	

2.	ESN 811: Assistive Technology for Learners with Physical and Multiple Impairment	+	
3.	ESN812: Transitional Planning and Processes for Learners with Physical and Multiple Impairment		+
4.	ESN813: Problems and Issues in Education of Learners with Physical and Multiple Impairments		+
Other Health Impairments			
1.	ESN 814: Instructional Strategies for Learners with Other Health Impairment	+	
2.	ESN 815: Management of Health Needs of Learners with Other Health Impairment	+	
SN	Unit Code and Title	Sem 1	Sem 2
3.	ESN 816: Assessment Strategies of Learners with Other Health Impairment		+
4.	ESN 817: Problems and Issues in Education of Learners with Other Health Impairment		+
	OR: Gifted and Talented		
1.	ESN818: Psycho-Social Factors in Education of Learners who are Gifted and Talented	+	
2.	ESN 819: Teaching, Curriculum and Evaluation of Learners who are Gifted and Talented	+	
3.	ESN 820: Nurturing Learners who are Gifted and Talented		+
4.	ESN 821: Problems and Issues in Education of Gifted and Talented Learners		+
	OR: Emotional and Behaviour Disorders		
1.	ESN 822: Learners with Emotional and Behavioural Disorders	+	
2.	ESN 823: Curriculum and Instructional Strategies for Children with Emotional Behaviour Disorders	+	
3.	ESN 824: Individuals in Need of Care and Protection		+
4.	ESN 825: Problems and Issues in Education of Learners with Emotional and Behaviour Disorders		+
	OR: Learning Disabilities		
1.	ESN 826: Education of Learners with Learning Disabilities	+	
2.	ESN 827: Teaching, Curriculum and Evaluation of Learners with Learning Disabilities	+	
3.	ESN 828: Diagnosis and Remediation of Basic Academic Skills and Language		+
4.	ESN 829: Problems and Issues in Education of Learners with Learning Disabilities		+
	OR: Mental Retardation		
1.	ESN 830: Education of Learners with Mental Retardation	+	
2.	ESN 831: Curriculum and Instructional Strategies for Learners with Mental Retardation	+	
3.	ESN 832: Training Learners with Severe and Profound Mental Retardation		+

4.	ESN 833: Problems and Issues in Education of Learners with Mental Retardation		+
	OR: Hearing Impairments		
1.	ESN 834: Foundation in Education for Persons with Hearing Impairments	+	
2.	ESN 835: Communication Systems	+	
3.	ESN 836: Aural Habilitation for Learners with Hearing Impairment		+
4.	ESN 837: Problems and Issues in Education of Learners with Hearing Impairment		+
	OR: Visual Impairment		
1.	ESN 838: Advanced Braille and Tactile Graphics	+	
2.	ESN 839: Methods and Materials for Students with Visual Impairment	+	
3.	ESN 840: Low Vision		+

SN	Unit Code and Title	Sem 1	Sem 2
4.	ESN841: Problems and Issues in Education of Students with Visual Impairment		+
	OR: Autism Spectrum Disorders		
1.	ESN 842: Education of Learners with Autism	+	
2.	ESN 843: Curriculum and Instructional Strategies for Learners with Autism	+	
3.	ESN 844: Assessment and Intervention Strategies for learners with Autism		+
4.	ESN 845: Problems and Issues in Education of Students with Autism		+
	Additional Courses For Students Pursuing Project Option		
	Students pursuing project option will be required to take the following 4 units		
1.	ESN 806: Inclusive Education	+	
2.	ESN 807: Early Childhood Intervention in Special Needs Education	+	
3.	ESN 808: Disability and the Law	+	
4.	ESN 809: Guidance and Counseling for Students with SNE and their Families	+	
	2nd Year		
1.	ESN 846: Thesis	+	
2.	ESN 847: Project	+	

Masters in Speech and Language Pathology

Duration and Pattern of Course

A student is expected to take 18 units. In addition, a student is expected to take a 1 year full-time internship. During the 3rd year, a student is also expected to write a dissertation.

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2
Year 1			
1.	ESN852: Introduction to Speech-Language Pathology, Clinical Methods, Observation	+	
2.	ESN 853: Anatomy for Communication Sciences	+	
3.	ESN 854: Neural Basis	+	
4.	ESN 855: Normal Language Development and Intro to Language Studies	+	
5.	ESN 856: Foundation of Research and Proposal Development	+	
6.	ESN 857: Early Intervention		+
7.	ESN 858: Phonetics, Phonological and Articulation Disorders		+
8.	ESN 859: Speech / Hearing Sciences and Basic Audiology, Aural (Re) habilitation		+
9.	ESN 860: Language Learning Disability, Diagnostics and Assessment of Child Language Disorders		+
10.	ESN 861: Treatment of Child Language Disorders and Clinical Therapy		+
Year 2			
11.	ESN862: Assessment and Treatment of Adult Neurogenic Language Disorders	+	
12.	ESN 863: Pediatric and Adult Motor Speech Disorders	+	
13.	ESN 864: Autism Spectrum Disorder	+	
14.	ESN 865: Craniofacial Disorders	+	
15.	ESN 866: Voice and Resonance Disorders and Fluency Disorders	+	
16.	ESN 867: Pediatric and Adult Dysphagia		+
17.	ESN 868: Seminars in Communication Sciences		+
Year 3			
18.	ESN 869: Full-time Internship	+	
19.	ESN 870: Comprehensive Exams, Dissertation and Final Project	+	

Doctor of Philosophy (Special Needs Education)

Duration and Pattern of Course

The duration of the Doctor of Philosophy degree program shall be as follows:

A full time/regular and evenings and Saturdays.

A part-time student Institutional Based Programme (IBP) and Open Distance & e-learning (ODEL) students shall be registered for a minimum of three years and a maximum of four years.

The programme shall consist of Coursework and Thesis.

Courses shall be structured in units in which a unit is defined as 35 hours per Semester in which lectures will be given in block of 3 hours per week. All course-work shall be done within one year for full-time students and two years for part-time students.

PHASE 1- Course work: the students will be required to take ten (10) units of which five (5) are common units and five (5) core units.

PHASE 2- The candidate is expected to develop, defend and submit the proposal for the thesis/ dissertation.

PHASE 3- The candidate will be required to collect and analyze the research data and write, defend and submit the thesis/dissertation

Equivalent to (2) units.

List of Units across Semesters

	Level 900		
SN	Unit Code and Title	Sem 1	Sem 2
	Year 1		
1.	ESN 900: Thesis	+	
2.	ESN 901: High and low incidence disability	+	
3.	ESN 902: Research Methods	+	
4.	ESN 903: Statistics		+
5.	ESN 904: Assessment Techniques in Special Needs Education		+
Year 2			
Physical Disabilities			
1.	ESN 906: Physical Disability as Part of Human Diversity	+	
2.	ESN 907: Physical Activity and Sports for Physical Disability	+	
3.	ESN 908: Accessibility for Persons with Physical Disabilities		+
4.	ESN 909: Management of Community Based Rehabilitation Programs		+
5.	ESN 910: Research in Physical Disability Studies		+
Emotional Behavior Disorders			
1.	ESN 911: Emotional and behavior Disorders	+	
2.	ESN 912: Programme Development for Providing Quality Services	+	
3.	ESN 913: Issues and trends in Emotional and Behaviour Disorders		+

	Level 900		
S N	Unit Code and Title	Sem 1	Sem 2
4.	ESN 914: Multimedia development for youth with Emotional & Behaviour Disorders		+
5.	ESN 915: Transition to Responsible Adulthood		+
Hearing Impairment			
1.	ESN 916: Curriculum Based Assessment for the Deaf	+	
2.	ESN 917: Audiology and Related Issues	+	
3.	ESN 918: Family Centered Approaches in Deaf Education		+
4.	ESN 919: Transitional Strategies for the Deaf		+
5.	ESN 920: Relevant Laws and Reports for Inclusion of Deaf in the Main Stream		+
Intellectual Disabilities			

1.	ESN 921: Intellectual disabilities and family issues	+	
2.	ESN 922: Assessment and Management	+	
3.	ESN 923: Transition Programs for youth and adults		+
4.	ESN 924: Youth and Adult Empowerment		+
5.	ESN 925: Research Seminar in Intellectual Disabilities		+
Learning Disability			
1.	ESN 926: Behavioral Management and Instructional Techniques	+	
2.	ESN 927: Understanding Dyslexia	+	
3.	ESN 928: Attention Deficit Disorders and Attention Deficit Hyperactive Disorders		+
4.	ESN 929: Contemporary Issues and Models of Learning		+
5.	ESN 930: Research Seminar		+
Communication Disorders			
1.	ESN 931: Developmental Language Disorders; Preschoolers	+	
2.	ESN 932: Developmental Language Disorders: Elementary School Age -	+	
3.	ESN 933: Developmental Language Disorders: Adults		+
4.	ESN 934: Psychotherapy in Public Schools		+
5.	ESN 935: Incidence of Speech Disorders		+
Visual Impairment			
1.	ESN 936: Assistive Technology	+	
2.	ESN 937: Curriculum Issues in Orientation and Mobility	+	
3.	ESN 938: Low Vision Rehabilitation		+
4.	ESN 939: Practicum in Institutions (one school term)		+
5.	ESN 940: Research Seminar in Visual Impairment Studies		+
Autism			
1.	ESN 941: Foundation of Autism	+	
2.	ESN 942: Psychological Models of Autism Spectrum Disorders	+	
3.	ESN 943: Social Skills and Autism		+
4.	ESN 944: Communication and Autism		+
5.	ESN 945: Management of Challenging Behaviour		+
Level 900			
S N	Unit Code and Title	Sem 1	Sem 2
Gifted and Talented			
1.	ESN 946: Persons who are Gifted and Talented with Additional Needs	+	
2.	ESN 947: Inclusion of the Gifted and Talented in Regular classrooms	+	
3.	ESN 948: Empowering Parents of children who are gifted and talented in different areas		+
4.	ESN 949: Internet-Based Technology in Education		+
5.	ESN 950: Counseling for the Gifted and Talented		+

6.2 Department of Educational Communication & Technology

1. Hours covered per all unit- 35 hours
2. Prerequisite for B.Ed
 - a. UCU 100 (No Prerequisite)
 - b. ECT 202 (No Prerequisite)
 - c. ECT 300 (ECT 202 Prerequisite)
 - d. Subject Methods (UCU 100,ECT 202, ECT 300)
 - e. Teaching Practice ECT 301 (UCU 100,ECT 202, ECT 300, Subject Methods)
3. Prerequisite PGDE
 - a. ECT 701
 - b. ECT 702
 - c. ECT 703
 - d. Teaching Methods

Diploma in Public Relations

Diploma in Public Relations shall consist of 1 year and ½ of course and 3 months attachment. A candidate shall be required to take a total of 18 units and a research project.

SN	Unit Code And Tittle	Sem 1	Sem 2	Sem 3
1.	ECT 011: Fundamentals of Public Relations	+		
2.	ECT 012: Public Relations and Management	+		
3.	ECT 013: Fundamentals of Communication	+		
4.	ECT 014: Media Relations	+		
5.	ECT 015: Communication Research	+		
6.	ECT 016: Introduction of Advertising	+		
7.	ECT 017: PR Ethics and Law		+	
8.	ECT 018: Writing for Public Relations		+	
9.	ECT 019: IT and Public Relations		+	
10.	ECT 020: PR Sales and Marketing		+	
11.	ECT021: Introduction of Journalism & Mass Comm		+	
12.	ECT 022: International Business Relations		+	
13.	ECT 023: Organizational Behaviour			+
14.	ECT 024: Business Communication			+
15.	ECT 025: Government Public Relations			+
16.	ECT 026: Selected Topics in Public Relations			+
17.	ECT 027: Research Project / Practicum			+

Undergraduate Program

The undergraduate program shall consist of Communication Skills (a unit done by all university students), Instructional Methods, Educational Technology and Subject Methods. The candidate to select 2 subjects in third year semester 2 before teaching practice. The course has 5 units from the department. The course is done in four (4) years.

SN	Level 100 Unit Code and Title	Sem 1	Sem 2
1.	UCU 100: Communication Skills	+	+
SN	Level 200	Sem 1	Sem 2
1.	ECT 202: Instructional Methods <i>(Prerequisite to ECT 300)</i>	+	
Sn	Level 300	Sem 1	Sem 2
1.	ECT 300: Educational Technology	+	
2.	ECT 302: Mathematics Methods		+
3.	ECT 303: Special Methods		+
4.	ECT 304: Biology Methods		+
5.	ECT 305: Chemistry Methods		+
6.	ECT 306: Physics Methods		+
7.	ECT 307: History Methods		+
8.	ECT 308: Geography Methods		+
9.	ECT 309: Religious Methods		+
10.	ECT 310: English Methods		+
11.	ECT 311: Literature methods		+
12.	ECT 312: French Methods		+
13.	ECT 313: Kiswahili Methods		+
14.	ECT 314: Business Methods		+
15.	ECT 315: Physical Methods I		+
16..	ECT 316: Physical Methods II		+
17.	ECT 317: Music Methods I		+
18.	ECT 318: Music Methods II		+
19	ECT 319: Home Economics Methods		+
20.	ECT 321: Fine Art Methods I		+
21.	ECT 322: Fine Art Methods II		+
22.	ECT 323: German Methods		+
24.	ECT 325: Library Methods		+
25.	ECT 329: Information Technology		+
26.	ECT 330: Agriculture Methods		+
27	ECT 337: Film Production and Theatre Arts		+
28.	ECT 338: Drama and Theatre Arts		+
29	EC T 301: Teaching Practice		Sem 3

Postgraduate Diploma in Education (PGDE)

The Postgraduate Diploma in Education shall consist of sixteen Education units plus project. The course is done in nine (9) months.

Level 700			
SN	Unit Code And Title	Sem1	Sem2
1.	ECT 701: Instructional Methods	+	
2.	ECT 702: Educational Technology		+
3.	ECT 703: Peer Teaching & Media		+
6	ECT 706: Agriculture Methods		+
4.	ECT 708: Biology Methods		+
5.	ECT 709: Chemistry Methods		+
7.	ECT 710: Business Methods		+
8.	ECT 714: English Methods		+
9.	ECT 716: Geography Methods		+
10.	ECT 717 Music Methods		+
11.	ECT 718: History Methods		+
12	ECT 720: Kiswahili Methods		+
13.	ECT 721: Literature Methods		+
14.	ECT 722: Mathematics Methods		+
15	ECT 724: Religious Education		+
16.	ECT 729: Physics Methods		+
17.	ECT 734: Fine Arts Methods		+
18.	ECT 738: Information Technology Methods		+

Master in Education

The Master in Education (MED) shall consist of coursework, examination and thesis. The M.Ed shall take a minimum of two years. A candidate shall be required to take a total of 10 units (4 departmental core units, 2 school core units, 2 panel core units and 2 teaching subject units). In year

two, a candidate shall concentrate on research work and submit a thesis.

Level 800			
SN		Sem1	Sem2
1.	ECC 800: Research Methods in Education	+	
2.	ECC 802 Educational Statistics		+
3.	ECT 557:Resources for Teaching Art and Design		+
4.	ECT 801: Foundations of Educational Technology&Instructional Design	+	
5.	ECT 802: New Trends in Education	+	
6.	ECT 803: Design and Production of Educational Media	+	
7.	ECT 804: Management of Learning Resources	+	

8.	ECT 806:The Nature of Social Studies		+
9.	ECT 807: Program, Innovation & Learner Participation in Social Studies		+
10.	ECT 808: Objectives and Content in History Education		+
11.	ECT 809: Methods, Aims and Resource in History Education		+
12.	ECT 810: Objectives and Content in Geography Education		+
13.	ECT 811: Methods, Aids and Resources in Geography Education		+
14.	ECT 812: Objectives and Content in Religious Education		+
15.	ECT 813: Methods, Aids and Resources in Religious Education		+
16.	ECT 814: Objectives and Content in Social Education and Ethics		+
17.	ECT 815: Language and Society		+
18.	ECT 816: Language in Education		+
19.	ECT 817: English Course Design and Development		+
20.	ECT 818: Innovation in English Language Education		+
21.	ECT 819: Kozi naUfundishaji		+
22.	ECT 820: Lugha naFasihi		+
23.	ECT 821: Foreign Language Learning Theory		+
24.	ECT 823: Foundations of Science Education		+
25.	ECT 824: Approaches and Methods of Teaching Science		+
26.	ECT 825: Nature, Aims and Methods of Teaching Biology		+
27.	ECT 826: New Trends in Biology Education		+
28.	ECT 827: Methods and Trends in Physics		+
29.	ECT 828: Strategies for Course Development, Analysis& Assessment in Physics		+
30.	ECT 829: Design and Methods in Chemistry Education		+
31.	ECT 830: Assessment and Laboratory Management		+
32.	ECT 831: Nature, Aims and Roles of Mathematics Education		+
33.	ECT 832: Methods of Teaching Mathematics		+
34.	ECT 833: Classroom Climate, Resources and the Social Context of Mathematics Learning		+
35.	ECT 834:Application of Mathematics in Daily Life		+
36.	ECT 835:Home Economics Curriculum Development		+
37.	ECT 836: Methods in Home Economics Education		+
38.	ECT 837:Design, Production and Use of Resources in Home Economics		+
39.	ECT 838: Innovation in Home Economics Education		+
40.	ECT 839:Principlels of Business Education		+
41.	ECT 840:Business Curriculum, Methods and Resources		+
42.	ECT 841:Business, Finance and Accounting		+
43.	ECT 842:Managment and Management Science		+
44.	ECT 843:Office Management and Management Information Systems		+
45.	ECT 845:Objectives and Content in Economics Education		+

46.	ECT 846:Methods, Aids and Resources in Economics Education		+
47.	ECT 847:Physical Education in Daily Life: Aims and Curriculum in Schools		+
48.	ECT 848: Methods of Teaching /Learning		+
49.	ECT 849: Resources, Equipment and Aids in Physical Education		+
50.	ECT 850:Innovation in Physical Education Programmes		+
51.	ECT 851:Music in Society		+
52.	ECT 852:Aims and Methods of Teaching Music		+
53.	ECT 853:Collection, Adaptation, Production and Use of Resources in Music Education		+
54.	ECT 854:Innovation in Music Education		+
55.	ECT 855:Foundation of Art and Design Education		+
56.	ECT 856:Art and Design Curriculum and Methods		+
57.	ECT 858:Innovation in Art and Design Education		+
58.	ECT 859: Audio-Visual Instruction: Methods, Media and Technology		+
59.	ECT 860:Distance Teaching		+
60.	ECT 861:Research and Script Writing for Media		+
61.	ECT 862: Human Communication		+

PhD

The PhD shall consist of developing a proposal and the course takes three (3) years. The PhD programme is by thesis only.

1	ECT 900: PhD Thesis		

6.3 Department of Educational Foundations

Bachelor of Education (Arts) and Bachelor of Education (Science)

Programme structure and Duration

The Bachelor of Education (Arts and Science) is a four year programme and shall consist of coursework, Continuous Assessment Tests and examination. In this department the student shall do four units. The first unit of History of Education will be done during the second semester of first year followed by Sociology of Education in second semester of second year. Philosophy of Education shall be done in third year first semester and lastly Comparative Education shall be done in fourth year first semester. *The contact hours is 35 per unit.*

List of Units across semesters

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	EFN 102: History of Education		+
	Level 200 - Unit Code and Title		
2	EFN 204: Sociology of Education		+

	Level 300 - Unit Code and Title		
3	EFN 302: Philosophy of Education	+	
	Level 400 - Unit Code and Title		
4	EFN 402: Comparative Education	+	

Postgraduate Diploma in Contemporary Issues

Programme structure and Duration

The post Graduate Diploma in contemporary issues shall consist of course work, examination and project. The programme shall take a minimum period of two years. In year one the candidate shall be required to take a total of 10 units. In year two, a candidate shall concentrate on 6 unit and project work. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
		Sem 1	Sem 2	Sem 1	Sem 2
	Core Units				
1	EFN 700: Research Project		+	+	+
2	EFN 701 :Introduction to Foundations of Education	+			
3	EFN 702: Inclusive Education for Vulnerable Children	+			
4	EFN 703: Foundations of Higher Education	+			
5	EFN 704 :Gender and Education in Changing Society	+			
6	EFN 705: EFA in Developing and Developed Nations	+			
7	EFN706 : Democracy, Human Rights and Citizenship Education	+			
8	EFN 707: Globalization and Education		+		
9	EFN 708 :Modern Educational Ideas		+		
10	EFN 709: Introduction to Research Methodology		+		
	Electives				
11	EFN 710: Life Skills, Education and Child Friendly School		+		
12	EFN 711: School Safety/ Alternative Modes of Discipline		+		
13	EFN 712: Indigenous and Community Knowledge Systems			+	
14	EFN 713: Community Capacity Development and Mobilization			+	
15	EFN 714: Ethics and Professionalism			+	
16	EFN 715: Life-Long Education			+	
17	EFN 716: Education and Social Class Formation				
18	EFN 717: Substance Abuse, Health and Education			+	
19	EFN 718: Education for School Governance				

Postgraduate Diploma in Social Science Research

Programme Structure and Duration

The Postgraduate Diploma in Social Science Research shall consist of course work, examination and project. The programme shall take a minimum of two years. In year one, the candidate shall be expected to take 10 units. In the second year, a candidate shall concentrate on 6 units together with the project work. *The contact hours is 35 per unit.*

List of units across semesters

SN	Unit Code and Title	Year 1		Year 2	
		Sem1	Sem2	Sem 1	Sem2
	Core Units				
1	EFN 700: Research Project		+	+	+
3	EFN 709: Introduction to Research Methodology		+		
2	EFN 719: Introduction to Social Research Methodologies	+			
5	EFN 722: Data Processing, Analysis and Interpretation	+			
6	EFN 723: Values and Ethical Issues in Social Science	+			
7	EFN724: Participatory Action Research & Community Mobilization		+		
8	EFN 725: Proposal Writing and Fund Raising		+		
9	EFN 726: Interdisciplinary Research		+		
10	EFN 727: Development of Skills in Project Management		+		
	Electives				
11	EFN 728: Participatory Rural Appraisal and Project Evaluation		+		
12	EFN729: Participatory Project Design, Implementation Management		+		
13	EFN 730: Participatory Project Monitoring and Evaluation			+	
14	EFN 731: Role, Value and Use of Research Statistics			+	
15	EFN732: Statistical/Quantitative versus Qualitative/textual Data Analysis			+	
16	EFN 733: Writing and Presentation			+	

Postgraduate Diploma in Health Education

Programme Structure and Duration

The Postgraduate Diploma in Health education shall consist of course work, Continuous Assessment Tests, Examinations and Project. The programme will take a minimum of two years. In the first year the student will do 10 units. In second year, a candidate shall concentrate on 6 units together with the project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2
		Sem1	Sem2	Sem1
1	EFN 700: Research Project	+	+	+
3	EFN 709: Introduction to Research Methodology		+	

2	EFN 735: Theory and Perspective in Health Education	+		
4	EFN 737: Parenthood, Socialization and Health Education	+		
5	EFN 738: The Historical Development of Health Education	+		
6	EFN 739: Foundations of Health Education in Schools	+		
7	EFN 740: Teacher Preparedness in Health Education		+	
8	EFN741: African Perspective of Health and Health Education		+	
9	EFN 742 Monitoring and Evaluation of Health Education		+	
10	EFN 743: Children as Partners in Health Education		+	
	Electives			
11	EFN 744: Substance Abuse, Health and Education		+	
12	EFN 745: Advanced Methods in Health Education Research		+	
13	EFN 746: Women's Health Issues and Education			+
14	EFN 747: Contemporary Issues in Health Education			+
15	EFN 748: Community Mobilization in Health Education			+
16	EFN 749: HIV/AIDS Education			+
17	EFN 750: Health and Illness in Cross- Cultural Perspectives			
18	EFN 751: Social Marketing and Health Communication in Education			

Masters of Education

Programme structure and Duration

The Master of education shall consist of Course work, examination and research work extending over a minimum of two academic years. The candidate shall specialize in one of the areas such as History of Education, Sociology of Education, Philosophy of Education, Comparative Education and International Studies, Higher Education and Health Education. The programme has two options:

I. Coursework and Thesis

II. Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units.

Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units. *The contact hours is 35 per unit.*

List of units across semesters

	Common Units for all Masters Courses			
SN	Unit Code and Title	Sem1	Sem2	
1	ECC 800: Research Methods in Education	+		
2	ECC 802 Educational Statistics		+	
3	EFN 800: Research Project/Thesis	Year 2		
4	EFN 801: Contemporary Themes in Education	+		

History of Education

Programme Structure and Duration

The master of Education (History of Education) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year together with a proposal and project.

SN	Unit Code and Title	Year 1		Year 2	
		Sem 1	Sem 2	Sem 1	Sem 2
	Core Units				
1.	EFN 802: Evolution of Western Education System	+			
2.	EFN803:SelectedThemes in the History of Education Systems	+			
3.	EFN 804: Pre-Colonial Education in Africa		+		
4.	EFN 805: Education in Africa		+		
5.	EFN 806: Education in Kenya in the Colonial Period		+		
6.	EFN807: Contemporary History of Education in Kenya		+		
	Electives				
7.	EFN 808: Education and Pastoralism in Africa			+	
8.	EFN 809: Technical Education in Africa			+	
9.	EFN 810: Politics and Education in Africa			+	
10.	EFN 811: Education for Marginalised and Minority Groups				+
11.	EFN 812: Teacher Education in Africa				+
12.	EFN 813: History of Educational Ideas				+
13.	EFN814:HigherEducationinAfrica,Africanism& Development				+

Sociology of Education and Policy Studies

Programme Structure and Duration

The master of Education (Sociology of Education and Policy Studies) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year together with a proposal and project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
		Sem 1	Sem 2	Sem 1	Sem 2
	Core Units				
1	EFN 815: Social Sciences and Education	+			
2	EFN 816: African Social Structures	+			
3	EFN 817: Motivation and Social Achievement		+		
4	EFN 818: Education and the Socialization Process		+		
5	EFN 819: Society, Development and Education		+		
6	EFN 820: Sociology Education and Social Policy		+		
	Electives				
7	EFN 821: Sociology of Professions			+	
8	EFN 822: Gender and Education			+	
9	EFN 823: Social Work and Education			+	
10	EFN 824: Health and Education				+
11	EFN 825: Education, Democracy and Schooling				+
12	EFN 826: Adult, Continuing and Lifelong Education				+
13	EFN 827: Family life Education and Social Development				+

Philosophy of Education

Programme Structure and Duration

The master of Education (Philosophy of Education) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year to-

gether with a proposal and project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
		Sem1	Sem2	Sem1	Sem2
	Core units				
1	EFN 828: Epistemology and Education	+			
2	EFN 829: Metaphysics and Education	+			
3	EFN 830: Ethics and Education		+		
4	EFN 831: Philosophical Psychology		+		
5	EFN 832: Logic and Education		+		
6	EFN833: Educational and Philosophical Thought in Africa		+		
	Electives				
7	EFN 834: Education and Democracy			+	
8	EFN 835: Knowledge and the Curriculum			+	
9	EFN 836: Philosophy, Gender and Education			+	
10	EFN 837: Philosophy of Teaching and Learning				+
11	EFN 838: Indigenous Knowledge and Education				+
12	EFN 840: Medical Ethics and Education				+
13	EFN 841: Education for Human Liberation				+

Comparative Education and International Studies

Programme Structure and Duration

The master of Education (Comparative Education and International Studies) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year together with a proposal and project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
		Sem1	Sem2	Sem1	Sem2
	Core units				
1	EFN842: Introduction to Comparative Education	+			
2	EFN843: Comparative study of systems of education	+			
3	EFN844: Basic concept in Economic and education		+		

4	EFN845:Education for Resourcefulness for Rural Regions		+		
5	EFN 846: Politics, Citizenship and Education		+		
6	EFN 847: Educations, Law and Policy Analysis		+		
	Electives				
7	EFN848:Education for Leadership: Comparative Perspectives		+		
8	EFN849:Teacher Education in a Comparative Perspective		+		
9	EFN 850: Adult Education and Lifelong Learning			+	
10	EFN 851: Comparative Perspectives of Indigenous Education			+	
11	EFN852:Educational Management for Disadvantaged Groups			+	
12	EFN 853: Education for School Governance				+
13	EFN 854: Education for Conflict Management				+
14	EFN 855: Education Systems and Innovation				+
15	EFN 856: Education, Market and Globalization				+
16	EED 800: Education for Sustainable Development			+	

Health Education

Programme Structure and Duration

The master of Education (Health Education) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year together with a proposal and project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
	Core units	Sem1	Sem2	Sem1	Sem2
1	ECC 800: Research Methods in Education	+			
2	ECC 802: Educational Statistics	+			
3	EFN 800: Research Project/Thesis		+		
4	EFN 801: Contemporary Themes in Education		+		

5	EFN 858: Theories of Health Education	+			
6	EFN859:Health Education Approaches in the Curriculum		+		
	Electives				
7	EFN860:ParticipatoryHealth Education and Community Mobilization in Health Education	+			
8	EFN 861: Health Education Programs		+		
9	EFN 863: Public: Health Education			+	
10	EFN 864: Teacher Development in Health Education			+	
11	EFN865:Principles of Community and Participatory Health Education			+	
12	EFN866:Monitoring and Evaluation of Community Health Education				+
13	EFN867 Health Promotion, Ethnic and Cultural Diversity in Health Education				+
14	EFN 868: HIV/AIDS Education and Sexuality Education				+
15	EFN 869:Principles of Maternal, Child, and Adolescent Health Education				+
16	EFN 870: Social and Behavioural Dimensions of Health			+	
17	EFN 871: Values and Ethical Issues in Social Science Research			+	
18	EFN 872:International Health Care Systems			+	
19	EFN873:HealthEducationActionResearch&Community Advocacy				+

Higher Education

Programme Structure and Duration

The master of Education (Higher Education) shall consist of Course work, Continuous Assessment Tests, Examinations and Thesis/ Project. The programme has two options:

Coursework and Thesis

Coursework and Project.

Students taking option (i) are expected to take 9 units and a thesis, equivalent to 9 units to make a total of 18 units. Those taking options (ii) will take 16 units and a project which is weighed as two units to make a total of 18 units.

The M.Ed. programme shall take a minimum period of two years. In Year one, a candidate shall be required to take a total of 9 units for those doing a thesis and in second year write the proposal and thesis submission. For those taking project they will do 10 units in the first year and 6 units in second year together with a proposal and project. *The contact hours is 35 per unit.*

SN	Unit Code and Title	Year 1		Year 2	
	Core units	Sem1	Sem2	Sem1	Sem2
1	ECC 800: Research Methods in Education	+			

2	ECC 802: Educational Statistics	+			
3	EFN 800: Research Project/Thesis			+	+
4	EFN 801: Contemporary Themes in Education		+		
5	EFN 874 Foundations of Higher Education	+			
6	EFN875:HigherEducation,Africanization& African Development		+		
7	EFN876: Governance Models and the Management of Higher Education Systems	+			
8	EFN 877: Emerging Issues and Trends In Higher Education		+		
9	EFN878:Knowledge Production and Consumption In African Universities			+	
10	EFN 879: Women and Gender Studies In Higher Education			+	
11	EFN 880: Higher Education and Student Welfare			+	
12	EFN881:Emerging and Contemporary Issues in Higher Education				+
13	EFN 882: Trends in Globalization and Higher Education				+
14	EFN 883: Issues in the Public and Private Provision of Higher Education				+
15	EFN 884: Higher Education, Democracy and Citizenship				+
16	EFN 885: Higher Education Planning in Developing Countries			+	
17	EFN 886: Higher Education, Science, Technology and Innovation			+	
18	EFN 887: Higher Education, Research and Knowledge Production			+	
	Electives				

Doctor of Philosophy Programme

Programme structure and duration

The Doctor of Philosophy shall consist of thesis only and will take a minimum of three years. The candidate shall develop a proposal in the first year with the help of supervisors. There shall be a departmental seminar where the candidate shall present the work and feedback shall be provided by the readers. The candidate shall respond to all the issues raised on the topic of study and later do the corrections. The work will be submitted to graduate school for registration and the student will collect the data. After analysis of the data the candidate shall write the thesis and submit it for final examination. Graduate school shall organise for the defence and a verdict will be made on the final document. *The contact hours is 35 per unit.*

	EFN 900: PhD Thesis		

6.4 Department of Educational Management, Policy and Curriculum Studies

Diploma in Educational Leadership and Management

Duration of the Program

To qualify for the award of Diploma in Educational Leadership and Management, a candidate shall have completed TWO (2) academic years. In year one, a candidate shall be required to take total of 12 units. In year two, total of 7 units and concentrate on research work and submit a project.

Mode of Study

Full-Time –Residential (4 Semesters) (contact hours per unit 35)

Mode of Study: Full Time

SN	Unit Code and Title	Year 1		Year 2	
		Semester			
		1	2	1	2
1.	EMP 021 Foundations of Education	+			
2.	EMP 022 Psychology of Learning and Instruction	+			
3.	EMP 023 ICT in Educational Management	+			
4.	EMP 024 Introduction to Educational Research	+			
5.	EMP 025 Theories and Principles of Educational Management	+			
6.	EMP 026 Strategic Leadership and School Improvement	+			
7.	EMP 027 Curriculum and Instructional Leadership		+		
8.	EMP 028 School Financial Management		+		
9.	EMP 029 Management of Resources in Education		+		
10.	EMP 030 Human Resources Management		+		
11.	EMP 031 Education Project Management		+		
12.	EMP 032 Educational Law and Policy		+		
13.	EMP 033 Management of Student Services Activities and Discipline			+	
14.	EMP 034 Administration of Inclusive Schools			+	
15.	EMP 035 National Education Administration			+	
16.	EMP 036 Data Collection and Analysis for School Improvement			+	
17.	EMP 037 Primary School Management and Leadership			+	
18.	EMP 038 School Strategic Planning			+	
19.	EMP 039 Practicum in Educational Management				+
20.	EMP 040 Research Project				+

Bachelor of Education**Full Time**

SN	Level 200	Sem 1	Sem2
1	EMP 201: Curriculum Development	+	
	Level 400		
2	EMP 401: Educational Administration	+	
3	EMP 403: Economics of Education & Planning		+

Institutional Based Programme (IBP)

SN	Level 200	Sem1	Sem2
1	EMP 201: Curriculum Development	+	
	Level 400		
2	EMP 401: Educational Administration	+	
3	EMP 403: Economics of Education & Planning(<i>Prerequisite EMP 401</i>)		+

Open Learning

SN	Level 200	Sem 1	Sem2	Sem3
1	EMP 201: Curriculum Development	+		
	Level 400			
2	EMP 401: Educational Administration		+	
3	EMP 403: Economics of Education & Planning			+

Post Graduate Diploma in Educational Leadership and Management**Programme Structure and Duration**

The ELM programme is designed to take four (4) sessions for IBP or three (3) semesters for regular, full time programme.

A total of 22 units will be taken comprising 20 taught units and a research project equivalent to 2 units.

For regular/full time mode students will be required to take seven (7) taught units in each of the 3 semesters making a total of 22 units including Research Project. In the third semester students finalise and submit their final research project for examination. For the IBP mode the students will take 5 units in each session.

Mode of Study

Full Time – regular

Mode of Study: Full Time

SN		Trimester		
	Unit Code and Title	1	2	3
1.	EMP 700: Introduction to Education Research	+		

2.	EMP 701: Educational Statistics	+		
3.	EMP 702: Organizational Behaviour in Education	+		
4.	EMP 703: Strategic Leadership and School Improvement	+		
5.	EMP 704: Introduction to Dynamics of Change and Reforms in Education	+		
6.	EMP 705: Professional Learning Communities	+		
7.	EMP 706: Instructional Leadership and Supervision	+		
8.	EMP 707: Administration of Inclusive Schools		+	
9.	EMP 708: School Financial Management		+	
10.	EMP 709: Human Resource Management in Education		+	
11.	EMP 710: Management of Resources in Education		+	
12.	EMP 711: Education Project Management		+	
13.	EMP 712: Education Policy and Law		+	
14.	EMP 713: National Education Administration		+	
15.	EMP 714: Teacher Professional Development			+
16.	EMP 715: School Strategic Planning			+
17.	EMP 716: Data Collection, Analysis for School Improvement			+
18.	EMP 717: The Role of the Principal			+
19.	EMP 718: ICT in Educational Management			+
20.	EMP 719: Practicum in Educational Leadership and Management (1 unit)			+
21.	EMP 720: Research Project (2 units)			+

Masters of Education

Programme Structure and Duration

The duration of the masters degree programme shall be as follows:

A full time student shall be registered for a minimum of two (2) years and a maximum of three (3) years.

A part-time student shall be registered for a minimum of three (3) years and a maximum of four (4) years.

No student shall be registered as full-time for more than four years without completing the programme of study or submitting a thesis/project, as may be the case without the permission of Senate.

The Structure of the Programme

The programme shall consist of:

Coursework, Examination and Thesis

Students opting for Coursework, Examination and Thesis shall take five (5) common units, four (4) core units and one (1) elective unit making a total of ten (10) minimum units. [The thesis shall be rated as eight (8) units.]

Coursework, Examination and Project

Students opting for Coursework, Examination and Project shall take five (5) Common units, eight (8) Core units and one (1) Elective unit, making a total of fourteen (14) minimum units. The project shall be rated as four (4) units

Areas of Specialization

This programme is designed to cater for courses in four (4) areas of specialization as follows.

Educational Administration

Educational Planning

Economic of Education

Curriculum Studies.

List of Units across Semesters

School of Education common units

SN		Sem1	Sem2
1.	ECC800: Research Methods in Education	+	
2.	ECC 802 Educational Statistics		+

Mode of Study: (I) Full Time

SN	M.Ed BY THESIS	Year 1		Year 2	
	Unit Code and Title (Core)	Sem1	Sem2	Sem1	Sem2
3.	EMP 801 Educational Management	+			
4.	ECC 800 Research Methods in Education	+			
5.	ECC 802 Educational Statistics		+		
6.	EMP 830 Curriculum Development		+		
7.	EMP 832 Research Thesis			+	
Educational Administration					
1.	EMP 802 Theories of Educational Administration	+			
2.	EMP803: Fundamentals of National Educational Admin	+			
3.	EMP 804 Financing of Education	+			
4.	EMP 805 Human Resources Management in Education		+		
5.	EMP 806 Instructional Supervision		+		
6.	EMP 844 School Administration		+		
Curriculum Development					
1.	EMP 820 Foundations of Curriculum	+			
2.	EMP 821 Curriculum Theory & Change	+			
3.	EMP 822 Curriculum Design	+			
4.	EMP 823 Curriculum Implementation and Evaluations		+		
5.	EMP 824 Curriculum Innovation		+		

6.	EMP 825 School Curriculum		+		
	Educational Planning				
1.	EMP811:ChallengesofEducational Planning in Developing Countries	+			
2.	EMP 812 Methodologies of Educational Planning	+			
3.	EMP 813 Micro and Macro Planning in Education	+			
4.	EMP814:DataCollection,Analysis&Appraisal in Education- al Planning		+		
5.	EMP 815 Planning Education to meet Social Needs		+		
6.	EMP 816 Human Capital and Economics of Education		+		
	Economics of Education				
1.	EMP 816 Human Capital and Economics of Education	+			
2.	EMP 817 Private and Social Demand of Education	+			
3.	EMP 818 Criteria for Investment in Education	+			
4.	EMP 819 Efficiency and Equity in Education		+		
5.	EMP811Challenges of Educational Planning in Develop- ing Countries		+		
6.	EMP 812 Methodologies of Educational Planning		+		

SN	M.Ed BY PROJECT	Year 1		Year 2	
	Unit Code and Title (Core)	Sem1	Sem2	Sem1	Sem2
1.	EMP 801 Educational Management	+			
2.	ECC 800 Research Methods in Education	+			
3.	ECC 802 Educational Statistics		+		
4.	EMP 830 Curriculum Development		+		
5.	EMP 831 Research Project				+
	Educational Administration				
1.	EMP 802 Theories of Educational Administration	+			
2.	EMP 803 Fundamentals of National Educational Ad- ministration	+			
3.	EMP 804 Financing of Education	+			
4.	EMP 805 Human Resources Management in Education		+		
5.	EMP 806 Instructional Supervision		+		
6.	EMP 844 School Administration		+		
7.	EMP 809 Teacher Education Administration			+	
8.	EMP 810 Higher Education Administration			+	
9.	EMP814DataCollection,Analysis&Appraisal in Educa- tion Planning			+	
10.	EMP 825 School Curriculum			+	
	Curriculum Development				
1.	EMP 820 Foundations of Curriculum	+			
2.	EMP 821 Curriculum Theory & Change	+			

3.	EMP 822 Curriculum Design	+			
4.	EMP 823 Curriculum Implementation and Evaluations		+		
5.	EMP 824 Curriculum Innovation		+		
6.	EMP 825 School Curriculum		+		
7.	EMP 844 School Administration			+	
8.	EMP814DataCollection,Analysis&Appraisal in Education Planning			+	
9.	EMP 827 Teacher Education Curriculum			+	
10.	EMP 809 Teacher Education Administration			+	
Educational Planning					
1.	EMP811Challenges of Educational Planning in Developing Countries	+			
2.	EMP 812 Methodologies of Educational Planning	+			
3.	EMP 813 Micro and Macro Planning in Education	+			
4.	EMP814DataCollection, Analysis and Appraisal in Educational Planning		+		
5.	EMP 815 Planning Education to meet Social Needs		+		
6.	EMP 816 Human Capital and Economics of Education		+		
7.	EMP 817 Private and Social Demand of Education			+	
8.	EMP 818 Criteria for Investment in Education			+	
9.	EMP 819 Efficiency and Equity in Education			+	
10.	EMP 844 School Administration			+	
Economics of Education					
1.	EMP 816 Human Capital and Economics of Education	+			
2.	EMP 817 Private and Social Demand of Education	+			
3.	EMP 818 Criteria for Investment in Education	+			
4.	EMP 819 Efficiency and Equity in Education		+		
5.	EMP811ChallengesofEducationalPlanning in Developing Countries		+		
6.	EMP 812 Methodologies of Educational Planning		+		
7.	EMP 813 Micro and Macro Planning in Education			+	
8.	EMP814DataCollection, Analysis and Appraisal in Educational Planning			+	
9.	EMP 844 School Administration			+	
10.	EMP 825 School Curriculum			+	

Mode of Study: (II) Part Time/IBP

SN	M.Ed BY THESIS	YEAR1			YEAR2	
		Trimester			Trimester	
	Code Unit and Title (Common Units)	1	2	3	1	2
1.	EMP 801 Educational Management	+				
2.	ECC 800 Research Methods in Education	+				

3.	ECC 802 Educational Statistics		+			
4.	EMP 830 Curriculum Development		+			
5.	EMP 832 Research Thesis				+	
Education Administration						
1.	EMP 802 Theories of Education Administration	+				
2.	EMP803 Fundamental of National Educational Administration	+				
3.	EMP 804 Educational Finance		+			
4.	EMP 805 Human Resources Management in Education		+			
5.	EMP 806 Instructional Supervision			+		
6.	EMP 844 School Administration			+		
Curriculum Development						
1.	EMP 820 Foundation of Curriculum	+				
2.	EMP 821 Curriculum Theory and Change	+				
3.	EMP 822 Curriculum Design		+			
4.	EMP 823 Curriculum Implementation and Evaluation		+			
5.	EMP 824 Curriculum Innovation			+		
6.	EMP 825 School Curriculum			+		
Educational Planning						
1.	EMP811ChallengesofEducationalPlanningin Developing Countries	+				
2.	EMP 812 Methodologies of Educational Planning	+				
3.	EMP 813 Macro and Micro Planning in Education		+			
4.	EMP814DataCollection,Analysis&AppraisalinEducationalPlanning		+			
5.	EMP 815 Planning Education to meet Social Needs			+		
6.	EMP 816 Human Capital and Economics of Education			+		
Economics of Education						
1.	EMP 816 Human Capital and Economic of Education	+				
2.	EMP 817 Private and Social Demand of Education	+				
3.	EMP 818 Criteria for Investment in Education		+			
4.	EMP 819 Efficiency and Equity in Education		+			
5.	EMP811ChallengesofEducation Planning in Developing Countries			+		
6.	EMP 812 Methodologies of Educational Planning			+		

SN	M.Ed BY PROJECT	YEAR1			YEAR2	
		Trimester			Trimester	
	Code Unit and Title (Common Units)	1	2	3	1	2
1.	EMP 801 Educational Management	+				
2.	ECC 800 Research Methods in Education	+				
3.	ECC 802 Educational Statistics		+			

4.	EMP 830 Curriculum Development		+			
5.	EMP 831 Research Project(<i>Prerequisite Taken 14 units</i>)					+
6.	EMP 832 Research Thesis(<i>Prerequisite Taken 10 units</i>)				+	
Education Administration						
1.	EMP 802 Theories of Education Administration	+				
2.	EMP 803 Fundamental of National Educational Administration	+				
3.	EMP 804 Educational Finance		+			
4.	EMP 805 Human Resources Management in Education		+			
5.	EMP 806 Instructional Supervision			+		
6.	EMP 844 School Administration			+		
7.	EMP814DataCollection,Analysis&Appraisal in Education Planning			+		
8.	EMP 825 School Curriculum			+		
9.	EMP 810 Higher Education Administration				+	
10.	EMP 809 Teacher Education Administration				+	
Curriculum Development						
1.	EMP 820 Foundation of Curriculum	+				
2.	EMP 821 Curriculum Theory and Change	+				
3.	EMP 822 Curriculum Design		+			
4.	EMP 823 Curriculum Implementation and Evaluation		+			
5.	EMP 824 Curriculum Innovation			+		
6.	EMP 825 School Curriculum			+		
7.	EMP 812 Methodologies of Educational Planning			+		
8.	EMP 844 School Administration			+		
9.	EMP 827 Teacher Education Curriculum				+	
10.	EMP 809 Teacher Education Administration				+	
Educational Planning						
1.	EMP811ChallengesofEducationalPlanningin Developing Countries	+				
2.	EMP 812 Methodologies of Educational Planning	+				
3.	EMP 813 Macro and Micro Planning in Education		+			
4.	EMP814DataCollection,Analysis&AppraisalinEducationalPlanning		+			
5.	EMP 815 Planning Education to meet Social Needs			+		
6.	EMP 816 Human Capital and Economics of Education			+		
7.	EMP 817 Private and Social Demand of Education			+		
8.	EMP 818 Criteria for Investment in Education			+		
9.	EMP 844 School Administration				+	
10.	EMP 819 Efficiency and Equity in Education				+	
Economics of Education						
1.	EMP 816 Human Capital and Economic of Education	+				

2.	EMP 817 Private and Social Demand of Education	+				
3.	EMP 818 Criteria for Investment in Education		+			
4.	EMP 819 Efficiency and Equity in Education		+			
5.	EMP811ChallengesofEducation Planning in Developing Countries			+		
6.	EMP 812 Methodologies of Educational Planning			+		
7.	EMP 813 Macro and Micro Planning in Education			+		
8.	EMP81DataCollection,Analysis&Appraisalin Educational Planning			+		
9.	EMP 815 Planning Education to Meet Societal Needs				+	
10.	EMP 844 School Administration				+	

Instruction

Thesis students shall take a minimum of ten (10) units within the first academic year

Projects students shall take a minimum of fourteen (14) units within the first and Second academic years

M.Ed Educational Research, Evaluation and Assessment

Duration and Pattern of the Course

The Master of Education Research, Evaluation and Assessment in the Department shall extend over at least 18 months.

Students will spend their first year doing TEN units.

In their second year, students will concentrate on their research work and submit a thesis.

Modes of study and examination

Full Time – regular (4 semesters)

Institutional Based Programme (6 sessions)

Open-Learning (4 semesters)

NB: This programme is offered through coursework, examination and thesis ONLY

Mode of Study: (I) Full Time

SN	M.ED E.R.E.A	Year 1	
	Code Unit and Title	Sem 1	Sem 2
1.	EMP 833Themes in Foundations of Education	+	
2.	EMP 834 Psychology of Learning and institution	+	
3.	EMP 835 Curriculum and Instruction	+	
4.	ECC 800(EMP 836 Quantitative Research Methods in Education)	+	
5.	ECC 802 Educational Statistics	+	
6.	EMP 838(EMP 801 Educational Management)		+
7.	ECC 801(EMP 839) Qualitative Research Methods in Education		+

8.	EMP 840 Monitoring and Evaluation Approaches in Education: I		+
9.	EMP 841 Monitoring and Evaluation Approaches in Education: II		+
10.	EMP 842 Educational Assessment		+
11.	EMP 843 Research Thesis (8 units)	Year 2	

NB: The same units are done by the Institutional Based Programme (IBP), but spread in 3 sessions as guided by the Department

Mode of Study: (I) IBP

SN	Unit Code and Title	Year 1		
		S1	S2	S3
1.	EMP 833 Themes in Foundations of Education	+		
2.	EMP 834 Psychology of Learning and institution	+		
3.	EMP 835 Curriculum and Instruction	+		
4.	ECC 800(EMP 836) Quantitative Research Methods in Education	+		
5.	ECC 802 Educational Statistics		+	
6.	EMP 838(EMP 801) Educational Management		+	
7.	ECC 801(EMP 839) Qualitative Research Methods in Education		+	
8.	EMP 840 Monitoring and Evaluation Approaches in Education: I		+	
9.	EMP 841 Monitoring and Evaluation Approaches in Education: II			+
10.	EMP 842 Educational Assessment			+
11.	EMP 843 Research Thesis (8 units)	Year 2		

Doctor of Philosophy (Phd) Programme

Duration of the Programme

The duration of the PhD. degree programme shall be as follows:

A full time student shall be registered for a minimum of three (3) years and a maximum of four (4) years.

A part-time student shall be registered for a minimum of four (4) years and a maximum of six (6) years.

Continuance of registration will depend on evidence of satisfactory student progress.

To qualify for Doctor of philosophy a student must have taken and passed ten (10) units (4 common, 4 cores, 2 electives plus a pass in his/her PhD thesis.) (see. 13.0)

Structure of the Programme

The Programme shall consist of Course work, Examination and Thesis.

Courses are structured in units in which a unit is defined as 35 hours per semester in which lectures will be given in block of 3 hours per week.

All coursework shall be done within one year for full-time students and Two years for part-time students.

Areas of Specialization

This Programme is designed to cater for courses in four areas of specialisation as follows:

Doctor of Philosophy (Educational Management).

Doctor of Philosophy (Curriculum Studies).

Doctor of Philosophy (Economics of Education and Educational Planning)

Mode of Study: Evening/Weekend

SN	Common Units	Year 1			Year 2		
		Trimester			Trimester		
	Unit Code and Title	1	2	3	1	2	3
1.	EMP 901 Advanced Research Methodology	+					
2.	EMP 923 Advanced Educational Statistics	+					
3.	EMP 904 Computer Technology in Education		+				
4.	EMP 925 Doctoral Research Seminar(<i>Prerequisites EMP 901 & EMP 923</i>)		+				
5.	EMP 926 Oral /Comprehensive Examination(<i>Prerequisites Through with course work and passed</i>)				+		
6.	EMP 927 PHD Thesis (<i>Prerequisites Completion of course work</i>)					+	
Educational Management							
1.	EMP 902 Educational Management Policy Perspectives	+					
2.	EMP 905 Leadership: From theory to Reflective Practice		+				
3.	EMP 903 Legal Framework of Education in Kenya			+			
4.	EMP 906 Managing Human Resources			+			
5.	EMP 917 Monitoring and Evaluation			+			
6.	EMP 908 Managing Financial Resources			+			
Curriculum Studies							
1.	EMP 909 Contemporary Curriculum	+					
2.	EMP 911 Principles of Teaching and Learning		+				
3.	EMP 912 Curriculum Leadership			+			
4.	EMP 913 Test and Measurement			+			
5.	EMP 916 Advanced Curriculum Design			+			
6.	EMP 917 Monitoring and Evaluation			+			
Economics of Education and Educational Planning							
1.	EMP 918 Strategic Planning in Education	+					
2.	EMP 919 Cost Benefit Analysis in Education		+				
3.	EMP 920 Policy Formulation and Analysis			+			
4.	EMP 921 Contemporary Issues in Educational Planning and Economics of Education			+			

5.	EMP 917 Monitoring and Evaluation			+			
6.	EMP 924 Analysis of Labour Market			+			

Mode of Study: Institutional Based Programme (IBP)

SN	Unit Code and Title (Common Units)	S1	S2	S3	S4	S5	S6
1.	EMP 901 Advanced Research Methodology	+					
2.	EMP 923 Advanced Educational Statistics	+					
3.	EMP 904 Computer Technology in Education		+				
4.	EMP 925 Doctoral Research Seminar			+			
5.	EMP 926 Oral /Comprehensive Examination						+
6.	EMP 927 PhD Thesis						+
Educational Management							
1.	EMP 902 Educational Management Policy Perspectives		+				
2.	EMP 903 Legal Framework of Education in Kenya			+			
3.	EMP 905 Leadership: From Theory to Reflective Practice				+		
4.	EMP 906 Managing Human Resources				+		
5.	EMP 908 Managing Financial Resources					+	
6.	EMP 917 Monitoring and Evaluation					+	
Curriculum Studies							
1.	EMP 909 Contemporary Curriculum Theories		+				
2.	EMP 911 Principles of Teaching and Learning			+			
3.	EMP 912 Curriculum Leadership				+		
4.	EMP 913 Tests and Measurement				+		
5.	EMP 916 Advanced Curriculum Design					+	
6.	EMP 917 Monitoring and Evaluation					+	
Economics of Education and Educational Planning							
1.	EMP 918 Strategic Planning in Education		+				
2.	EMP 919 Cost Benefit Analysis in Education			+			
3.	EMP 920 Policy Formulation and Analysis				+		
4.	EMP921Contemporary Issues in Educational Planning and Economics of Education				+		
5.	EMP 924 Analysis of Labour Market					+	
6.	EMP 917 Monitoring and Evaluation					+	

6.5 Department of Educational Psychology

Diploma in Clinical Child Neuropsychology

Diploma in Clinical Child Psychology shall consist of course work and examination on a full time basis.

Diploma In Child and Clinical Neuropsychology		Year 1		Year 2
SN	Unit Code and Unit Title	Sem 1	Sem 2	Sem 1
1.	EPS 042: Introduction To Developmental Neuropsychology	+		

2.	EPS 043: Anatomical Organization of The Central Nervous System	+		
3.	EPS044: Gross Structure And Function of The Central Nervous System	+		
4.	EPS045: Etiology, Function And Significance of The Central Nervous system	+		
5.	EPS 046: Issues In Developmental Neuropsychology	+		
6.	EPS 047: Classification of Neuropsychological Disorders	+		
7.	EPS 048: Disorders of Development And Their Consequences		+	
8.	EPS 049: Neurobehavioral And Diagnostic Issues		+	
9.	EPS 050: Disturbances of Function		+	
10.	EPS 051: Introduction To Research Methods		+	
11.	EPS 052: Theory And Practice In Neuropsychological Assessment		+	
12.	EPS 053: Introduction To Pediatric Neuropsychology		+	
13.	EPS 054: Assessment of Learning Difficulties	+		
14.	EPS 055: The Assessment Process	+		
15.	EPS 056: The Nepsy Test	+		
16.	EPS 057: Learning Disorders, Remediation And Education	+		
17.	EPS 058: Practicum (One Unit)	+		

Bachelor of Education Programme

The Bachelor of Education programme shall consist of coursework and examinations. It is expected to last a minimum of four academic years for those students who have not benefitted from credit waivers.

S N	Bachelor of Education	Sem 1	Sem 2	Trimester	Prerequisites
	Level 100				
1.	EPS 100: Introduction To Psychology	+		+	
	Level 200				
1.	EPS 200: Human Growth And Development	+		+	EPS 100
2.	EPS 201: Psychology Of Learning		+	+	EPS 100 EPS 200
	Level 400				
1.	EPS 400: Educational Statistics And Evaluation	+		+	EPS 100 EPS 200 EPS 201

M.Ed. Guidance & Counseling Regular Mode

The Master in Education (Guidance and Counseling) shall consist of coursework, examination and proj-

ect/thesis. This is a full-time programme covering a minimum requirement of 18 units taken over a period of two (2) academic years.

SN	Masters of Education (Guidance and Counseling)	Year 1		Year 2	
		S1	S2	S1	S2
1.	APS 805: Theories of Counseling	+			
2.	APS 808: Marital and Family Therapy		+		
3.	APS 813: Addiction Counseling and Psychotherapy	+			
4.	APS 814: Loss and Grief Counseling		+		
5.	ECC 800: Research Methods in Education	+			
6.	ECC 802: Education Statistics		+		
7.	EPS 813: Thesis (Equivalent to 8 Units)				+
8.	EPS 821: Research Methods In Counseling	+			
9.	EPS 822: Research Statistics and Data Processing		+		
10.	EPS 823: Project (Equivalent to 4 units)				+
11.	EPS 824: Practicum Report (2 Units)				+
12.	EPS 825: Guidance Practice In Schools				+
13.	EPS 827: Personality Psychology	+			
14.	EPS 828: Introduction to Counseling Practicum	+			
15.	EPS 829: Couples And Family Therapy	+			
16.	EPS 830: Theories Of Career Development		+		
17.	EPS 831: Issues Inn Abnormal Psychology			+	
18.	EPS 832: Family Psychology		+		
19.	EPS 833: Issues In Health Psychology			+	
20.	EPS 834: Behavior Modification And Lifestyle Rehabilitation				+
21.	EPS 835: Psychology Of Creative Behaviour		+		
22.	EPS 836: Bereavement And Widowhood				+
23.	EPS 837: Organizational/Social Psychology (P)				+
24.	EPS 838: Student Personnel Services			+	
25.	EPS 839: Human Sexuality				+
26.	EPS 840: Psychometrics			+	
27.	EPS 841: Project Guidance				+
28.	EPS 842: Research Seminar				+
29.	EPS 843: Counselling Supervision				+
30.	EPS826: Theories of Counselling and Psychotherapy	+			

Master of Education (Guidance & Counselling) IBP Mode

The Master in Education (Guidance and Counselling) shall consist of coursework, examination and project/thesis. The M.Ed. in Guidance and Counselling through IBP mode, students are required to cover a minimum of 18 units taken over a period of two (2) academic years.

Y1S1 (April, Aug)					Prerequisites
ECC 800	Research Methods in Education	+			
EPS 826/APS 805	Theories of Counselling	+			
EPS 827	Personality Psychology	+			
Y1S2 (Aug, Dec)					
ECC 802	Educational Statistics		+		ECC 800, EPS 826, APS 805
EPS828	Introduction to Counselling Practicum		+		
EPS 831	Abnormal Psychology		+		
Y1S3 (Dec, April)					
APS 808	Marital and Family Therapy			+	ECC 802
EPS 825	Guidance Practice in Schools			+	EPS 828
EPS 839	Human Sexuality			+	EPS 831
Y2S1 (April)					
APS 813	Addiction Counselling and Psychotherapy	+			APS 808, EPS 825, EPS 839
EPS 830	Theories of Career Development	+			
EPS 837	Organizational/Industrial Psychology	+			
Y2S2 (April, Aug)					
APS 814	Loss and Grief Counselling		+		APS 813, EPS 830, EPS 837
EPS 843	Counselling Ethics & Supervision		+		
Y2S3 (Aug, Dec)					
EPS 823	Project (Equivalent to 4 Units)			+	APS 814, EPS 843
EPS 813	Thesis (Equivalent to 8 Units)			+	

Master of Education (Educational Psychology) Regular Mode

The Master in Education (Educational Psychology) shall consist of coursework, examination and project/thesis. The M.Ed. in Educational Psychology is a full-time programme covering a minimum requirement of 18 units taken over a period of two (2) academic years.

SN	Level 800 (Regular)	Sem 1	Sem 2	Prerequisites
	Masters of Education (Educational Psychology)			
1.	ECC 800: Research Methods	+		
2.	EPS 800: Child Development	+		
3.	EPS 801: Human Learning and Classroom Processes	+		

4.	EPS 803: Psychological Testing		+	EPS 800, EPS 801, EPS 802, ECC 800, EPS 805
5.	EPS 804: Guidance And Counselling In Education		+	
6.	EPS 805: Design and Analysis-1	+		
7.	EPS 806: Computer Applications In Behavioral Statistics		+	EPS 800, EPS 801, EPS 802, ECC 800, EPS 805
8.	EPS 807: Group Dynamics		+	
9.	EPS 808: Adolescent Psychology		+	
10.	EPS 809: Personality Dynamics and Behavioural Adjustment		+	
11.	EPS 810: Cognitive Processes		+	
12.	EPS 811: Theories of Child Development		+	
13.	EPS 812: Design and Analysis II		+	
14.	EPS 813: Thesis (Equivalent to 8 Units)		+	
15.	EPS 823: Project (Equivalent to 4 units)		+	
16.	ESP 802: Educational Measurement	+		

Master of Education (Educational Psychology) IBP Mode

The Master in Education (Educational Psychology) shall consist of coursework, examination and project/thesis. The M.Ed. in Educational Psychology through IBP mode, students are required to cover a minimum requirement of 18 units taken over a period of two (2) academic years.

Y1S1 (April, Aug)		S1	S2	S3	Prerequisites
EPS 800	Child Development	+			
EPS 801	Human Learning and Classroom Practices	+			
EPS 802	Educational Measurement	+			
Y1S2 (Aug, Dec)					
EPS 805	Design and Analysis I		+		EPS 800, EPS 801, EPS 802
EPS 807	Group Dynamics		+		
ECC 800	Research Methods in Education		+		
Y1S3 (Dec, April)					
EPS 803	Psychological Testing			+	EPS 805, EPS 807, ECC 800
EPS 808	Adolescent Development			+	
EPS 811	Theories of Child Development			+	
Y2S1 (April)					

EPS 806	Computer Applications in Behavioural Applications	+			EPS 803,
EPS 809	Personality Dynamics	+			EPS 808,
EPS 812	Design and Analysis II	+			EPS 811
Y2S2 (April, Aug)					
EPS 804	Guidance and Counselling in Education		+		EPS 806,
EPS 810	Cognitive Processes		+		EPS 809, EPS 809
Y2S 3(Aug, Dec)					
EPS 823	Project (Not Taught But for Registration Purposes)			+	EPS 804, EPS 810

Doctor of Philosophy in Educational Psychology

The PhD consists of one year course work and writing of thesis. The course will take a minimum of three (3) years.

SN	Level 900	Year 1			Prerequisites
		Sem 1	Sem 2	Sem 3	
1.	EPS 900: Statistics And Computer Applications	+			
2.	EPS 901: Educational Psychology	+			
3.	EPS 902: Research Methods	+			
4.	EPS 903: Developmental Psychology	+			
5.	EPS 905: Tests and Measurement		+		
6.	EPS 906: Psychological Testing		+		EPS 900, EPS 901, EPS 903, EPS 905
7.	EPS 907: Human Learning		+		
8.	EPS 909: Theories of Guidance and Counseling		+		
9.	EPS 910: Current Issues in Developmental Psychology		+		
10.	EPS 911: Multivariate Analysis		+		
11.	EPS 908: Mental Health and Learning			+	EPS 906, EPS 907, EPS 909, EPS 910, EPS 911
12.	EPS 912: Current Issues in Guidance and Counselling			+	
13.	EPS 913: Cognitive Psychology			+	
14.	EPS 914: Theories of Learning			+	
15.	EPS 915: Social Psychology of Education			+	
16.	EPS 917: Thesis			+	

6.6 Department of Library and Information Science

Diploma in Information Science (DIS)

Programme Structure and Duration

Diploma in Information Science (DIS) shall consist of coursework, examination, internship and project. All courses are taught in units to be completed in eighteen (18) months. A unit is defined as equivalent to 35 one-lecture hour. Internship shall take at least twelve (12 weeks). Students shall be expected to complete a total of 21 credits to graduate.

List of units across semesters

SN	Unit code and title	Sem 1	Sem 2	Sem 3
1.	ISC 022:Cataloguing I	+		
2.	ISC 023:Classification I	+		
3.	ISC 025:Marketing and public relations		+	
4.	ISC 026:Information technology applications		+	
5.	ISC 027:Reference Information Resources and services		+	
6.	ISC 028:Cataloguing II(<i>Prerequisite ISC 022</i>)		+	
7.	ISC 029:Classification II(<i>Prerequisite ISC 023</i>)		+	
8.	ISC020:Information, Communication and Development	+		
9.	ISC021:Management of Information Resources and Services	+		
10.	ISC024:Informationcommunication Technology basics	+		
Year 2				
SN	Unit code and title	Sem1	Sem 2	Sem3
1.	ISC 030:Publishing and Book Trade	+		
2.	ISC 032:Research Methods	+		
3.	ISC 033:Internet and Multimedia Resources	+		
4.	ISC 034:Automation of information centers	+		
5.	ISC035:Records Management and Archives Administration		+	
6.	ISC 036:Electronic Resources management		+	
7.	ISC 037:Research project		+	+
8.	ISC 038: Internship			+
9.	ISC031:Cataloguing and Classification Practices	+		

Diploma in Records Management and Information Technology (DRIT)

Programme Structure and Duration

Diploma in Records Management & Information Technology (DRIT) shall consist of coursework, examination, internship and project. All courses are taught in units to be completed in eighteen (18) months. A unit is defined as equivalent to 35 one-lecture hour. Internship shall take at least twelve (12 weeks). Students shall be expected to complete a total of 21 credits to graduate.

List of units across semesters

SN	Unit Code and Title	Sem1	Sem2	Sem 3
	Year 1			
1.	ISC 040:Records and Registry Management	+		
2.	ISC 041:Computer Hardware and Software	+		
3.	ISC 042:Communication Skills and Report Writing	+		
4.	ISC 043:Basic Computer application and Networks	+		
5.	ISC 044:Principles and Practice of Management	+		
6.	ISC 045:Marketing and Public Relations		+	
7.	ISC 046:Computer Applications in Records Management		+	
8.	ISC 047:Record Centre Management		+	
9.	ISC 048:Records Storage and Retrieval Systems		+	
10.	ISC 049:Management of Electronic Records		+	

SN	Unit Code and Title	Sem1	Sem2	Sem 3
	Year 2			
1.	ISC 050:Research Methods	+		
2.	ISC 051:Appraisal and Disposition	+		
3.	ISC 052:Organization of Archival Records	+		
4.	ISC 054:Digitization and Document Management System	+		
5.	ISC 055:Preservation of Records		+	
6.	ISC 056:Automation of Records Service		+	
7.	ISC 057:Research Project		+	+
8.	ISC 058: Internship			+
9.	ISC053:Disaster Preparedness and Management	+		

Bachelor of Library and Information Science

Programme Structure and Duration

The Bachelor of Library and Information Science shall consist of coursework, examination, internship and project. All courses are taught in units. A unit is defined as equivalent to 35 one-lecture hour. Level 100 students shall be expected to take three (3) university common units and 10 departmental units. Students shall take a total of 13 level 200 units, 13 level 300 units including internship before taking level 400 units. Internship shall take at least twelve (12 weeks). Level 400 students shall take 13 units. Students shall be expected to complete a total of 52 credits to graduate.

List of units across semesters

	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	BBA 301: Human Resource Management		+	
2	BBA310: Entrepreneurship & Small Business Management		+	
3	ISC 100: Information, Communities and Development	+		+
4	ISC 101: Information Technology 1	+		+
5	ISC 102: Cataloguing I	+		+

6	ISC 103: Classification I	+		+
7	ISC 104: Cataloguing and Indexing(<i>Prerequisite ISC 102</i>)		+	
8	ISC 105: Classification II(<i>Prerequisite ISC 103</i>)		+	
9	ISC 106: Publishing and Book Trade	+		+
10	ISC 107: Quality Assurance in Information Services		+	
11	ISC108: International and Contemporary Issues in Inf.Services		+	
12	ISC 200: Sources of Bibliographic Information		+	
13	ISC 201: Software Development and Application	+		+
14	ISC 202: Design & Care of Lib. & Inf. Centre Building	+		+
15	ISC 203: Dissemination of Information	+		+
16	ISC 204: Subject Indexing & Information Retrieval	+		+
17	ISC 205: Records and Registry Organization	+		+
18	ISC 206: Electronic Information Sources & Services	+		+
19	ISC 207 Management of Information Systems	+		+
20	ISC 208: Fundamentals of Networking in Inf. Centers		+	
21	ISC 210: Marketing & Public Relations		+	
22	ISC 211: Information Ethics & Legal Issues		+	
23	ISC 212: Project Proposal and report Writing		+	
24	ISC 300: Research Methods	+		+
25	ISC 301: Electronic Records Management	+		+
26	ISC 302: Information Systems Development	+		+
27	ISC 303: Electronic Publishing	+		+
28	ISC 304: Information Services for Users with Special Needs	+		+
29	ISC 305: Database Management Systems	+		+
30	ISC 306: Research Project		+	+
31	ISC 307: Workplace Preparedness	+	+	
32	ISC 308: Archives Administration		+	
33	ISC 309: Business Information Services & Records	+		
34	ISC 310: Internship			+
35	ISC 400: Consultancy in Information Work		+	
36	ISC 401: Collection Development		+	
37	ISC 402: Practical Cataloguing		+	
38	ISC 403: Practical Classification	+		+
39	ISC 404: Digital Libraries	+		+
40	ISC 405: Global Information Communication	+		+
41	ISC 406: Monitoring & Evaluation of Inf. Services	+		+
42	ISC 407: Reference and Information Services	+		+
43	ISC 408: Information Sources and Systems	+		+
44	SIT 209: Web Design Basics		+	
45	SIT 210: Multimedia Resources		+	
46	UCU 100: Communication skills	+		+

47	UCU 103: Introduction to Critical & Creative Thinking	+		+
48	UCU 104: Introduction to Entrepreneurship		+	
49	ISC 419: Statistics	+		+
	Electives (Any Two)			
50	ISC 409: Information Behaviour and Development		+	
51	ISC 410: Health Data and Welfare Information Services		+	
52	ISC 411: Sectoral Information Services		+	

Bachelor of Science (Records Management and Information Technology)

Programme Structure and Duration

Bachelor of Science (Records Management and Information Technology (BRT) shall consist of course-work, examination, internship and project. All courses are taught in units. A unit is defined as equivalent to 35 one-lecture hour. Level 110 students shall be expected to take three (3) university common units and 10 departmental units. Students shall take a total of 13 level 200 units, 13 level 300 units including internship before taking level 400 units. Internship shall take at least twelve (12 weeks). Level 400 students shall take 13 units. Students shall be expected to complete a total of 52 credits to graduate.

List of units across semesters

	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	BBA 301: Human Resource Management		+	
2	BBA310: Entrepreneurship & Small Business Management		+	
3	ISC 100: Information, Communities and Development	+		+
4	ISC 101: Information Technology 1	+		+
5	ISC 102: Cataloguing I	+		+
6	ISC 103: Classification I	+		+
7	ISC 104: Cataloguing and Indexing(<i>Prerequisite ISC 102</i>)		+	
8	ISC 105: Classification II(<i>Prerequisite ISC 103</i>)		+	
9	ISC 106: Publishing and Book Trade	+		+
10	ISC 107: Quality Assurance in Information Services		+	
11	ISC108: International and Contemporary Issues in Inf.Services		+	
12	ISC 200: Sources of Bibliographic Information		+	
13	ISC 201: Software Development and Application	+		+
14	ISC 202: Design & Care of Lib. & Inf. Centre Building	+		+
15	ISC 203: Dissemination of Information	+		+
16	ISC 204: Subject Indexing & Information Retrieval	+		+
17	ISC 205: Records and Registry Organization	+		+
18	ISC 206: Electronic Information Sources & Services	+		+
19	ISC 207 Management of Information Systems	+		+
20	ISC 208: Fundamentals of Networking in Inf. Centers		+	
21	ISC 210: Marketing & Public Relations		+	

22	ISC 211: Information Ethics & Legal Issues		+	
23	ISC 212: Project Proposal and report Writing		+	
24	ISC 300: Research Methods	+		+
25	ISC 301: Electronic Records Management	+		+
26	ISC 302: Information Systems Development	+		+
27	ISC 303: Electronic Publishing	+		+
28	ISC 304: Information Services for Users with special Needs	+		+
29	ISC 305: Database Management Systems	+		+
30	ISC 306: Research Project		+	+
31	ISC 307: Workplace Preparedness	+	+	
32	ISC 308: Archives Administration		+	
33	ISC 309: Business Information Services & Records	+		
34	ISC 310: Internship			+
35	ISC 419: Statistics	+		+
35	ISC 420: Arrangement and Description of Archives	+		+
36	ISC 421: Building records appraisal Systems	+		+
37	ISC 422: Knowledge Management	+		+
38	ISC 423: Preservation and Conservation	+		+
39	ISC 424: Digitization of Records	+		+
40	ISC 425: Financial Records	+		+
41	ISC 426: Intercultural Communication		+	
42	ISC 427: Records and office management		+	
43	ISC428:Management of Museum &ArchaeologicalInformation		+	
44	SIT 209: Web Design Basics		+	
45	SIT 210: Multimedia Resources		+	
46	UCU 100: Communication skills	+		+
47	UCU 103: Introduction to Critical & Creative Thinking	+		+
48	UCU 104: Introduction to Entrepreneurship		+	
Electives (Any TWO)				
49	ISC 400: Consultancy in Information Work		+	
50	ISC 410: Health Data and Welfare in Information Services		+	
51	ISC 411: Sectoral Information Services		+	
52	ISC 429: Strategic Planning for Records and Archives Services		+	

Bachelor of Education (Library and Information Science)

Programme Structure and Duration

The Bachelor of Education (Library and Information Science option) shall consist of coursework, examination, and teaching practice. All courses are taught in units. A unit is defined as equivalent to 35 one-lecture hour. Students shall take the three (3) university common units, sixteen (16) education units, sixteen (16) units in their major teaching subject, eight (8) units in the minor teaching subject, eleven (11) library science units, and teaching practice. Students shall be expected to complete a total of 56 credits

to graduate.

List of units across semesters

SN	Bachelor of Education (Library Science Option)	Sem 1	Sem 2	Sem 3
1.	ISC 102: Cataloguing 1	+		+
2.	ISC 103: Classification I	+		+
3.	ISC 104: Cataloguing & Indexing(<i>Prerequisite ISC 102</i>)		+	
4.	ISC 105: Classification II(<i>Prerequisite ISC 103</i>)		+	
5.	ISC 106: Publishing & Book Trade	+		+
6.	ISC 200: Sources of Bibliographic Information		+	
7.	ISC 206: Electronic Information Sources and Services	+		+
8.	ISC 401: Collection Development	+		+
9.	ISC 402: Practical Cataloguing(<i>Prerequisite ISC 104</i>)	+		+
10.	ISC 403: Practical Classification(<i>Prerequisite ISC 105</i>)			+
11.	ISC 404: Digital Libraries	+		

Post Graduate Diploma in Justice Information Systems

Program Structure and Duration

The Post Graduate Diploma in Justice Information Systems (PGD JIS) shall consist of coursework, examination and research project. The degree will be completed within a period of not less than eighteen months within which students complete a total of 18 credits.

Year 1			
SN	Unit Code and Title	Sem 1	Sem 2
1.	ISC 700: Justice Information Organization	+	
2.	ISC 701: Introduction to Law	+	
3.	ISC 702: Legal Information Services	+	
4.	ISC 703: Judicial Systems and Structures	+	
5.	ISC 704: Multimedia Resources		+
6.	ISC 705: Law Data Capture, Analysis and Reporting		+
7.	ISC 706: : Computer applications for Legal Information Management		+
8.	ISC 707: Fundamentals of Legal Records and Information Management		+
9.	ISC 708: Legal Information Users		+
Year 2			
1.	ISC 709: Constitution and Governance	+	
2.	ISC 710: : Law Enforcement and Correctional Institutions	+	
3.	ISC 711: Development of Legal Information Systems	+	
4.	ISC 712: Financial Management	+	
5.	ISC 713: Research Methods	+	
6.	ISC 714: Monitoring and Evaluation		+

7.	ISC 715: Criminology		+
8.	ISC 716: Performance Management		+
9.	ISC 720: Research Project (2 Units)		+

Masters of Library and Information Science

Programme Structure and Duration

Masters of Library and Information Science shall consist of coursework, examination and thesis/project. The degree will be completed within a period of not less than eighteen months within which students complete a total of 18 credits. Students opting to do a project will take 10 units in the first year of study and 4 units in the second year and the research project (4 units). Students opting to do thesis will take 10 units in the first year of study and the thesis (8 units) in the second year. Each unit shall consist of the equivalent of 35 lecture hours and shall be examined at the end of the semester in which it is taken.

List of units across semesters

SN	Unit Code and Title	Sem1	Sem2	Sem3
1	ECC 800: Research Methods	+		+
2	ECC 802: Statistics in Education		+	
3	ISC 809: ICT Application in Information Centers	+		+
4	ISC 800: Information Organization 1	+		
5	ISC 801: Information Organization 11 (<i>Prerequisite ISC 800</i>)		+	
6	ISC 802: Information Literacy	+		
7	ISC 803: Information Software and Systems	+		+
8	ISC 807: Monitoring and Evaluation of Inf. services	+		+
9	ISC 812: Records & Archives Management		+	
10	ISC 820: Organization and Control of Records		+	
11	ISC 821: Archives Management Principles and Practices		+	
12	ISC822: Preservation and Conservation of Information Resources		+	
13	ISC 823: Multimedia Resources	+		+
	Year 2			
1	ISC 810: Project / Thesis	+		
2	ISC 824: Electronic and Other Multimedia Resources	+		+
	Electives (Any Two)			
3	ISC 811: Consultancy In Inf. Services	+		+
4	ISC 812: Records and Archives Management	+		+
5	ISC 813: Marketing and Public Relations	+		+
6	ISC 814: Information Society	+		+
7	ISC 824: Electronic and Other Multimedia Resources	+		+

Master of Science in Records Management and Archives Administration

Programme Structure and Duration

Master of Science in Records Management and Archives Administration shall consist of coursework, examination and thesis/project. The degree will be completed within a period of not less than eighteen months within which students complete a total of 18 credits. Students opting to do a project will take 10 units in the first year of study and 4 units in the second year and the research project (4 units). Students opting to do thesis will take 10 units in the first year of study and the thesis (8 units) in the second year. Each unit shall consist of the equivalent of 35 lecture hours and shall be examined at the end of the semester in which it is taken.

List of units across semesters

SN	Unit Code And Title	Sem 1	Sem 2	Sem 3
Year 1				
1	ECC 800: Research Methods	+		+
2	ECC 802: Statistics in Education		+	
3	BBA 823: Strategic Management	+		+
4	ISC 803: Information Software and Systems	+		+
5	ISC 807: Monitoring and Evaluation of Inf. services	+		+
6	ISC 809: ICT Application in Information Centers	+		+
7	ISC 812: Records & Archives Management		+	
8	ISC 820: Organization and Control of Records		+	
9	ISC 821: Archives Management Principles and Practices		+	
10	ISC822: Preservation and Conservation of Information Resources		+	
Year 2				
11	ISC 810: Project / Thesis	+		+
12	ISC 823: Multimedia Resources	+		+
13	ISC 824: Electronic and Other Multimedia Resources	+		+
Electives (Any Three)				
14	ISC 811: Consultancy in Inf. Services	+		+
15	ISC 813: Marketing and Archives and Public Relations	+		+
16	ISC 823: Management of museums and Archeological Information	+		+
17	ISC 825: Entrepreneurship in Information Services	+		+
18	ISC 826: Management of health Information Records	+		+
19	ISC 827: Internet and Web Design	+		+

Masters of Science in Knowledge Management

Programme structure and duration

Master's degree of Sciences in Knowledge shall consist of coursework, examination and thesis/project. The degree will be completed within a period of not less than eighteen months within which students

complete a total of 18 credits. Students opting to do a project will take 10 units in the first year of study and 4 units in the second year and the research project (4 units). Students opting to do thesis will take 10 units in the first year of study and the thesis (8 units) in the second year. Each unit shall consist of the equivalent of 35 lecture hours and shall be examined at the end of the semester in which it is taken.

List of units across semesters

SN	Unit code and title	Sem 1	Sem 2	Sem 3
Year 1				
1.	ISC 840: Fundamentals of Knowledge Management	+		+
2.	ISC 841: Information and Knowledge Society	+		+
3.	ISC 842: Development of Knowledge Content	+		+
4.	ISC 843: Database Management Systems	+		+
5.	ISC 844: Knowledge Management Technology	+		+
6.	ISC 845: Data Warehousing and Mining		+	
7.	ISC 846: Knowledge Management Systems		+	
8.	ISC 847: Research Methods in KM		+	
9.	ISC 848: Artificial Intelligence		+	
10.	ISC 849: Statistics for Knowledge Management		+	
Year 2				
1.	ISC 850: Research project - Project option	+		+
2.	ISC 851: Research by thesis	+		+
3.	ISC 852: Communication in the Knowledge Environment	+		+
4.	ISC 855: Knowledge Engineering	+		+
5.	ISC 859: The Knowledge Management Consultancy	+		+
Electives (Any One)				
1.	ISC 853: Knowledge Organization Structures		+	
2.	ISC 854: Decision Support System		+	
3.	ISC 856: Policy, Law and Economics of Knowledge Management		+	
4.	ISC 857: Economics of Information		+	
5.	ISC 858: Competitive Intelligence		+	

Ph.D. (Information Science)

Programme Structure and Duration

The PhD. In information science shall consist of coursework, examination and thesis. The degree will be completed within a period of four (4) years within which students complete a total of 18 credits. Students will take 10 core units in the first year after which the student will embark on the proposal and thesis comprising of the remaining 8 credits in the subsequent years. Each unit shall consist of the equivalent of 35 lecture hours and shall be examined at the end of the semester in which it is taken.

List of units across semesters

	Sem 1	Sem 2	Sem 3
ISC 900: Research Methods	+		+
ISC 901: Information Policy	+		+
ISC 902: Information Behaviour	+		+
ISC 903: Library Education	+		+
ISC 905: Statistical Methods		+	
ISC 906: Information Ethics and Literacy		+	
ISC 907: Contemporary Issues in Information		+	
ISC 908: Knowledge Society	+		+
ISC 909: Human Computer Interaction	+		+
ISC 910: Seminar Presentation and Scholarly Work	+		+
ISC 911: Thesis	+		+
ISC904: Information Equity		+	

7. SCHOOL OF ENGINEERING AND TECHNOLOGY

7.1 Department of Agricultural & Biosystems Engineering

B.Sc. Agricultural & Biosystems Engineering

Duration and Structure of the Programme

The programme shall cover a minimum of five academic years, with all subjects taught in units including practicals. Each candidate is required to take a minimum of 16 units per academic years. To qualify for the B.Sc. Agricultural & Biosystems Engineering degree award thus, the candidate will be required to have taken a minimum of 80 units. To facilitate hands-on practical experiences, B.Sc. Agricultural & Biosystems Engineering students shall have a third semester in second, third and fourth years in conformity with the requirements of the Engineering Board of Kenya (EBK). A semester shall consist of 16 weeks, 2 of which for examination. *The teaching hours for each course shall be two hours of lecture, one hour for tutorials and three hour of laboratory work where required.*

Programme Structure

	Unit Code and Unit Title	Sem 1	Sem 2	Prerequisites
1.	UCU 100: Communication Skills	+		
2.	UCU 101: Development Studies	+		
3.	ECU 100: Chemistry for Engineers I	+		
4.	ECU 101: Physics for Engineers I	+		
5.	ECU 104: Engineering Mathematics I	+		
6.	ECU 105: Engineering Mathematics II	+		
7.	ECU 109: Fundamentals of Computing	+		

8.	EBE 100:Engineering Drawing and Design I	+		
9.	UCU 103:Introd. to Creative and Critical Thinking		+	
10.	ECU 102:Chemistry for Engineers II		+	ECU 100
11.	ECU 103:Physics for Engineers II		+	ECU 101
12.	ECU 106:Engineering Mathematics III		+	ECU 105
13.	ECU 107:Engineering Mathematics IV		+	ECU 107
14.	ECU 108:Introduction to Engineering Profession		+	
15.	EBE 101:Introduction to Material Science		+	ECU 100 ECU 101
16.	EBE 102:Engineering Drawing and Design II		+	EBE 100
17.	ECU 200:Engineering Mathematics V	+		ECU 107
18.	ECU 201:Engineering Mathematics VI	+		ECU 105
19.	EBE 200:Computer Programming I	+		ECU 109
20.	EBE 201:Computer Aided Engineering Drawing	+		EBE 100 EBE 102
21.	EBE 202:Fluid Mechanics I	+		ECU 103
22.	EBE 203:Engineering Thermodynamics I	+		ECU 103
23.	EBE 204:Electrical Engineering I	+		ECU 103
24.	EBE 205:Workshop Process and Practice I	+		EBE 100
25.	ECU 202:Engineering Mathematics VII		+	ECU 200
26.	ECU 203:Engineering Mathematics VIII		+	ECU 200
27.	EBE 206:Workshop Process and Practice II		+	EBE 205
28.	EBE 207:Engineering Thermodynamics II		+	EBE 203
29.	EBE 208:Engineering Materials		+	EBE 101
30.	EBE 209:Electrical Engineering II		+	EBE 204
31.	EBE 210:Mechanics of Machines I		+	ECU 101
32.	EBE 211:Fluid Mechanics II		+	EBE 202
33.	EBE 212:Internal - Practical Attachments (12 Weeks)		+	
34.	ECU 300:Engineering Mathematics IX	+		ECU 200
35.	EBE 300:Soil Mechanics	+		ECU 203
36.	EBE 301:Engineering Design I	+		EBE 102 EBE 201
37.	EBE 302:Engineering Hydrology	+		ECU 301
38.	EBE 303:Principles of Crop Production	+		
39.	EBE 304:Mechanics of Machines II	+		EBE 211
40.	EBE 305:Thermodynamics III	+		EBE 207
41.	EBE 306:Solid and Structural Mechanics I	+		ECU 103 ECU 203
42.	ECU 301:Engineering Mathematics X		+	ECU 200
43.	ECU 302:Innovation and Entrepreneurship		+	UCU 101
44.	EBE 307:Mechanical Power Transmission		+	EBE 304 ECU 300

45.	EBE 308:Engineering Electronics		+	EBE 209
46.	EBE 309:Computer Programming II		+	ECU 109
47.	EBE 310:Hydraulics		+	EBE 211
48.	EBE 311:Engineering Surveying		+	ECU105
49.	EBE 312:Solid and Structural Mechanics II		+	EBE 306
50.	ECU 303:Industrial - Practical Attachments I (8 - 12weeks)		+	
51.	ECU 400:Research Methodology	+		
52.	ECU 401:Engineering Project Management	+		
53.	EBE 401:Irrigation and Drainage	+		
54.	EBE 402:Agricultural Processes Engineering I	+		ECU 302 ECU 303
55.	EBE 403:Refrigeration and Air Conditioning	+		
56.	EBE 404:Farm Power and Machinery I	+		
57.	EBE 405:Water Resources Engineering	+		
58.	EBE 406:Agric. Animal Production and Husbandry	+		
59.	ECU 402:Engineering Economics		+	
60.	EBE 407:Structural Design		+	EBE 312 EBE 306
61.	EBE 408:Design of Waste Management Systems		+	EBE 300 EBE 310 EBE 311
62.	EBE 409:Agricultural Processes Engineering II		+	EBE 402
63.	EBE 410:GIS and RS in Resource Management		+	EBE 311
64.	EBE 411:Farm Power and Machinery II		+	EBE 404
65.	EBE 412:Watershed Eng. and Management		+	EBE 405
66.	EBE 413:Heat and Mass Transfer		+	EBE 305
67.	EBE 414:Industrial - Practical Attachments II (8-12 Weeks)		+	
68.	ECU 500:Engineering Practice and Ethics	+		ECU 403 ECU 401 ECU 400
69.	EBE 500:Land Use Planning and Photogrammetry	+		EBE 302 EBE 405 EBE 410
70.	EBE 501:Engineering Design Project I	+		ECU 400
71.	EBE 502:Environmental Impact Assessment	+		ECU 400 ECU 401
72.	EBE 503:Quality Control Methods	+		ECU 201
73.	EBE 504:Instrumentation and Control	+		EBE 308 EBE 209
74.	EBE 505:Safety Engineering	+		ECU 201 ECU 401
75.	EBE 506:Bio-Energy Resources	+		EBE 305

76.	EBE 507:Engineering Design Project II		+	EBE 501
77.	EBE 508:Mechanization and Machinery Management		+	EBE 411
78.	EBE 526: Energy Resources and Utilization		+	EBE 411
79.	EBE 513: Design of Irrigation and Drainage Systems		+	EBE 405 EBE 401
80.	EBE 531: Water Resources Modelling		+	EBE 405
81.	EBE 518: Functional Analysis of Biosystems Structures		+	EBE 407
82.	EBE 519: Construction Management		+	ECU 401 ECU 402
83.	EBE 524: Operations Research (Elective)		+	ECU 400

7.2 Department of Civil Engineering

B.Sc Civil Engineering

Programme Duration and Structure

The programme shall cover a minimum of five academic years, with all subjects taught in units including practicals. Each candidate is required to take a minimum of 16 units per academic years. To qualify for the B.Sc. degree award thus, the candidate will be required to have taken a minimum of 80 units. To facilitate hands on practical experiences, B.Sc. Engineering students shall have a third semester in second, third and fourth years in conformity with the requirements of the Engineering Board of Kenya (EBK). A semester shall consist of 16 weeks, 2 of which for examination. The teaching hours for each course shall be two hours of lecture, one hour for tutorials and three hour of laboratory work where required.

List of Units across Semester

SN	Unit cod and tittle	Sem 1	Sem 2	Prerequi- sites	Hours
	Level 100				
1.	ECU 100:Chemistry for Engineers I	+			
2.	ECU 101:Physics for Engineers I	+			
3.	ECU 102:Chemistry for Engineers II		+	ECU 100	56
4.	ECU 103Physics for Engineers II		+	ECU 101	56
5.	ECU 104:Engineering Mathematics I	+			
6.	ECU 105:Engineering Mathematics II	+			
7.	ECU 106:Engineering Mathematics III		+	ECU 105	48
8.	ECU 107:Engineering Mathematics IV		+	ECU 105	48
9.	ECU 108:Introduction to Engineering Profes- sion		+		
10.	ECU 109:Fundamentals of Computing	+			
11.	ECV 100:Engineering Drawing I		+		
12.	ECV 101:Material Science	+		ECU 100 ECU 101	56
13.	ECV 102:Computer Programming I		+	ECU 109	56
14.	UCU 100:Communication Skills	+			

15.	UCU 101:Development Studies	+			
16.	UCU 103:Introduction to Creative and Critical Thinking		+		
	Level 200	Sem 1	Sem 2		
17.	ECU 200:Engineering Mathematics V	+		ECU 107	48
18.	ECU 201:Engineering Mathematics VI	+		ECU 105	48
19.	ECU 202:Engineering Mathematics VII		+	ECU 200	48
20.	ECU 203:Engineering Mathematics VIII		+	ECU 200	48
21.	ECV 200:Engineering Drawing II	+		ECV 100	56
22.	ECV 201:Surveying I	+		ECU 105	56
23.	ECV 202:Fluid Mechanics I	+		ECU 103	56
24.	ECV 203:Strength of Materials I	+		ECU 103	56
25.	ECV 204:Theory of Structures I	+		ECV 203	56
26.	ECV 205:Civil Engineering Materials I	+		ECV 101	56
27.	ECV 206:Surveying II		+	ECV 201	56
28.	ECV 207:Fluid Mechanics II		+	ECV 202	56
29.	ECV 208:Strength of Materials II		+	ECV 203	56
30.	ECV 209:Theory of Structures II		+	ECV 204	56
31.	ECV 210:Civil Engineering Materials II		+	ECV 205	56
32.	ECV 211:Electromechanical Engineering		+	ECV 102	56
33.	ECV 212:Practical Attachment - Internal (12 weeks)				
	Level 3	Sem 1	Sem 2		
34.	ECU 300:Engineering Mathematics IX	+		ECU 200	48
35.	ECU 301:Engineering Mathematics X		+	ECU 200	48
36.	ECU 302:Innovation and Entrepreneurship for Engineers		+		
37.	ECU 303:Industrial Practical Attachment I (12 weeks)				
38.	ECV 300:Engineering Geology	+		ECU 103	
39.	ECV 301:Soil Mechanics I	+		ECU 103	
40.	ECV 302:Hydraulics I	+		ECV 207	
41.	ECV 303:Public Health Engineering I	+		ECV 302	
42.	ECV 304:Surveying III	+		ECV 206	
43.	ECV 305:Theory of Structures III	+		ECV 209	
44.	ECV 306:Transportation Planning and Development	+		ECU 201	
45.	ECV 307:Hydrology I		+		
46.	ECV 308:Soil Mechanics II		+	ECV 301	
47.	ECV 309:Hydraulics II		+	ECV 302	
48.	ECV 310:Public Health Engineering II		+	ECV 303	
49.	ECV 311:Surveying IV		+	ECV 304	

50.	ECV 312:Theory of Structures IV		+	ECV 305	
	Level 400	Sem 1	Sem 2		
51.	ECU 400:Research Methodology	+		UCU 100 ECU 302	48
52.	ECU 401:Project Management	+			48
53.	ECU 402:Engineering Economics		+	ECU 302 ECU 303	
54.	ECU 403:Industrial Practical Attachment II (12 Weeks)			ECU 303	
55.	ECV 400:Traffic Engineering I	+		ECV 306	
56.	ECV 401:Highway Engineering I	+		ECV 308	56
57.	ECV 402:Irrigation Engineering I	+		ECV 302	
58.	ECV 403:Foundation Engineering I	+		ECV 308	
59.	ECV 404:Structural Design I (Studio)	+		ECV 208 ECV 209 ECV 210	
60.	ECV 405:Theory of Structures V	+		ECV 312	
61.	ECV 406:Transportation Engineering		+	ECV 306	
62.	ECV 407:Hydrology II		+	ECV 307 ECU 201	
63.	ECV 408:Traffic Engineering II		+	ECV 400 ECU 201	
64.	ECV 409:Highway Engineering II		+	ECV 401 ECV 403	
65.	ECV 410:Irrigation Engineering II		+	ECV 402	
66.	ECV 411:Foundation Engineering II		+	ECV 308 ECV 403	
67.	ECV 412:Structural Design II (Studio)		+	ECV 404	
	Level 500	Sem 1	Sem 2		
68.	ECU 500:Engineering Practice and Ethics	+		ECU 400 ECU 401 ECU 403	
69.	ECV 500:Civil Engineering Project I	+		ECU 400	
70.	ECV 501:Structural Design III (Studio)	+		ECV 412	
71.	ECV 502:Water Resources Engineering I	+		ECV 309	
72.	ECV 503:Highway Materials	+		ECV 403 ECV 409	
73.	ECV 504:Construction Management	+		ECU 401 ECU 402	
74.	ECV 505:Environmental Engineering	+			
75.	ECV 506:Public Health Engineering III	+		ECU 400	
76.	ECV 507:Geotechnical Engineering		+	ECU 301 ECV 411	
77.	ECV 509:Civil Engineering Practice		+	ECU 401 ECV504	

78.	ECV 510:Logistics and System Analysis in Transportation		+	ECV 306 ECV 406	
79.	ECV 522:Design and Construction of Dams		+	ECV 300 ECV 302 ECV 308 ECV 309	
80.	ECV 523:Civil Engineering Project II		+	ECU 400	
	Electives: A student to select Only Three Units from the following groups				
	Water Resources and Public Health Engineering (Option 1)				
81.	ECV 511:Public Health Engineering IV		+	ECV 506	
82.	ECV 512:Water Resources Engineering II		+	ECV 502	
83.	ECV 513:Groundwater Abstraction and Re-charge		+	ECV 300	
	Structural Engineering (Option 2)				
84.	ECV 514:Theory of Structures VI		+	ECV 405	
85.	ECV 515:Structural Design IV (Studio)		+	ECV 501	
86.	ECV 516:Mechanics of Composite Materials		+	ECV 412	
87.	ECV 517:Design of Bridges		+	ECV 404	
	Transport And Highway Engineering (Option 3)				
88.	ECV 508:Coastal Engineering		+	ECV 411 ECV 412	
89.	ECV 518:Pavement Design		+	ECV 401 ECV 403 ECV 409	
90.	ECV 519:Transportation, Urban and Regional Planning		+	ECV 406	
91.	ECV 520:Urban Traffic Management		+	ECV 401 ECV 403 ECV 409	
92.	ECV 521:Advanced Engineering Surveying		+	ECV 311	

7.3 Department of Computing and Information Technology

Diploma in Information Technology

Duration and Pattern

The programme is designed so that a student completes the diploma in a period of two academic years. In the first three semesters, the student is expected to take a minimum of 5 units per semester. In the final semester, the student will take three units. To qualify for the award of the diploma, the candidate should have taken a minimum of 18 units all of which are compulsory.

A semester shall consist of sixteen (16) weeks two (2) of which are for examination. *The teaching hours for each practical unit shall be two (2) hours lecture, one (1) hour tutorial whereas the teaching hours for theoretical units shall*

be two (2) hours lecture and one (1) hour tutorial.

List of Units across Semesters

S N	Unit Code and Title	Sem 1	Sem2
1	SIT 021:Introduction To Information Technology	+	
2	SIT 022:Introduction To Operating System		+
3	SIT 023:Computers And Society	+	
4	SIT 024:Visual Programming		+
5	SIT 025:Introduction To Computer Hardware	+	
6	SIT 026:Introduction To Programming	+	
7	SIT 027:Introduction To Information Systems	+	
8	SIT 028:Introduction To Logic		+
9	SIT 029:Introduction To System Analysis		+
10	SIT 030:Introduction To Internet Technology		+
11	SIT 031:Introduction To Statistics		+
12	SIT 032:Introduction To Databases		+
13	SIT 033:Project (1 Unit)		+
14	SIT 034:Introduction To Digital Electronics	+	
15	SIT 035:Networking	+	
16	SIT 036:ICT Project Management	+	
17	SIT 037:Object Oriented Programming	+	
18	SIT 038:Information Systems Management	+	

Bsc in Applied Computer Science

Duration and Pattern

The programme is designed so that a student completes the degree in a period of four academic years. In the first two years, the student is expected to take a minimum of 13 units per year. In the third and fourth years, the student will take 12 units. To qualify for the award of the degree, the candidate should have taken a minimum of 50 units all of which are compulsory.

A semester shall consist of sixteen (16) weeks two (2) of which are for examination. The teaching hours for each practical unit shall be two (2) hours lecture, one (1) hour tutorial whereas the teaching hours for theoretical units shall be two (2) hours lecture and one (1) hour tutorial.

List of Units across Semesters

SN	Unit Code and Title	Sem1	Sem2
1	CIC100:Introduction to structured Programming	+	
2	CIC101:Communication and team building		+
3	CIC102:Computing and society	+	
4	CIC103:Introduction to applied computing	+	
5	CIC104:Introduction to operating systems		+

6	CIC105:Principles of Programming	+	
7	CIC106:Principles of database systems		+
8	CIC107:Fundamentals of computer organization and architecture	+	
9	CIC108:Introduction to statistics and probability		+
10	CIC110:Data communication and computer networks		+
11	UCU100:Communication Skills	+	
12	UCU101:Development Studies		
13	UCU103:Critical Thinking		+

Year two

SN	Unit Code and Unit Title	Sem 1	Sem 2	Sem 3
14	CIC201:Differential and integral calculus	+		
15	CIC203:Information retrieval	+		
16	CIC205:Introduction to OO Programming	+		
17	CIC207:Computer graphics	+		
18	CIC209:Introduction to computer security	+		
19	CIC211:Multimedia tools and applications	+		
20	CIC200:Human computer interactions		+	
21	CIC202:Computing project management		+	
22	CIC204:Data structures and algorithms		+	
23	CIC206:Fundamentals of web technology and internet Programming		+	
24	CIC208:Software Engineering		+	
25	CIC210:Principles of business management		+	
26	CIC212:Industrial Project (Internship)			+

Year three

SN	Unit Code and Unit Title	Sem 1	Sem 2
27	CIC301:Linear algebra	+	
28	CIC303:E-Business	+	
29	CIC305:Advanced database systems	+	
30	CIC307:Digital electronics	+	
31	CIC309:Object Oriented Analysis and Design	+	
32	CIC311:Advanced Computer organization and Architecture	+	
33	CIC300:Systems Programming		+
34	CIC302:Algorithms design and analysis		+
35	CIC304:Software quality assurance		+
36	CIC306:Artificial Intelligence		+
37	CIC308:Research methods		+
38	CIC310:Operating systems administration		+

Year four

SN	Unit Code And Unit Name	Sem 1	Sem 2
39	CIC400:Project	+	
40	CIC401:Network administration	+	
41	CIC403:Operations research	+	
42	CIC405:Grid and cloud computing	+	
43	CIC407:Modeling and simulation	+	
44	CIC409:Mobile and wireless computing	+	
45	CIC400:Project		+
46	CIC402:Advanced computer security		+
47	CIC404:Emerging technologies in Applied Computer Science		+
48	CIC406:Entrepreneurship		+
49	CIC408:Data warehousing and mining		+
50	CIC410:Mobile Applications		+

Bachelor of Science (Computer Science)**Duration and Pattern of the Course**

The programme is designed so that a student completes the degree in a period of four academic years. In the first year, the student is expected to take a minimum of 14 units. In the second and third years, the student will take 13 units, and in the fourth year, the student will take 12 units. To qualify for the award of the degree, the candidate should have taken a minimum of 52 units all of which are compulsory.

A semester shall consist of sixteen (16) weeks two (2) of which are for examination. The teaching hours for each practical unit shall be two (2) hours lecture, one (1) hour tutorial whereas the teaching hours for theoretical units shall be two (2) hours lecture and one (1) hour tutorial.

List of Units across Semesters

Level 100				
S N	Unit Code and Title	Sem 1	Sem2	Prerequisites
1	SCO100:Computer Fundamentals	+		
2	SCO102:Introduction to Programming	+		
3	SCO103:Object Oriented Programming I		+	SCO 100 SCO 102
4	SCO104:Computer Organization and Architecture I	+		
5	SCO105:Data Communication Technologies		+	SCO 100
6	SCO106:Electronics	+		
7	SCO108:Discrete Mathematics	+		
8	SCO109:Linear Algebra for Computer Science		+	SCO 108 SCO 110
9	SCO110:Mathematical Foundations for Computer Science	+		

10	SCO113:Foundations of Artificial Intelligence		+	
11	SMA 104:Calculus I		+	
12	UCU 100:Communication Skills	+		
13	UCU 101:Development Studies		+	
14	UCU 103:Introductions to Creative and Critical Thinking		+	

Level 200

S N	Unit Code and unit Title	Sem 1	Sem2
1	SCO 215:System Analysis and Design		+
2	SCO200:Object Oriented Programming II	+	
3	SCO201:Computer Organization and Architecture II		+
4	SCO203:Software Testing and Quality Assurance		+
5	SCO204:Data Structures and Algorithms	+	
6	SCO206:Database Systems	+	
7	SCO207:Web Development Technologies		+
8	SCO208:Object Oriented Analysis and Design	+	
9	SCO209:Microprocessor and Assembly Language Programming		+
10	SCO211:Automata Theory		+
11	SCO212:Probability and Statistics for Computer Science	+	
12	SCO217:Operating Systems		+
13	SMA 200:Calculus II	+	

Level 300

S N	Unit Code and Title	Sem 1	Sem2	Sem3
1	SCO300:Computer Networks	+		
2	SCO301:Compiler Construction		+	
3	SCO302:Software Project Management	+		
4	SCO303:Simulation and Modeling		+	
5	SCO304:Advanced Database Systems	+		
6	SCO305:Computer Graphics		+	
7	SCO306:Programming Languages	+		
8	SCO307:Human Computer Interface		+	
9	SCO308:Design and Analysis of Algorithms	+		
10	SCO309:Research Methods and Technical Writing		+	
12	SCO310:Component Programming	+		
13	SCO311:Electronic Commerce		+	
14	SCO312:Industrial Attachment			+
15	SMA 330:Numerical Analysis I	+		

Level 400

S N	Unit Code and Title	Sem 1	Sem2
1	SCO400:Project (2 units)	+	+

2	SCO402:Legal and Ethical Issues in Computing	+	
3	SCO404:Entrepreneurship	+	
4	SCO406:Computer Systems Security	+	
5	SCO408:Information Systems Management	+	
6	SCO410:Distributed Systems	+	
7	SCO412:Mobile Computing and Wireless Technology	+	
	Select all 4 units from one of the following areas of specialization		
	Net Centric Computing		
8	SCO401:Network Management		+
9	SCO403:Networked Applications		+
10	SCO405:Compression		+
11	SCO407:Multimedia Technologies		+
	Intelligent Systems		
12	SCO409:Natural Language Processing		+
13	SCO411:Neural Networks		+
14	SCO413:Robotics		+
15	SCO415:Data Warehouse and Data Mining		+
	Information Systems		
16	SCO417:Geographic Information Systems		+
17	SCO419:Enterprise Resource Planning (ERP) Systems		+
18	SCO421:Decision Support Systems		+
19	SCO423:Information System Auditing		+

Bachelor of Information Technology

Duration and Pattern of the Course

The programme is designed so that a student completes the degree in a period of four academic years. In the first two years, the student is expected to take a minimum of 14 units per year. In the third and fourth years, the student will take 12 units. To qualify for the award of the degree, the candidate should have taken a minimum of 52 units all of which are compulsory.

A semester shall consist of sixteen (16) weeks two (2) of which are for examination. The teaching hours for each practical unit shall be two (2) hours lecture, one (1) hour tutorial whereas the teaching hours for theoretical units shall be two (2) hours lecture and one (1) hour tutorial.

List of Units across Semesters

Level 100			
S N	Unit Code and Unit Title	Sem 1	Sem2
1	SIT 101:Foundation of information technology	+	
2	SIT 102:Introduction to structured programming	+	
3	SIT 103:Computers and society	+	
4	SIT 104:Visual Basic Programming		+

5	SIT 105:Introduction to Computer Hardware	+	
6	SIT 106:Programming Methodology		+
7	SIT 107:Introduction to Information Systems		+
8	SIT 108:Introduction to Logic		+
9	SIT 109:Introduction to Internet Technology		+
10	SIT 110:Introduction to statistics		+
11	SIT 111:Introduction to Databases	+	
12	SIT 112:Introduction to digital electronics	+	
13	SIT 113:Networking		+
14	UCU 101:Development Studies	+	

Level 200

S N	Unit Code and Title	Sem 1	Sem2
1	SIT 200: Management Information Systems	+	
2	SIT 201: Data Communications and Networks	+	
3	SIT 202:Database Management Systems	+	
4	SIT 203: Object Oriented Programming	+	
5	SIT 204: System Analysis and Design	+	
6	SIT 205: Entrepreneurship and Business Planning		+
7	SIT 206: Data Structures and Algorithms	+	
8	SIT 207: Software Engineering		+
9	SIT 208:Ethics In Information System		+
10	SIT 209: Web Design		+
11	SIT 210: Multimedia Systems		+
12	SIT 211: Introduction to Logic Programming		+
13	UCU 100: Communication Skills	+	
14	UCU 103: Introductions to Creative and Critical Thinking		+

Level 300

S N	Unit Code and Title	Sem 1	Sem2
1	SIT 300: Component Programming	+	
2	SIT 302: Information System Security	+	
3	SIT 303: System Administration	+	
4	SIT 304: Operating Systems	+	
5	SIT 305: Introduction to Artificial Intelligence	+	
6	SIT 306: Data Communications and Networking	+	
7	SIT 301: Database Administration		+
8	SIT 307: Management Information System		+
9	SIT 308: Human Computer Interaction		+
10	SIT 309: Object Oriented Design		+
11	SIT 310: Fundamentals of Programming Languages		+
12	SIT 311: Computer Architecture		+

Level 400			
S N	Unit Code and Title	Sem 1	Sem2
1	SIT 400: Project (2 units)	+	+
2	SIT 401: Information System Management	+	
3	SIT 402: Issues In Information Technology	+	
4	SIT 403: ICT Project Management	+	
5	SIT 404: Management Mathematics	+	
6	SIT 405: E-Commerce	+	
7	SIT 406: Organizational Behaviour		
8	SIT 408: Decision Support Systems		+
9	SIT 409: Data Mining and Knowledge Discovery		+
10	SIT 410: Knowledge Based Systems		+
11	SIT 411: Distributed Systems		+
12	SIT 412: Accounting Information Systems		+

M.Sc. in Computer Science

Duration and Pattern of the Course

Master of Science degrees in the Department of Computing and Information Technology shall be by coursework, examination and thesis. The program shall run for a minimum of two academics years. In the first year, a student shall take a maximum of five units in each semester. In the second year, a student shall take four units in each semester. Upon successful completion of the course and thesis, the candidate shall be awarded an M.Sc. (Computer science) degree.

List of Units across Semesters

SN	Unit Code And Unit Title	Sem 1	Sem 2
1	ECU 800:Research Methodology	+	
2	SCO 801:Operating Systems Theory And Design	+	
3	SCO 802:Computer Networks And Wireless Communication	+	
4	SCO 803:Cyber Security And Computer Forensics	+	
5	SCO 804:Advanced Computer Architecture	+	
6	SCO 805:Numerical Analysis In Computing		+
7	SCO 806:Research Methods In Computer Science		+
8	SCO 807:Advanced Digital Image Processing		+
9	SCO 808:Simulation And Modeling Theory And Application		+
10	SCO 809:Software Engineering Techniques		+
11	SCO 810:Knowledge Representation And Reasoning	+	
12	SCO 811:Machine Learning	+	
13	SCO 812:Logic Programming	+	
14	SCO 813:Distributed Artificial Intelligent Agents	+	
15	SCO 813:Distributed Artificial Intelligent Agents		+

16	SCO 814:Mobile And Pervasive Computing		+
17	SCO 815:Parallel Computing		+
18	SCO 816:Advanced Distributed Systems		+
19	SCO 817:Project		
20	SCO 818:Thesis		

7.4 Department of Electrical & Electronic Engineering

B. Sc. Electrical & Electronic Engineering

B. Sc. Biomedical Engineering

Programme Duration and Structure

Each programme shall cover a minimum period of five academic years, with each academic year divided into two semesters. A semester shall consist of 16 weeks and *the teaching hours will be 56 hours and 48 hours for practical and non-practical courses, respectively*. In addition, there are three 12-week practical sessions scheduled as follows:

Workshop Practice (in campus) after the second academic year

Industrial Attachment (in industry) after the third academic year

Industrial Attachment (in industry) after the fourth academic year

In each academic year of study, a candidate is expected to take a minimum of 16 core course units. To qualify for the award of the degree, the candidate should have successfully completed a minimum of 80 units of which 76 are compulsory and 4 are electives.

List of Rationalised Units across Semester

First Year of Study

SN	Course Title	Sem1	Sem2	Hours
1	ECU 100:Chemistry for Engineers I	+		56
2	ECU 101:Physics for Engineers I	+		56
3	ECU 104:Engineering Mathematics I	+		48
4	ECU 105:Engineering Mathematics II	+		48
5	ECU 109:Fundamentals of Computing	+		56
6	EEE 100:Engineering Drawing I	+		56
7	UCU 100:Communication Skills	+		35
8	UCU 101:Development Studies	+		35

SN	Course Code and Title	Sem1	Sem2	Prerequisites	Hours
1	ECU 102:Chemistry for Engineers II		+	ECU 100	56
2	ECU 103:Physics for Engineers II		+	ECU 101	56

3	ECU 106:Engineering Mathematics III		+	ECU 104	48
4	ECU 107:Engineering Mathematics IV		+	ECU 105	48
5	ECU 108:Introduction to Engineering Profession		+		48
6	EEE 101:Engineering Drawing II		+	EEE 100	56
7	EEE 102:Computer Programming I		+	ECU 109	56
8	UCU 103:Introduction to Creative and Critical Thinking		+		35

Second Year of Study

SN	Course Code and Title	Sem1	Sem2	Prerequisites	Hours
1.	ECU 200:Engineering Mathematics V	+		ECU 107	48
2.	ECU 201:Engineering Mathematics VI	+		ECU 105	48
3.	EEE 200:Introduction to Material Science	+		ECU 102	
4.	EEE 201:Thermodynamics	+		ECU 104 ECU 101 ECU 103	
5.	EEE 202:Computer Programming II	+		EEE 102	
6.	EEE 203:Circuit Theory I	+		ECU 103	
7.	EEE 205:Physical Electronics	+		ECU 100 ECU 101	
8.	EEE 212:Mechanics of Machines	+		ECU 101	

SN	Course Title	Sem1	Sem2	Prerequisites	Hours
1.	ECU 202:Engineering Mathematics VII		+	ECU 200	48
2.	ECU 203:Engineering Mathematics VIII		+	ECU 200	48
3.	ECU 204:Circuit Theory II		+	EEE 203	56
4.	EEE 206:Electrical Machines I		+	EEE 204	56
5.	EEE 207:Database Management Systems		+	ECU 109	56
6.	EEE 208:Electrical Measurements		+	EEE 203	56
7.	EEE 209:Fluid Mechanics		+	ECU 102 ECU 101	56
8.	EEE 210:AutoCAD		+	ECU 109	56

EEE 213: Workshop Practice (12 Weeks)

Third year of Study

SN	Course Title	Sem1	Sem2	Prerequisites	
1	ECU 300:Engineering Mathematics IX	+		ECU 200	48
2.	ECU 302: Innovation & Entrepreneurship for Engineers	+			
3.	EEE 300:Electrical Machines II	+		EEE 206	56
4.	EEE 302:Electromagnetic Fields	+		ECU 104 EEE 206	56

5.	EEE 304:Electrical Engineering Materials	+		EEE 200	56
6.	EEE 305:Digital Electronics I	+		EEE 207	56
7.	EEE 308:Analogue Electronics I	+		EEE 203 ECU 103	56
8.	EEE 310:Control System I	+		ECU 105 ECU 106	56

SN	Course Title	Sem1	Sem2	Prerequisites	Hours
1.	ECU 301:Engineering Mathematics X		+	ECU 200	48
2.	EEE 303:Power Systems I		+	EEE 203 EEE 204	56
3.	EEE 306:Digital Electronics II		+	EEE 305	56
4.	EEE 307:Network Analysis and Synthesis		+	EEE 203 EEE 204	56
5.	EEE 309:Analogue Electronics II		+	EEE 308	56
6.	EEE 311:Control Systems II		+	EEE 310	56
7.	EEE 313:Transmission Lines and Wave Guides		+	EEE 302	56
8.	EEE 315:Electrical Machines III		+	EEE 206 EEE 300	56

ECU 303: Industrial Practical Attachment I (12weeks)

Fourth Year of Study

SN	Course Title	Sem1	Sem2	Prerequisites	Hours
1.	ECU 401:Project Management	+			48
2.	EEE 400:Communication Systems I	+		EEE 302 EEE 307	56
3.	EEE 402:Complex Analysis for Electrical Engineers	+		ECU 105	48
4.	EEE 403:Analogue Electronics III	+		EEE 308 EEE 309	56
5.	EEE 404:Power Systems II	+		EEE 303	56
6.	EEE 405:Power Electronics	+		EEE 308 EEE 309	56
7.	EEE 406:Microprocessor Systems and Applications	+		EEE 308 EEE 309	56
8.	EEE 410:Signals and Systems	+		Engineering Mathematics	56

SN	Course Title	Sem1	Sem2	Prerequisites	Hours
1.	ECU 400:Research Methodology		+	UCU 100 ECU 302	48
2.	ECU 402:Engineering Economics		+	ECU 302 ECU 303	48
3.	EEE 401:Communication Systems II		+	EEE 400	56

4.	EEE 407:Operational Research		+		56
5.	EEE 408:Engineering Project I		+	ECU 400	56
6.	EEE412:Power Systems III		+	EEE 404	56
7.	EEE 414:Instrumentation		+	EEE 208 EEE 403	56
8.	EEE415:Electrodynamics & Insulating Materials		+	EEE 304 EEE 302	56

ECU 403 Industrial Practical Attachment II (12 Weeks)

Fifth Year of Study (Power Engineering Option)

SN	Course Title	Sem1	Sem 2	Prerequisites
1.	EEE 505:Switchgear & Protection		+	ECU 400 ECU 402 ECU 403
2.	EEE 503:Industrial Management		+	
3.	EEE 506:High Voltage Technology & HVDC Transmission		+	EEE 208 EEE 304
4.	EEE 508:Power Electronics & Variable Speed Drives		+	EEE 405
5.	EEE 552:Power Systems Dynamics & Control		+	EEE 504
6.	EEE 500: Engineering Project II		+	EEE 408
7.	ELECTIVES (III)		+	
8.	ELECTIVES (IV)		+	

The contact hours for the below units is 56

	Power Engineering Option Electives	Prerequisites
1.	EEE 510:Simulation and Modeling	EEE 202 & Engineering Mathematics
2.	EEE 512:Digital Signal Processing	EEE 410 EEE 402
3.	EEE513:Distributed Systems	EEE 207
4.	EEE 516:State Space Design and Digital Control	EEE 311
5.	EEE 519:Radio Frequency Circuit Design	EEE 400
6.	EEE521:Decision Support Systems	
7.	EEE 522:Artificial Intelligence and Expert Systems	EEE 202
8.	EEE 523:Nonlinear and Multivariable control	EEE 310 EEE 311
9.	EEE526:Electronic Computer Aided Design and Manufacturing Techniques	
10.	EEE 532:Human Computer Interaction	EEE 202
11.	EEE 533:Electronic Circuits and Systems	EEE 306 EEE 308
12.	EEE 534:Power System Economics and Planning	EEE 502
13.	EEE 535:Illumination Engineering	ECU 101 ECU 103

14.	EEE 536:Optimization and Control	EEE 310 EEE 407
15.	EEE 537:Embedded Systems Design	EEE 306 EEE 406
16.	EEE 538:Electrical Machine Design	EEE 206 EEE 300
17.	EEE 539:Electrical Power Generation	EEE 302 EEE 206 EEE 300
18.	EEE 540:Fuzzy Logic And Neural Networks	EEE 310 EEE 311
19.	EEE 541:Utilization Of Electrical Energy	EEE 206 EEE 300
20.	EEE 542:Safety Engineering	EEE 213
21.	EEE 543:Reliability Engineering	ECU 201
22.	EEE 556:Programmable Logic Controllers	EEE 305 EEE 406

Fifth Year of Study (Telecommunication Option)

The contact hours for the below units is 56

SN	Course Title	Sem 1	Sem 2	Prerequisites
1.	EEE 500:Engineering Project II		+	EEE 408
2.	EEE 512:Digital Signal Processing		+	EEE 410 EEE 402
3.	EEE 529:Fiber-Optic Communication		+	EEE 400 EEE 401
4.	EEE 546:Information Theory & Coding		+	EEE 401
5.	EEE 547:Microwave Engineering		+	EEE 302 EEE 400
6.	EEE 548:Antenna & Propagation		+	EEE 302 EEE 400
7.	ELECTIVES VII		+	
8.	ELECTIVES VIII		+	

	Telecommunication Option Electives	Prerequisites
1	EEE 507:Energy Management & Environmental Protection	
2.	EEE 510:Simulation & Modelling	EEE 202
3.	EEE 513:Distributed Systems	EEE 207
4.	EEE 514:Web Design and Electronic Commerce	EEE 202
5.	EEE 515:Analogue Filters	EEE 307 EEE 410
6.	EEE 516:State Space Design and Digital Control	EEE 311
7.	EEE 517:Analogue Electronics Design	EEE 403
8.	EEE 518:Digital Image Processing	EEE 305 EEE 410

9.	EEE 519:Radio Frequency Circuit Design	EEE 400
10.	EEE 520:Real Time Systems	
11.	EEE 521:Decision Support Systems	
12.	EEE 522:Artificial Intelligence and Expert Systems	EEE 202
13.	EEE 523:Nonlinear and Multivariable control	EEE 310 EEE 311
14.	EEE 524:Advanced Object Oriented Programming	EEE 202
15.	EEE526:Electronic Computer Aided Design and Manufacturing Techniques	EEE 210 EEE 406
16.	EEE 532:Human Computer Interaction	EEE 202
17.	EEE 533:Electronic Circuits and Systems	EEE 306 EEE 308
18.	EEE 535:Illumination Engineering	ECU 101 ECU 103
19.	EEE 536:Optimization and Control	EEE 310 EEE 407
20.	EEE 537:Embedded Systems Design	EEE 306 EEE 406
21.	EEE 540:Fuzzy Logic and Neural Networks	EEE 310 EEE 311
22.	EE542:Safety Engineering	EEE 213
23.	EEE 543:Reliability Engineering	ECU 201
24.	EEE 550:Distributed Objects	EEE 202
25.	EEE 551:Television Engineering	EEE 400 EEE 401
26.	EEE 553:Radio Communication Engineering	EEE 509
27.	EEE 556:Programmable Logic Controllers	EEE 305 EEE 406

Fifth Year of Study (Computer Engineering Option)

SN	Unit Code and Unit Title	Sem2	Sem1
1.	Electives IX	+	
2.	Electives X	+	

SN	Course Title	Sem1	Sem2	Prerequisites
1.	EEE 500:Engineering Project II		+	EEE 408
2.	EEE 512:Digital Signal Processing		+	EEE 410 EEE 402
3.	EEE 531:Cryptography & Network Security		+	EEE 305
4.	EEE 546:Information Theory & Coding		+	EEE 401
5.	EEE 555:Computer Graphics & Multimedia Applications		+	EEE 202
6.	EEE 557:Neural Networks		+	EEE 202
7.	ELECTIVES XI		+	
8.	ELECTIVES XII		+	

	Computer Engineering Option Electives	Prerequisites
1.	EEE 507:Energy Management & Environmental Protection	
2.	EEE 510:Simulation and Modeling	EEE 202 & Engineering Mathematics
3.	EEE 513:Distributed Systems	EEE 207
4.	EEE 514:Web Design and Electronic Commerce	EEE 202
5.	EEE 518:Digital Image Processing	EEE 305 EEE 410
6.	EEE 519:Radio Frequency Circuit Design	EEE 400
7.	EEE 520:Real Time Systems	
8.	EEE 521:Decision Support Systems	
9.	EEE 524:Advanced Object Oriented Programming	EEE 202
10.	EEE 526:Electronic Computer Aided Design and Manufacturing Techniques	EEE 210 EEE 406
11.	EEE 527:Internet Application programming	EEE 202
12.	EEE 528:Programmable Devices	EEE 306
13.	EEE 529:Fiber-Optic Communications	EEE 400 EEE 401
14.	EEE 530:Virtual Reality Modeling Systems	
15.	EEE 532:Human Computer Interaction	EEE 202
16.	EEE 533:Electronic Circuits and Systems	EEE 306 EEE 308
17.	EEE 537:Embedded Systems Design	EEE 306 EEE 406
18.	EEE 542:Safety Engineering	EEE 213
19.	EEE 543:Reliability Engineering	ECU 201
20.	EEE551:TeleVision Engineering	EEE 400 EEE 401
21.	EEE 559:Data Structures & Algorithm	EEE 102 EEE 202

B. Sc. Biomedical Engineering

First Year of Study

First Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	UCU 100	Communication skills	None	35
2.	UCU 101	Development Studies	None	35
3.	ECU 100	Chemistry for Engineers I	None	56
4.	ECU 101	Physics For Engineers I	None	56
5.	ECU 109	Fundamental of Computing	None	56
6.	ECU 104	Engineering Mathematics I	None	48

7.	ECU 105	Engineering Mathematics II	None	48
8.	EEE 100	Engineering Drawing I	None	56
		Total		390

Second Semester

SN	Code	Title	Prerequisite	Contact Hours
1.	UCU 103	Introduction to Creative and Critical Thinking	None	35
2.	ECU 102	Chemistry for Engineers II	ECU 100	56
3.	ECU 103	Physics For Engineers II	ECU 101	56
4.	ECU 106	Engineering Mathematics III	ECU 105	48
5.	ECU 107	Engineering Mathematics IV	ECU 105	48
6.	ECU 108	Introduction to the Engineering Profession	None	48
7.	EEE101	Engineering Drawing II	EEE 100	56
8.	EEE 102	Computer Programming I	ECU 109	56
To- tal				403

Second year of Study

First Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	ECU 200	Engineering Mathematics V	ECU 107	48
2.	ECU 201	Engineering Mathematics VI	ECU 105	48
3.	EBM 200	Biomaterials	ECU 102	56
4.	EEE 201	Thermodynamics	ECU 104	56
5.	EEE 202	Computer Programming II	EEE 102	56
6.	EEE 203	Circuit Theory I	ECU 103	56
7.	EEE 205	Physical Electronics	ECU 100	56
8.	EEE 212	Mechanics of Machines	ECU 101	56
		Total		432

Second Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	ECU 202	Engineering Mathematics VII	ECU 200	48
2.	ECU 203	Engineering Mathematics VIII	ECU 200	48
3.	EEE 204	Circuit Theory II	EEE 203	56
4.	EEE 206	Electrical Machines I	EEE 204	56

5.	EEE207	Database Management Systems	ECU 109	56
6.	EEE 208	Electrical Measurements	EEE 203	56
7.	EEE 209	Fluid Mechanics	ECU 102	56
8.	EEE 210	AutoCAD	ECU 109	56
		Total		432

EBM 213 Workshop Practice (12 Weeks) (Prerequisite - None)

Third year of Study

First Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	EBM 300	Foundations of Human Biology	None	56
2.	EBM 301	Properties of Biomaterials	EBM 200	56
3.	EBM 302	Basics of Medical Biochemistry	ECU 102	56
4.	ECU 300	Engineering Mathematics IX	ECU 200	48
5.	ECU 302	Innovation & Entrepreneurship for Engineers	None	48
6.	EEE 305	Digital Electronics I	EEE 207	56
7.	EEE 308	Analogue Electronics I	EEE 203	56
8.	EEE310	Control Systems I	ECU 105	56
		total		432

Second Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	EBM 304	Human Anatomy and Biology for Biomedical Engineers	EBM 300	56
2.	EBM 305	Special Topics in Biochemistry	EBM 302	56
3.	ECU 301	Engineering Mathematics X	ECU 200	48
4.	EEE 303	Power Systems I	EEE 204	56
5.	EEE 306	Digital Electronics II	EEE 305	56
6.	EEE 307	Network Analysis and Synthesis	EEE 204	56
7.	EEE 309	Analogue Electronics II	EEE 308	56
8.	EEE 302	Electromagnetic Field	EEE 207	56
				440

ECU 303: Industrial Practical Attachment I (12 weeks)

(Prerequisite EEE 213: Practical Attachment – Internal)

EBM 306 Log Book Assignment (BME Comprehensive II)

Fourth Year of Study

First Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	EBM 402	Medical Anatomy and Physiology for Biomedical Engineers I	EBM 304	56
2.	ECU 401	Project Management	none	48
3.	EEE 400	Communication Systems	EEE 307	56
4.	EEE 402	Complex Analysis for Engineers	ECU 105	48
5.	EEE403	Analogue Electronics III	EEE 309	56
6.	EEE 405	Power Electronics	EEE 309	56
7.	EEE 406	Microprocessor Systems and Applications	EEE 306	56
8.	EEE 410	Signals and Systems	Engineering Mathematics	56
				432

Second Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	EBM 403	Biomechanics 1	EEE 212 EBM 304	56
2.	EBM 404	Biomedical Engineering Project I	None	56
3.	EBM 405	Biomedical Instrumentation I	EEE 306	56
4.	EBM 406	Hospital Engineering Management	ECU 401	56
5.	EBM 407	Machine Design	None	56
6.	ECU 400	Research Methodology	ECU 302	48
7.	ECU 402	Engineering Economics	ECU 302	48
8.	EEE 407	Operational Research	None	56
		Total		432

ECU403 Industrial Practical Attachment II (12 weeks)

(Prerequisite-ECU 303: Industrial Practical Attachment I)

EBM 408 Log Book Assignment (BME Comprehensive Assignment II)**Fifth Year of Study****First Semester**

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	ECU 500	Engineering Practice and Ethics	ECU 403	56
2.	EBM 500	Biomedical Engineering Project II	EBM 404	56
3.	EBM 501	Biomedical Instrumentation II	EBM 405	56
4.	EBM 502	Introduction to Bioinformatics	EEE 202	56

5.	EBM 503	Digital Imaging Processing	EEE 305	56
6.	EBM 504	Biosensors	EEE 306	56
7.	EBM 505	Medical Anatomy and Physiology for Biomedical Engineers II	EBM 402	56
8.	EBM506	Biomechanics II	EBM 403	56
		Total		448

Second Semester

SN	Unit Code	Title	Prerequisite	Contact Hours
1.	EBM 507	Biomechanics III	EBM 403	56
2.	EBM 508	Industrial & Hospital Management	EBM 406	56
3.	EBM 509	Biomedical Equipment Design & Manufacturing Techniques	EEE 210	56
4.	EBM 510	Electric Motor Drive Systems	EEE 212	56
5.	EBM 511	Biomedical Instrumentations III	EBM 405	56
6.	EBM 500	Biomedical Engineering Project II	EBM 404	56
7.	EBM 512	Basics of Human Pathology	EBM 402	56
8.	EBM 513	Elective Research Project	EBM 404	56
		Total		448

7.5 Department of Energy Technology

Bachelor of Science (Energy Technology)

The program shall cover a minimum of four academic years. Throughout the course of study, a candidate is required to take 14 units in any given year of study except first year which has 15 units. A semester shall consist of 16 weeks and the teaching hours for technology oriented courses will be **42 hours**. During the first, second and third year, students will take some units from other departments. To qualify for the award of the degree, the candidate should have passed not less than 57 units plus the industrial attachment unit. To facilitate hands on practical experiences, Energy Technology students shall have a third semester in second and third years of study. During the second year third semester, the students will undertake a compulsory workshop Technology II while during the third year, they will undertake a compulsory industrial attachment.

A semester shall consist of sixteen (16) weeks two of which are for examination. The teaching hours for each practical unit shall be two hours lecture, one hour tutorial and three hours of laboratory work whereas the teaching hours for theoretical units shall be two hours lecture and two hours tutorial

Programme Structure

Level 100 Core Course					
SN	Code and Course Title	Sem 1	Sem 2	Sem 3	Prerequisites
1	SCH 100 Fundamentals of Inorganic Chemistry	+			
2	SCH 101 Introduction to Physical Chemistry		+		

3	SMA 103 Analytical Geometry	+			
4	SMA 104 Calculus I		+		
5	SPH 100 Mechanics I	+			
6	SPH 101 Electricity and Magnetism I		+		
7	TCU 100 Mathematics I	+			
8	TCU 101 Material Science	+			
9	TCU 102 Technical Drawing I	+			
10	TCU 104 Mathematics II		+		TCU 100
11	TCU 105 Technical Drawing II		+		TCU 102
12	TCU 106 Workshop Technology I		+		
13	UCU 100 Communication Skills	+			
14	UCU 101 Development Studies	+			
15	UCU 103 Introduction To Creative And Critical Thinking		+		
Level 200 Core Course					
SN	Code and Course Title	Sem 1	Sem 2	Sem 3	Prerequisites
1	SCH 102 Organic Chemistry	+			
2	TCU 200 Mathematics III	+			TCU 104
3	TCU 201 Probability and Statistics	+			
4	TCU 202 Thermodynamics I	+			SPH 100
5	TCU 203 Electrical Technology I	+			SPH 101
6	TCU 204 Computer Aided Drawing	+			TCU 105
7	TCU 205 Fluid Mechanics I	+			
8	TCU 206 Numerical Analysis		+		SMA 103
9	TCU 207 Computer Programming I		+		
10	TCU 209 Fluid Mechanics II		+		TCU 205
11	TCU 210 Solid and Structural Mechanics		+		
15	TCU 213 Workshop Technology II			+	
12	TET 208 Thermodynamics II		+		TCU 202
13	TET 211 Machine Elements		+		
14	TET 212 Electrical Technology II		+		TCU 203
Level 300 Core Course					
SN	Code and Course Title	Sem 1	Sem 2	Sem 3	
1	TCU 300 Computer Programming II	+			TCU 207
2	TCU 301 Innovation and Design	+			TCU 204
3	TCU 302 Project Management		+		
4	TCU 303 Entrepreneurship		+		
5	TCU 304 Industrial Practical Attachment			+	
6	TET 300 Engineering Electronics	+			TCU 212
7	TET 301 Refrigeration and Air Conditioning	+			TET 208

8	TET 302 Electric Power Systems and Applications	+			TET 212
9	TET 303 Bio-Energy Technologies	+			
10	TET 304 Heat and Mass Transfer	+			TET 208
11	TET 305 Metrology, Measurements, and Instrumentation		+		TET 300
12	TET 306 Systems Method And Control Engineering		+		
13	TET 307 Energy Storage Systems and Distribution		+		
14	TET 308 Solar Thermal Energy		+		TET 304
15	TET 309 Wind Energy Technology		+		
Level 400 Core Course					
SN	Code and Course Title	Sem 1	Sem 2	Sem 3	
1	EPM 421 Environmental Impact Assessment	+			
2	HEH 304 Occupational Health and Safety		+		
3	TCU 400 Project I/ Research Methods	+			
4	TCU 401 Project II		+		TCU 400
5	TET 401 Photovoltaic Technology	+			TET 308
6	TET 402 Geothermal Energy Technology	+			TET 208
7	TET 404 Hydropower Technology	+			
8	TET 405 Nuclear Energy Technology	+			
9	TET 406 Petroleum Technology	+			
10	TET 407 Energy Planning, Policy and Trading		+		
11	TET 408 Energy Management		+		
Level 400 Elective Courses (Minimum of 4 Electives)					
SN	Code and Course Title	Sem 1	Sem 2	Sem 3	
1	TET 409 Clean Coal Technologies		+		
2	TET 410 Solar Power Plants		+		TET 308
3	TET 411 Wind Farm Design		+		TET 403
4	TET 412 Biogas Plant Systems		+		TET 303
5	TET 413 Geothermal Reservoir Technology		+		TET 402

Master or Science (Renewable Energy Technology)

Duration and Pattern of the Course

Master of Science degrees in the Department Technology shall be by coursework, examination and thesis only.

The MSc (Renewable Energy Technology) program in the department shall extend over a minimum of eighteen months and a maximum of 36 months.

In the first year of study, students will take twelve (12) core units.

In the second year, students will concentrate on their research work and thesis.

Upon successful completion of the course and thesis, the candidate shall be awarded an M.Sc (Renewable Energy Technology) degree.

Programme Structure

Level 800 Core Course				
SN	Code and Course Title	Sem 1	Sem 2	Sem 3
1	SET 800 Research Methodology	+		
2	SET 801 Energy Management	+		
3	SET 802 Advanced Heat Transfer	+		
4	SET 803 Energy Resources and Utilization	+		
5	SET 810 Biomass Conversion	+		
6	SET 811 Energetics and Power Generation Systems	+		
7	SET 814 Solar Energy		+	
8	SET 817 Wind and Hydropower technologies		+	
9	SET 820 Energy Modelling		+	
10	SET 823 Energy for Sustainable Development		+	
11	SET 824 Environmental Engineering		+	
12	SET 825 Environmental Management Tools and Accounting		+	
13	SET 830 MSc. Thesis	+	+	+

Doctor of Philosophy (Renewable Energy Technology)

Level 900

SET 900: Thesis (By research work only in any specialization in Renewable Energy)

Programme Structure and Duration

Types of Course Units

Core Units

These are the compulsory units of the course which shall be offered during the first semester of the

First Year of Study.

Elective Units

Electives shall be offered during the second semester of the first year of study.

School Common Units (Compulsory)		Sem 1	Sem 2	Sem 3
SN				
1	ECU 900:Computational Methods for Data Analysis	+	+	
2	ECU 901:Philosophy of Engineering, Technology and Innovation	+	+	

3	ECU 902:Doctoral Seminar	+	+	
4	ECU 903:Optimization Theory and Applications	+	+	
Elective units (Any Three)				
1	TET 900:Advanced Energy Conversion	+	+	
2	TET 901:Biomass Conversion	+	+	
3	TET902:AdvancedStatisticalMethodsFor Renewable Systems Analysis	+	+	
4	TET 903:Wind Turbine Systems	+	+	
5	TET904:Advanced Solar Thermal And Photovoltaic Energy	+	+	
6	TET 905:Energy Economics And Management	+	+	
7	TET 906:Advanced Energy Conversion	+	+	
Year 2 and 3				
1	TET 907:Thesis	+	+	

7.6 Department of Gas & Petroleum Engineering

B.Sc (Petroleum Engineering)

Programme Duration and Structure

The programme is designed so that a student completes the degree in a period of five academic years. Throughout the course of study, the student is expected to take a minimum of 16 units in any given year of study. To facilitate hands on practical experiences, Petroleum engineering students shall have a third semester in second, third and fourth years in conformity with the requirements of the Engineering Board of Kenya (EBK). During the second year third semester, the students will undertake a compulsory practical attachment while during the third and fourth years, they will undertake compulsory industrial attachments.

A semester shall consist of sixteen (16) weeks two of which are for examination. *The teaching hours for each practical unit shall be two hours lecture, one hour tutorial and three hours of laboratory work, whereas the teaching hours for theoretical units shall be two hours lecture and two hours tutorial.*

The mode of delivery shall be face-to-face and on a full-time basis.

List of Units Across Semesters

SN	Level 100 – Unit Code and Title	Sem 1	Sem 2	Prerequisites
1.	ECU 100: Chemistry for Engineers I	+		
2.	ECU 101: Physics for Engineers I	+		
3.	ECU 102: Chemistry for Engineers II		+	ECU 100
4.	ECU 103: Physics for Engineers II		+	ECU 101
5.	ECU 104: Engineering Mathematics I	+		
6.	ECU 105: Engineering Mathematics II	+		
7.	ECU 106: Engineering Mathematics III		+	ECU 105
8.	ECU 107: Engineering Mathematics IV		+	ECU 105
9.	ECU 108: Introduction to Engineering Profession		+	

10.	ECU 109: Fundamentals of Computing	+		
11.	EPL 100: Engineering Material Science	+		
12.	EPL 101: Engineering Drawing I		+	
13.	EPL 102: Computer Programming I		+	ECU 105
14.	UCU 100: Communication Skills	+		
15.	UCU 101: Development Studies	+		
16.	UCU 103: Introduction to Creative and Critical Thinking		+	
SN.	Level 200 – Unit Code and Title	Sem 1	Sem 2	
1.	ECU 200: Engineering Mathematics V	+		ECU 107
2.	ECU 201: Engineering Mathematics VI	+		ECU 105
3.	ECU 202: Engineering Mathematics VII		+	ECU 200
4.	ECU 203: Engineering Mathematics VIII		+	ECU 200
5.	EPL 208: Electrical Engineering		+	ECU 103
6.	EPL 200: Organic Chemistry for Petroleum Engineers	+		ECU 102
7.	EPL 201: Engineering Drawing II	+		EPL 101
8.	EPL 202: Fluid Mechanics I	+		ECU 103
9.	EPL 203: Engineering Thermodynamics I	+		ECU 103
10.	EPL 204: Fundamentals of Petroleum Engineering	+		
11.	EPL 205: Computer Programming II	+		EPL 102
12.	EPL 206: Fluid Mechanics II		+	EPL 202
13.	EPL 207: Engineering Thermodynamics II		+	EPL 203
14.	EPL 209: Fundamentals of Engineering Geology		+	ECU 103
15.	EPL 210: Engineering Mechanics		+	ECU 101
16.	EPL 211: Fundamentals of Drilling Practices		+	EPL 209
17.	EPL 212: Practical Attachment – Internal workshop practical (12 weeks)		+	
SN	Level 300 – Unit Code and Title	Sem 1	Sem 2	
1.	ECU 300: Engineering Mathematics IX	+		ECU 200
2.	ECU 301: Engineering Mathematics X		+	
3.	ECU 302: Innovation and Entrepreneurship for Engineers		+	
4.	ECU 303: Industrial Practical Attachment I (12 Weeks)		+	EPL 212
5.	EPL 300: Solid and Structural Mechanics I	+		EPL 210
6.	EPL 301: Drilling Engineering I	+		EPL 211
7.	EPL 302: Reservoir Engineering I	+		EPL 206 EPL 209
8.	EPL 303: Chemical Thermodynamics	+		EPL 207
9.	EPL 304: Natural Gas Engineering I	+		EPL 206

10.	EPL 305: Geological Survey	+		EPL 209 EPL 209
11.	EPL 306: Petroleum Geology	+		ECU 103 ECU 204
12.	EPL 307: Solid and Structural Mechanics II		+	EPL 300
13.	EPL 308: Drilling Engineering II		+	EPL 301
14.	EPL 309: Reservoir Engineering II		+	EPL 206 EPL 209 EPL 302
15.	EPL 310: Petroleum Production Engineering I		+	EPL 302
15.	EPL 311: Engineering Electronics		+	EPL 208
16.	EPL 312: Heat & Mass Transfer		+	EPL 303
SN	Level 400 – Unit Code and Title	Sem 1	Sem 2	
1.	ECU 400: Research Methodology	+		UCU 100 ECU 302
2.	ECU 401: Project Management	+		
3.	ECU 402: Engineering Economics		+	ECU 302 ECU 303
4.	ECU 403: Industrial Practical Attachment II (12 Weeks)		+	ECU 303
5.	EPL 400: Petroleum Production Engineering II	+		EPL 310
6.	EPL 401: Well Construction and Completion Design	+		EPL 308
7.	EPL 402: Engineering Design	+		EPL 101
8.	EPL 403: Measurement and Instrumentation	+		EPL 311
9.	EPL 404: Petroleum Transportation	+		EPL 206
10.	EPL 405: Energy and Environment	+		EPL 207
11.	EPL 406: Well Log Analysis & Well Testing		+	EPL 209 EPL 309
12.	EPL 407: Control Engineering I		+	EPL 210
13.	EPL 408: Engineering Operations Research		+	ECU 400
14.	EPL 409: Petroleum Plant Management		+	EPL 310 EPL 400
15.	EPL 410: Petroleum Chemistry & Corrosion Engineering		+	EPL 309
16.	EPL 411: Natural Gas Engineering II		+	EPL 206 EPL 207 EPL 304

17.	EPL 412: Liquefied Natural Gas (LNG) Production & Handling		+	EPL 311
SN	Level 500 – Unit Code and Title	Sem 1	Sem 2	
1.	ECU 500: Engineering Practice and Ethics	+		ECU 400 ECU 401 ECU 403
2.	EPL 500(P):Petroleum Engineering Project Design I & II	+	+	EPL 500(P)1
3.	EPL 501: Petroleum Economics & Business Practices	+		
4.	EPL 502: Depot Operations & Management	+		EPL 409
5.	EPL 503: Geostatic & Reservoir Modeling	+		EPL 302 EPL 309
6.	EPL 504: Well & Reservoir Simulation	+		EPL 309 ECU 301
7.	EPL 505: Robotics & Automation	+		EPL 210
8.	EPL 506: Systems reliability & Plant Maintenance	+		ECU 201
9.	EPL 508: Petroleum Health & Safety Management Systems		+	EPL 405
10.	EPL 509: Strategic Energy Issues		+	EPL 207
11.	EPL 510: Control Engineering II		+	EPL 407
12.	EPL 511: Artificial Lift Methods		+	EPL 400
13.	EPL 512: Principles of Enhanced Oil Recovery		+	EPL 309
14.	EPL 513: Petroleum Marketing & Regional Supply Chain		+	EPL 501

7.7 Department of Mechanical Engineering

Bachelor of Science (Mechanical Engineering)

Program Duration and Structure

The Bachelor of Science (Mechanical Engineering) shall consider of coursework lab work, attachment and projects.

The programme is designed so that a student completes the degree in a period of five academic years. Throughout the course of study, the student is expected to take a minimum of 16 units in any given year of study. To qualify for the award of the degree, the candidate should have taken a minimum of 80 units. To facilitate hands on practical experiences, Aerospace engineering students will have a third semester in second, third and fourth years in conformity with the requirements of the Engineering Board of Kenya (EBK). During the second year third semester, the students will undertake a compulsory practical attachment while during the third and fourth years, they will undertake compulsory industrial attachments. A semester shall consist of sixteen (16) weeks two of which are for examination. *The teaching hours for each practical unit shall be two hours lecture, one hour tutorial and three hours of laboratory work whereas the teaching hours for theoretical units shall be two hours lecture and two hours tutorial.*

List of units across semester

	Level 100			
SN	Code Course and Title	Sem 1	Sem 2	Prerequisites
1.	ECU 100:Chemistry for Engineers I	+		
2.	ECU 101:Physics for Engineers I	+		
3.	ECU 104:Engineering Mathematics I	+		
4.	ECU 105:Engineering Mathematics II	+		
5.	EMM100:Engineering Drawing and Design I	+		
6.	EMM102:Introduction to Material Science	+		
7.	UCU 100:Communication Skills	+		
8.	UCU 101:Development Studies	+		
	Level 100			
SN	Code Course Title	Sem 1	Sem 2	
1.	ECU 102:Chemistry for Engineers II		+	ECU 100
2.	ECU 103:Physics for Engineers II		+	ECU 101
3.	ECU 106:Engineering Mathematics III		+	ECU 104
4.	ECU 107:Engineering Mathematics IV		+	ECU 105
5.	EMM101:Engineering Drawing and Design II		+	EMM 100
6.	EMM107:Engineering Materials		+	EMM 102
7.	EMM108:Workshop Processes and Practices		+	
8.	UCU 103:Introduction to Creative and Critical Thinking		+	

	Level 200			
SN	Code Course Title	Sem 1	Sem 2	
1.	ECU 200:Engineering Mathematics V	+		ECU 106
2.	ECU 201:Engineering Mathematics VI	+		ECU 107
3.	EMM 201:Computer Programming	+		
4.	EMM 203:Engineering Thermodynamics I	+		
5.	EMM 204:Fluid Mechanics I	+		
7.	EMM 206:Workshop Processes and Practice I	+		
8.	EMM 209:Electrical Engineering I	+		
	Level 200			
SN	Code Course and Title	Sem 1	Sem 2	
1.	ECU 202:Engineering Mathematics VII	+		ECU 200
2.	ECU 203:Engineering Mathematics VIII	+		ECU 201
3.	EMM 200:Computer Aided Engineering Drawing		+	EMM 101
4.	EMM 205:Fluid Mechanics II		+	EMM 204
5.	EMM 211:Engineering Mechanics II		+	EMM 210
6.	EMM 214:Electrical Engineering II		+	EMM 209
7.	EMM 216:Workshop Practice and Processes III		+	EMM 212
8.	EMM 217:Principles of Engineering Design		+	

	Level 300			
SN	Code and Course Title	Sem 1	Sem 2	
1.	ECU 300:Engineering Mathematics IX	+		ECU 203
2.	EMM 301:Mechanics of Machines I	+		EMM 211
3.	EMM 302:Solid and Structural Mechanics I	+		EMM 210
4.	EMM 305:Metrology	+		ECU 103
6.	EMM 308:Computer Programming II	+		EMM 201
7.	EMM 312:Fluid Mechanics III	+		EMM 205
8.	EMM 314:Manufacturing Work Study	+		
5.	EMM307:Engineering Thermodynamics II	+		EMM 203
	Level 300			
SN	Code Course Title	Sem 1	Sem 2	
1.	ECU 301:Engineering Mathematics X		+	ECU 300
2.	ECU 302:Innovation and Entrepreneurship for Engineers		+	EMM 217
3.	EMM 300:Engineering Electronics		+	EMM 214
4.	EMM 303:Solid And Structural Mechanics II		+	EMM 302
5.	EMM 311:Mechanics of Machines II		+	EMM 301
6.	EMM 313:Measurements and Instrumentation		+	EMM 305
7.	EMM 315:Material Forming Processes		+	
8.	EMM 317:Design of Machines and Machine Elements		+	

	Level 400			
SN	Code Course Title	Sem 1	Sem 2	
1.	ECU 400:Research Methodology	+		
2.	ECU 401:Project Management	+		
3.	EMM 400:Fluid Mechanics IV	+		EMM 312
4.	EMM 402:Mechanics of Machines III	+		EMM 311
5.	EMM 407:Heat Transfer	+		EMM 307
6.	EMM 408:Refrigeration and Air Conditioning	+		
7.	EMM 409:Manufacturing Processes I	+		
8.	EMM 419:Mechanical Vibrations	+		EMM 311
	Level 300			
SN	Code and Course Title	Sem 1	Sem 2	
1.	EMM 403:Solid and Structural Mechanics III		+	EMM 303
2.	EMM 404:Engineering Thermodynamics III		+	EMM 307
3.	EMM 410 :Manufacturing Processes II		+	EMM 409
4.	EMM 412:Engineering Project I		+	
5.	EMM 413:Operations Research		+	
6.	EMM 414:Industrial Ergonomics		+	
7.	EMM 416:Control Engineering I		+	EMM 311

8.	EMM 420:Simulation and Modeling		+	
9	EMM 421: Industrial Practical Attachment II (12 Weeks)			

	Level 500			
SN	Code Course Title	Sem 1	Sem 2	
1.	ECU 500:Engineering Practice and Ethics	+		
2.	EMM500:Systems Reliability Engineering and Plant Maintenance	+		
3.	EMM 502:Quality Management	+		
4.	EMM 503:Production Planning and Control	+		
5.	EMM 504:Theory of Production Processes	+		
6.	EMM 505:Manufacturing Systems Design	+		
7.	EMM 506:Manufacturing Management	+		
8.	EMM 507:Plant Facilities Design	+		
	Level 500			
SN	Code Course and Title	Sem 1	Sem 2	
1.	EMM 508:Flexible Manufacturing Systems		+	EMM 500
2.	EMM 509:Robotics and Automation		+	EMM 416
3.	EMM 510:Engineering Project II		+	EMM 412
4.	EMM 511:Computer Aided Design and Manufacturing		+	EMM 217
5.	EMM 512:Manufacturing and Resource Management		+	EMM 506
6.	EMM 513:Jig, Tool and Fixture Design		+	EMM 504
7.	EMM 514:Control Engineering II		+	EMM 416

Bachelor of Science (Aerospace Engineering)

Program Duration and Structure

The programme is designed so that a student completes the degree in a period of five academic years. Throughout the course of study, the student is expected to take a minimum of 16 units in any given year of study. To qualify for the award of the degree, the candidate should have taken a minimum of 80 units. To facilitate hands on practical experiences, Aerospace engineering students will have a third semester in second, third and fourth years in conformity with the requirements of the Engineering Board of Kenya (EBK). During the second year third semester, the students will undertake a compulsory practical attachment while during the third and fourth years, they will undertake compulsory industrial attachments. A semester shall consist of sixteen (16) weeks two of which are for examination. *The teaching hours for each practical unit shall be two hours lecture, one hour tutorial and three hours of laboratory work whereas the teaching hours for theoretical units shall be two hours lecture and two hours tutorial.*

List of units across semester

	Level 100			
	Code Course Title	Sem 1	Sem 2	Prerequisites
1.	EAR 100:Aerospace Engineering Drawing and Design I	+		

2.	EAR 101:Material Science	+		
3.	ECU 100:Chemistry for Engineers I	+		
4.	ECU 101:Physics for Engineers I	+		
5.	ECU 104:Engineering Mathematics I	+		
6.	ECU 105:Engineering Mathematics II	+		
7.	UCU 100:Communication Skills	+		
8.	UCU 103:Introduction to Creative and Critical Thinking	+		
Sem 2				
1.	EAR 102:Workshop Practice and Processes I		+	
2.	EAR 103:Engineering Materials		+	EAR 101
3.	EAR 104:Aerospace Engineering Drawing & Design II		+	EAR 100
4.	EAR 105:Computer Programming I		+	
5.	ECU 102:Chemistry for Engineers II		+	ECU 100
6.	ECU 103:Physics for Engineers II		+	ECU 101
7.	ECU 106:Engineering Mathematics III		+	ECU 104
8.	ECU 107:Engineering Mathematics IV		+	ECU 105

Level 200				
SN	Code and Course Title	Sem 1	Sem 2	Prerequisites
1.	EAR 200:Engineering Mechanics I	+		ECU 103
2.	EAR 201:Aerospace Engineering Drawing & Design (CAD) III	+		EAR 104
3.	EAR 202:Fluid Mechanics I	+		ECU 101
4.	EAR 203:Thermodynamics I	+		
5.	EAR 204:Electrical Engineering Principles I	+		
6.	EAR 205:Workshop Practice and Processes II	+		EAR 102
7.	ECU 200:Engineering Mathematics V	+		ECU 106
8.	ECU 201:Engineering Mathematics VI	+		ECU 107
SN	Code and Course Title	Sem 1	Sem 2	
1.	EAR 206:Solid and Structural Mechanics		+	
2.	EAR 207:Engineering Design		+	
3.	EAR 208 :Workshop Practice and Processes III		+	EAR 205
4.	EAR 209:Thermodynamics II		+	EAR 203
5.	EAR 210:Engineering Mechanics II		+	EAR 200
6.	EAR 211:Electrical Engineering Principles II		+	EAR 204
7.	ECU 202:Engineering Mathematics VII		+	
8.	ECU 203:Engineering Mathematics VIII		+	

Level 300				
SN	Code Course Title	Sem 1	Sem 2	Prerequisites
1.	EAR 300:Aerospace Structures I	+		
2.	EAR 301:Fluid Mechanics II	+		EAR 202

3.	EAR 302:Computer Programming II	+		EAR 105
4.	EAR 303:Measurement and Instrumentation Systems	+		
5.	EAR 304:Thermodynamics III	+		EAR 209
6.	EAR 305:Aerodynamics I	+		
7.	EAR 306:Design of Machines & Machine Elements	+		
8.	ECU 300:Engineering Mathematics IX	+		ECU 203
SN	Code Course Title	Sem 1	Sem 2	
1.	EAR 308:Control systems I		+	
2.	EAR 309:Aerodynamics II		+	EAR 305
3.	EAR 310:Flight Mechanics		+	
4.	EAR 311:Fluid Mechanics III		+	EAR 301
5.	EAR 312:Aerospace Structures II		+	EAR 300
6.	EAR 313:Digital Electronics		+	EAR 211
7.	ECU 301:Engineering Mathematics X	+		ECU 300
8.	ECU 302:Innovation and entrepreneurship for engineers		+	EAR 207
EAR 314:Industrial Practical Attachment I (12weeks)				

Level 400				
SN	Code Course Title	Sem 1	Sem 2	
1.	EAR 400:Propulsion	+		
2.	EAR 401:Orbit and Space Mechanics	+		
3.	EAR 402:Control systems II	+		EAR 308
4.	EAR 403:Avionics	+		
5.	EAR 404:Aircraft Structure and Design I	+		
6.	EAR 405:Telecommunications			
7.	ECU 400:Research Methodology	+		
8.	ECU 401Project Management	+		
SN	Code Course Title	Sem 1	Sem 2	
1	EAR 406:Modeling and Simulation	+		
2.	EAR 407:Gas Dynamics and Propulsion		+	
3.	EAR 408:Computational Fluid Dynamics		+	EAR 311
4.	EAR 409:Aircraft Structure Design II		+	EAR 404
5.	EAR 410:Aerospace Vibration and Control		+	EAR 307
6.	EAR 411:Vehicle System Design		+	EAR 207
7.	EAR 412:Guidance and Navigation System		+	
8.	EAR 413:Aerospace Engineering Project I		+	
EAR 414:Industrial Practical Attachment II (12 Weeks)				

	Level 500			
SN	Code Course Title	Sem 1	Sem 2	
1.	EAR 501:Aircraft & Spacecraft Flight Dynamics	+		
2.	EAR 502:CAD/CAM	+		EAR 402
3.	EAR 503:Refrigeration and Air Conditioning	+		EAR 304
4.	EAR 504:Radar and Satellite systems	+		
5.	EAR 505:Rotary Wing Aircraft aeromechanics	+		
6.	EAR 506:Aircraft Vibration and Aero elasticity	+		EAR 307
7.	EAR 507:Spacecraft Design	+		
8.	ECU 500:Engineering Practice and Ethics	+		
SN	Code Course Title	Sem 1	Sem 2	
1.	EAR 508:Aerospace Engineering Project II		+	EAR 413
2.	EAR 509:Aerospace Materials and Manufacturing		+	EAR 103
3.	EAR 510:Aircraft system design		+	EAR 507
4.	EAR 511:Manufacturing Processes		+	
5.	EAR 512:Aircraft Manufacturing Technology		+	
6.	EAR 513:Aerospace Law, Safety and Management		+	
7.	EAR 514:Aircraft and spacecraft maintenance		+	

8. SCHOOL OF ENVIRONMENTAL STUDIES

8.1 Department of Environmental Science and Education

Bachelor of Science (Environmental Education)

Programme Structure and Duration:

The Bachelor of Science (Environmental Education) programme shall consist of coursework, examination, practicum/attachment and a research project. The programme shall take a minimum period of four academic years. In the first academic year (Level 100), a candidate shall be required to take 14 units. In the second academic year (Level 200), a candidate shall be required to take 13 units. In the third academic year (Level 300), a candidate shall be required to take 13 units inclusive of practicum/field attachment. In the fourth academic year (Level 400), a candidate shall be required to take 13 units inclusive of research project which is equivalent to 2 units. *The contact hours is 35 per unit.*

SN	Level 100 - Unit Code and Title	Sem1	Sem2
1	ECD 110: Environmental Innovations and Technologies		+
2	EED 100: Principles of Environmental Education	+	
3	EED 101: Philosophy of Environmental Education	+	
4	EED 102: Formal Environmental Education		+
5	EED 105: Environmental Values and Ethics		+
6	EED 108: Environment, Society and Development	+	

7	EED 109: Environmental Interpretation		+
8	EED 110: Sociology of Environmental Conservation		+
9	ENS 132: Environmental Biology	+	
10	ENS 135: Introduction to Earth Sciences		+
11	EPM 111: Principles of Environmental Planning and Management	+	
12	UCU 100: Communication Skills	+	
13	UCU 103: Introduction to Critical and Creative Thinking	+	
14	UCU 106: Diversity, Ethics and Citizenship		+

SN	Level 200 - Unit Code and Title	Sem1	Sem2
1	ECD 211: Introduction to Geo-Spatial Techniques	+	
2	ECD 213: Environment & Community Leadership	+	
3	EED 200: Theories of Environmental Education	+	
4	EED 202: Psychology for Environmental Management		+
5	EED 203: Education for Sustainable Development	+	
6	EED 210: Animal Welfare Education		+
7	EED 213: Participatory Environmental Management		+
8	EED 219: Childhood Environmental Education		+
9	EED 220: Non-formal Environmental Education	+	
10	EED 222: Environmental Knowledge Systems		+
11	EED 223: Laboratory Techniques	+	
12	EED205:Information Technology in Environmental Education		+
13	ENS 230: Principles of Ecology	+	

SN	Level 300 – Unit Code and Title	Sem1	Sem2
	Core Units		
1	EED 300: Environmental Education Processes	+	
2	EED 306: Practicum		+
3	EED 320: Re-settlement Action Plan and Development	+	
4	EED 325: Environmental Networking	+	
5	EED 326: Adult Learning		+
5	EED 327: Principles of Curriculum Development	+	
6	ESU 300: Environmental Impact Assessment and Audit	+	
7	ESU 301: Environmental Policy & Law		+
8	ESU 302: Statistics		+
9	ESU 303: Project Planning, Management and Evaluation		+
10	ESU 304: Research Methodology	+	
11	ESU 305: Environmental Economics		+
	Electives: Choose One Unit:		
13	ECD 315: Energy Resources and Community Development		+

14	ECD 318: Participatory Community Development & Capacity Building		+
15	EPM341: Development Control in Environmental Planning and Management	+	
16	ERC 304: Agroforestry Systems and Practices	+	
SN	Level 400 – Unit Code and Title	Sem1	Sem2
	Core Units		
1	EED 406: Eco-Theology and Sustainable Development		+
2	EED 420: Environmental Quality Management Systems		+
3	EED 423: Climate Change Education		+
4	EED 427: Ecological Footprint	+	
5	EED 428: Environmental Extension and Education	+	
6	EED 429: Invasive and Alien Species	+	
7	EED 430: Water Resource Education	+	
8	EED 431: Biodiversity Conservation Education		+
9	EED 433: Research Project (2 units)	+	+
10	EED 434: Instructional Resources and Design	+	
11	ESU 400: Environmental Conflict and Peace Building		+
	Electives (Choose One Unit)		
12	ECD 425: Environment and International Relations		+
13	ENS 436: Industrial Ecology & Cleaner Production	+	
14	ENS 457: Arid and Semi-Arid Lands Development		+
15	EPM 464: Disaster Management		+
16	ERC 402: Environment Programs Development	+	
17	HTM 474: Ecotourism Principles and Practices	+	

Bachelor of Education

In the first academic year, a candidate in the Bachelor of Education programme shall be required to take one (Level 100) unit from the Department of Environmental Education. *The contact hours is 35 per unit.*

SN	Level 100 - Unit Code and Title	Sem1	Sem2
	Core Unit for All B. Ed Options		
1	EEN 100: Introduction to Environmental Education	+	+

Master of Science (Environmental Education)

Programme Structure and Duration:

The Master of Science (Environmental Education) programme shall consist of coursework, examination, and thesis or project. The programme shall take a minimum period of two academic years. In the first academic year, a candidate shall be required to take 10 units. In the second academic year, a candidate for the thesis option shall be required to develop a proposal, carry out research and submit a thesis for ex-

amination. In the second academic year, a candidate in the project option shall be required to take 4 units, develop a proposal, carry out research and submit a report for examination. *The contact hours is 35 per unit.*

SN	Level 800-Unit Code and Title	Sem1	Sem2
	Core Units for Thesis and Project Options		
1	EED 800: Education for Sustainable Development	+	
2	EED 801: Environmental Change and Development		+
3	EED 802: Advanced Curriculum Development		+
4	EED 803: Environmental Decision Making		+
5	EED 805: Environmental Monitoring Evaluation	+	
6	EED 806: Instructional Methods	+	
7	ESU 800: Applied Statistics		+
8	ESU 801: Research Methods	+	
9	ESU 802: Environmental Impact Assessment and Audit	+	
10	ESU 803: Project Planning and Management		+
	Core Unit for Thesis Option		
11	EED 810: Thesis (Equivalent to 8 Units)	+	+
	Core Units for Project Option Only		

Master of Environmental Studies (Climate Change and Sustainability)

Programme Structure and Duration:

The Master of Environmental Studies (Climate Change and Sustainability) programme shall consist of coursework, examination, and thesis or project. The programme shall take a minimum period of two academic years. In the first academic year, a candidate shall be required to take 10 units. In the second academic year, a candidate for the thesis option shall be required to develop a proposal, carry out research and submit a thesis for examination. In the second academic year, a candidate for the project option shall be required to take 4 units, develop a proposal, carry out research and submit a report for examination. *The contact hours is 35 per unit.*

SN	Level 800-Unit Code and Title	Sem1	Sem2
	Core Units for Thesis and Project Options		
1	EED 801: Environmental Change and Development	+	
2	EED 822: Climate Change Management Tools	+	
3	EED 823: Climate Change Mitigation and Adaptation		+
4	ENS 801: Global Warming and Climate Change	+	
5	ESU 800: Applied Statistics		+
6	ESU 801: Research Methods		+
7	ESU 802: Environmental Impact Assessment and Audit	+	
8	ESU 803: Project Planning and Management		+
	Core Units for Project Option (Take all Units)		
	Electives for Thesis Option (Choose Two Units)		
9	ECD 811: Environmental Risks and Disaster Management		+

10	EED 824: Carbon Trading and Environmental Management		+
11	EED 825: Climate Change and Food Security	+	
12	EED 826: Climate Change, Resettlement and Development	+	
13	EED 827: Climate Change and Health	+	
14	EED 828: Climate Change Modelling		+
	Core Unit for Thesis Option		
15	EED 830: Thesis (Equivalent to 8 Units)	+	+
	Core Unit for Project Option		
16	EED 831: Project (Equivalent to 4 Units)	+	+

Master of Science (Sustainable Urban Development)

Programme Structure and Duration:

The Master of Science (Sustainable Urban Development) programme shall consist of coursework, examination and project. The programme shall take a minimum period of two academic years. In year 1, a candidate shall be required to take 10 units. In the second academic year, a candidate shall be required to take 4 units, develop a proposal, carry out an attachment research and submit a report for examination. *The contact hours is 35 per unit.*

SN	Level 800-Unit Code and Title	Sem1	Sem2
	Core Units		
1	EED 839: Community Project Development and Management		+
2	EED 840: Urbanization and Sustainable Development	+	
3	EED 841: Climate Change and Green Economy	+	
4	EED 842: Urban Governance and Ethics		+
5	EED 843: Sustainable Urban Entrepreneurship	+	
6	EED 844: Community Innovations for Development		+
7	EED 845: Cleaner Production	+	
8	EED 846: Internship and Seminars		+
9	EED 850: Research Project (Equivalent to 4 Units)	+	+
10	ESU 800: Applied Statistics		+
11	ESU 801: Research Methods	+	
12	ESU 802: Environmental Impact Assessment and Audit	+	
	Areas of Specialization		
	Option One: Urban Water and Sanitation (Choose 2 Units)		
1	EED 856: Water and Environmental Sanitation	+	
2	EED 857: Waste Water Treatment and Management		+
3	EED 858: Community WATSAN and Utilities Management	+	
	Option Two: Urban Food and Nutrition Security (Choose 2 Units)		
1	EED 861: Food Security, Nutrition and Safety	+	
2	EED 862: Household Food and Nutrition Security		+
3	EED 863: Sustainable Urban Farming Systems	+	

	Option Three: Renewable Energy in Urban Areas (Choose 2 Units)		
1	EED 866: Energy Systems in Urban Areas	+	
2	EED 867: Energy Resources, Utilization and Management		+
3	EED 868: Energy Economics, Policy and Environment	+	

Doctor of Philosophy in Environmental Studies (Environmental Education)

Programme Structure and Duration:

The Doctor of Philosophy in Environmental Studies (Environmental Education) programme shall consist of research thesis and examination. The programme shall take a minimum period of three academic years during which time a candidate shall develop a proposal, carry out research and write a thesis for examination. A candidate shall publish three articles in a recognised and refereed journal. *The contact hours is 35 per unit.*

Doctor of Philosophy in Environmental Studies (Climate Change and Sustainability)

Programme Structure and Duration:

The Doctor of Philosophy in Environmental Studies (Climate Change and Sustainability) programme shall consist of research thesis and examination. The programme shall take a minimum period of three academic years during which time a candidate shall develop a proposal, carry out research and write a thesis for examination. A candidate shall publish three articles in a recognised and refereed journal. *The contact hours is 35 per unit.*

Doctor of Philosophy (Sustainable Urban Development)

Programme Structure and Duration:

The Doctor of Philosophy (Sustainable Urban Development) programme shall consist of research thesis and examination. The programme shall take a minimum period of three academic years during which time a candidate shall develop a proposal, carry out research and write a thesis for examination. A candidate shall publish three articles in a recognised and refereed journal. *The contact hours is 35 per unit.*

Ph.D. Programmes

SN	Level 900-Unit Code and Title		
1	EED 900: Thesis	Areas of Specialization (Choose one): 1. Environmental Education. 2. Climate Change and Sustainability. 3. Sustainable Urban Development.	Minimum duration of 3 years

Bachelor of Environmental Sciences

Programme Structure and Duration

The Bachelor of Environmental of Environmental Science shall consist of course work, examination and individual project. It will take a minimum of FOUR years and in any one year, a candidate shall be required to take all the prescribed units.

In addition to the 3 University Common units, students in the first year of study (100 series) must take all the 7 core units and the remaining 3 units from other Environmental Programmes in the School of Environmental Studies.

In the second year of study (200 series), students shall be required to take 11 units from the Department and the remaining units from two other Environmental Programmes in the School of Environmental Studies.

In the third years of study (300 series), students shall take all the core units and 2 electives. In the fourth year of study (400 series) students shall take all core units and 3 electives. *The contact hours is 35 per unit.*

Total Number of units: 13:13:13:13 = 52

SN	Level 100	Sem 1	Sem 2
1	ECD 103: Fundamentals of Sustainable Community Development	+	
2	EED 105: Environmental Values and Ethics	+	
3	ENS 130: Environmental Physics		+
4	ENS 131: Environmental Chemistry	+	
5	ENS 132: Environmental Biology	+	
6	ENS 134: Technology, Development and Environment		+
7	ENS 135: Introduction to Earth Sciences		+
8	ENS 136: Principle of Environmental Science	+	
9	ENS 137: Mathematics for Environmental Science		+
10	EPM 111: Principles of Environmental Planning and Management	+	
11	UCU 100: Communication Skills	+	
12	UCU 101: Development Studies		+
13	UCU 103: Introduction to Critical and Creative Thinking 'or' UCU 104: Entrepreneurship		+
	Level 200		
1	ECD 211: Introduction to Geo-Spatial Techniques	+	
2	ENS 230: Environmental Ecology	+	
3	ENS 233: Fundamentals of Soil Science	+	
4	ENS 234: Environmental Genetics	+	
5	ENS 237: Human Population and Environment		+
6	ENS 240: Fundamentals of Energy Science		+
7	ENS 241: Biodiversity Conservation		+
8	ENS 242: Global Warming and Climate Change	+	
9	ENS 243: Environmental Microbiology		+
10	ENS 245: Environmental Hydrology		+

11	ENS 246: Forest Resource and Management		+
12	ERC 203: Culture and Environmental Conservation	+	
13	ERC 214: Introduction to Mineral Resources and Conservation	+	
	Level 300		
1	ENS 334: Attachment/Practicum	+	
2	ENS 331: Remote Sensing for Environmental Sciences		+
3	ENS 342: Environmental Health and Epidemiology		+
4	ENS 343: Water Pollution		+
5	ENS 344: Municipal Solid Waste Management	+	
6	ESU 300: Environmental Impact Assessment and Audit	+	
7	ESU 301: Environmental Policy and Law	+	
8	ESU 302: Statistics	+	
9	ESU 303: Project Planning and Management		+
10	ESU 304: Research Methods		+
11	ESU 305: Environmental Economics	+	
	Electives (take 2)		
12	AGE 306: Climatology		+
13	ENS 347: Energy Resources and Management Technologies	+	
14	HEH 304: Occupational Health and Safety		+
15	SMR 305: Wildlife Ecology and Management	+	

SN	Level 400	Sem 1	Sem 2
1	ENS 430: Research Project (2 units)	+	+
2	ENS 432: Environmental Modelling	+	
3	ENS 433: Environment and Biotechnology		+
4	ENS 436: Industrial Ecology and Cleaner Production		+
5	ENS 437: Land Degradation and Desertification		+
6	ENS 451: Geoinformatics		+
7	ENS 454: Mining and Sustainable Development	+	
8	ENS 456: Aquatic Ecology	+	
9	ESU 400: Environmental Conflict and Peace Building	+	
SN	Electives (Take 3)		
11	ENS 440: Environmental Risk and Hazard Management		
12	ENS 449: Coastal Marine Resources Management		+
13	ENS 457: Arid and Semi Arid Lands Development		+
14	KRM 406: Soil and Water Conservation	+	

Master of Environmental Science

Programme structure and duration

The Master of Environmental Science extends over a period of at least eighteen months, but not more

than 2 years.

In the first year of study, students will take at least ten units of which eight will be core and the remaining two electives must be chosen from one of the areas of specialisation offered by the Department. In the second year of study, students shall concentrate on their research work and submit a thesis. *The contact hours is 35 per unit.*

Year 1

SN.	Unit Code and Title	Sem 1	Sem 2
1	ENS 800: Environment and Development	+	
2	ENS 801: Global Warming and Climate Change		+
3	ENS 802: Nature and Biodiversity Conservation		+
4	ENS 807: Toxic Substances and Environmental Health	+	
5	ENS 808: Industrial Ecology and Sustainable Development	+	
6	ESU 800: Applied Statistics	+	
7	ESU 801: Advanced Research Methods		+
8	ESU 802: Environmental Impact Assessment and Auditing		+
	Electives (Students to select 2 units)		
9	ENS 803: Water Resources Management		+
10	ENS 804: Food Resources Production and Security	+	
11	ENS 805: Wildlife and Forest Resources Management		+
12	ENS 806: Mineral Resources and Sustainable Development		+
13	ENS 809: Energy Resources for Sustainable Development	+	

YEAR 2

1	ENS810: Master Thesis	

PhD Programme

	ESC 900: PhD Thesis	

Bachelor of Environmental Studies (Resource Conservation)

Programme Structure and Duration

The Bachelor of Environmental of Environmental Science shall consist of course work, examination and individual project. It will take a minimum of FOUR years and in any one year, a candidate shall be required to take all the prescribed units.

In addition to the 3 University Common units, students in the first year of study (100 series) must take all the 7 core units and the remaining 3 units from other Environmental Programmes in the School of Environmental Studies. In the second year of study (200 series), students shall be required to take 11 units from the Department and the remaining units from two other Environmental Programmes in the School of Environmental Studies.

In the third years of study (300 series), students shall take all the core units and 2 electives. In the fourth year of study (400 series) students shall take all core units and 3 electives.

13:13:13:13 = 52 units in total. *The contact hours is 35 per unit.*

SN	Level 100 - Unit code and Title	Sem 1	Sem 2
1	ECD 100: Foundations and Development of Environmentalism		+
2	EED 105: Environmental Values and Ethics	+	
3	ENS 132: Environmental Biology	+	
4	ENS 134: Technology, Development and Environment		+
5	ENS 137: Mathematics for Environmental Science		+
6	EPM 111: Principles of Environmental Planning and Management	+	
7	ERC 104: Principles of Biology		+
8	ERC 106: Physical Science for Natural Resources	+	
9	ERC 108: Natural Resource Utilisation and Management		+
10	ERC107: Introduction to Agro-Ecosystems and Natural Resources	+	
11	UCU 100: Communication Skills	+	
12	UCU 101: Development Studies 'or' UCU 104: Entrepreneurship		+
13	UCU 103: Introduction to Critical and Creative Thinking	+	
	Level 200		
1	ECD 211: Introduction to Geospatial Techniques	+	
2	EED 203: Education for Sustainable Development		+
3	ENS 230: Environmental Ecology	+	
4	ENS 233: Soil Habitat	+	
5	ENS 237: Human Population and Environment		+
6	ENS 241: Biodiversity Conservation		+
7	ENS 242: Global Warming and Climate Change	+	
8	ENS 246: Forestry Resource and Management		+
9	ERC 203: Culture and Environmental Conservation	+	
10	ERC 212: Introduction to Water and Marine Resources	+	
11	ERC 213 Introduction to Wildlife and Rangeland Resources		+
12	ERC 214: Introduction to Mineral Resources and Conservation		+
13	ERC 215: Natural Resource Mapping and Cartography		+
	Level 300		
1	ERC 304: Agroforestry Systems and Practices	+	
2	ERC 306: Practicum		+
3	ERC 309: Urban Forestry		+
4	ERC 316: Multiple Use Forest Management		+
5	ERC 321: Water and Marine Resources Management	+	
6	ESU 300: Environmental Impact Assessment and Audit	+	
7	ESU 301: Environmental Policy and Law	+	
8	ESU 302: Statistics	+	
9	ESU 303: Project Planning and Management		+
10	ESU 304: Research Methods		+

11	ESU 305: Environmental Economics	+	
	Elective (Choose two)		
13	ENS 331: Remote Sensing for Environmental Sciences	+	
14	ERC 302: Soil Fertility	+	
15	ERC 312: Environment Aesthetics		+
16	KST 303: Agro-Climatology and Meteorology		+
	Level 400		
1	EPM 464: Disaster Management (School Common Unit)	+	
2	ERC 402: Environment Programs Development	+	
3	ERC 404: Community Participation in Natural Resource Management	+	
4	ERC 405: Environmental Resource Accounting		+
5	ERC 406: Research Project (2 units)	+	+
6	ERC 407: Human Settlements and the Environment		
7	ERC 409: Non-Formal Environmental Education		+
8	ERC 410: Advocacy and Networking in Natural Resource Management		+
9	ESU 400: Environmental Conflict and Peace Building	+	
	Elective Units (Take 3)		
11	ENS 454: Mining and Sustainable Development	+	
12	ENS 457: Arid and Semi-Arid Lands Development		+
13	ERC 411: Biological Control and Environment		+
14	ERC 416: Wildlife Ecology and Management		+
15	KRM 406: Soil and Water Conservation	+	

Master of Environmental Studies (Agroforestry and Rural Development)

Programme Structure and Duration

The Master of environmental studies (Agroforestry and Rural Development) degree programme is by Course work, Examinations and Theses, extending over a period of at least eighteen months.

In the first year of study, students will take at least ten units, eight of which will be Core and two Electives. In the second year of study, students will carry out a field research and submit a thesis for examination.

Students will be required to attend seminars and present at least two critique papers in areas related to Agroforestry and rural Development. *The contact hours is 35 per unit.*

SN	Core Unit Code and Title	Sem 1	Sem 2
1	EFA 800: Advanced Agroforestry Systems and Practices	+	
2	EFA 801: Multipurpose Trees, Shrubs and Nursery Technology	+	
3	EFA 802: Community Participation in Natural Resources Management		+
4	EFA 805: Economics of Land and Water Resource Management	+	
5	EFA 806: Soil Management and Productivity in Agroforestry	+	
6	ESU 800: Statistics	+	
7	ESU 801: Research Methods		+

8	ESU 802: Environmental Impact Assessment and Auditing		+
	Electives (Take 2)		
9	EFA 803: Forest Resources and Development		+
10	EFA 804: Dryland Resources Management	+	
11	EFA 808: Crop Ecology and Cropping Systems		+
12	EFA 812: Modelling and Simulation of Agroforestry Systems	+	
13	KDM 813: Agriculture and Environment	+	
14	SMW 800: Principles and Management of Watershed Resources	+	

Year 2

1	ENS813: Master Thesis	

PhD Programme

Doctor of Philosophy in Environmental Studies (Agroforestry and Rural Development)

Pass mark 50% mean score

8.2 Department of Environmental Community Development**Bachelor of Environmental Studies and Community Development****Programme Structure and Duration**

A bachelor of Environmental Studies and Community Development shall consist of course work and examination spread across four years. In year one or level 100, students shall take the required three (3) University common units, seven (7) units from Environmental Studies and Community Development (ECD), one (1) unit from Environmental Education (EED), one (1) unit from Environmental Sciences (ENS) and one (1) unit Environmental Planning and Management (EPM). In year two or level 200, students must take ten (10) units from ECD, one (1) from EED, one from ERC/ENS, and one (1) from EPM. At year three or level 300 and year four or level 400, students will take 13 and 12 units respectively.

NOTE: For a student to qualify for graduation, they must have a total of 53 units as indicated in the pattern below.

Pattern: 13:13:14:13 = 53 units in total

The contact hours across the department is 35 per unit except for ECD 404 which is 70 hours

Units across Semester

SN	Level 100 - Unit Code and Title	Sem1	Sem2
1.	UCU 100: Communication Skills	+	
2.	UCU 103: Introduction to Critical and Creative Thinking		+
3.	UCU 104: Introduction to Entrepreneurship		+
4.	ECD 100: Foundations & Development of Environmentalism		+
5.	ECD 103: Fundamentals of Sustainable Community Development	+	

6.	ECD 105: Population Dynamics & Resource Use	+	
7.	ECD 108: Global Trends in Community Development		+
8.	ECD 109: Human Ecology & Adaptations	+	
9.	ECD 110: Environmental Innovations & Technologies		+
10.	ECD 111: Strategic & Transformative Community Development		+
11	EED 100: Principles of Environmental Education		+
12	ENS 132: Environmental Biology	+	
13	EPM 111: Principles of Environmental Planning & Management	+	

SN	Level 200 - Unit Code and Title	Sem1	Sem2
1.	ECD202:Environmental Anthropology & Indigenous Knowledge Systems	+	
2.	ECD 204: Community Water Resources and Sanitation Management	+	
3.	ECD 205: Principles of Integrated Watershed Management		+
4.	ECD 206: Principles of Natural Resources Management	+	
5.	ECD 207: Trade, Environment and Community Development	+	
6.	ECD 209: Climate Change and Community Livelihoods		+
7.	ECD 210: Comparative Strategies in Community Development		+
8.	ECD 211: Introduction to Geo-Spatial Techniques	+	
9.	ECD 212: Social Change & Environmental Management		+
10.	ECD 213: Environment & Community Leadership	+	
11.	EED 203: Education for Sustainable Development	+	
12.	ENS 241: Biodiversity Conservation		+
13.	EPM 242: Resource Use Planning		+

SN	Level 300 - Unit Code and Title	Sem1	Sem2
1	ECD 304: Practicum		+
2	ECD 306: Human Settlements, Environment & Development	+	
3	ECD 315: Energy Resources & Community Development		+
4	ECD 316: Civil Society, Politics & Environmental Management	+	
5	ECD 318: Participatory Community Development & Capacity Building		+
6	ESU 300: Environmental Impact Assessment		+
7	ESU 301: Environmental Policy & Law	+	
8	ESU 302: Statistics	+	
9	ESU 303: Project planning and Management	+	
10	ESU 304: Research Methods		+
11	ESU 305: Environmental Economics	+	
12	HEH 304: Occupational Health & Safety	+	
13	ECD 319: Social Work & Humanitarian Assistance		+
14	ECD 321: Resource Mobilization & Economic Empowerment		+

SN	Level 400 - Unit Code and Title	Sem1	Sem2
1	ECD 403: Environment & Community Health	+	

2	ECD 404: Research Project	+	+
3	ECD 413: Ethics & Environmental Governance	+	
4	ECD 415: Poverty, Ecosystems & Human Well-being		+
5	ECD 420: Principles of Administration & Management		+
6	ECD 425: Environment & International Relations		+
7	ECD 426: Environment & Corporate Social Responsibility	+	
8	ECD 427: Environment, Gender & Community Development	+	
9	ECD 428: Environmental Communication & Development		+
10	ESU 400: Environmental Security & Peace Building	+	
11	EPM 464: Disaster Management		+
12	ECD 423: Community Asset Building & Social Entrepreneurship		+
13	ECD 424: Environment, Microfinance & Financial Inclusion		+

Master of Environmental Studies and Community Development

Programme Structure and Duration

There are two modes of study, full time or regular mode of study and institutional based mode of study better known as IBP. The full time mode shall run for twenty four months usually starting in September of each year. In the first academic year, students shall take 10 units spread across the first and second semesters. In the second academic year, students shall undertake a thesis research, write and submit a thesis that will be examined in accordance with university regulations.

The Institutional-based Programme (IBP) shall also take twenty four months where students will take up to 14 taught units spread across four (4) semester sessions as follows: August-December semester session, December-April semester session, April- August semester session and August-December Semester session. The remaining 12 months shall be devoted to research project and its eventual examination in accordance with university regulations.

List of Units across semesters

SN	Unit Code and Title	Sem1	Sem2
1.	ESU 800: Statistics	+	
2.	ESU 801: Research Methods		+
3.	ESU 803: Project Planning and Management		+
4.	ECD 804: Environment & Sustainable Community Development	+	
5.	ECD805:AdvancedParticipatoryDevelopmentandCommunity Capacity Building	+	
6.	ECD 806: Ethics, Politics & Environmental Governance	+	
7.	ECD 807: Ecosystems & Human Well-being	+	
8.	ECD 809: Environment, Organizational; & Institutional Development		+
9.	ECD 811: Environmental Risks and Disaster Management		+
10.	ECD 812: Environment, Gender & Sustainable Development		+
11.	ECD 826: Thesis (Equivalent to 8 units)	+	+

Institution Based Programme (IBP) Mode of study: 14 taught units + Research Project

In addition to the 10 course work units above, the following units shall be taken, and distributed in the four (4) semester sessions as follows: August-December Semester, December-April Semester, April- August and August-December Semester as guided by the Department.

12.	ECD 813: Environmental Security & Peace Building
13.	ECD 817: Population Dynamics & Environmental Health
14.	ECD 818: Resource Mobilization & Community Development
15.	ECD 825: Research Project (Equivalent to 4 Units)
16.	ESU 802: Environmental Impact Assessment & Audit

PhD in Environmental Studies and Community Development

Programme Structure and Duration

Currently we have a PhD by Thesis only. The duration of this degree is three years. The student devotes the first year preparing the research proposal and the next two years devotes to fieldwork, thesis writing, submission and defense of the thesis.

We have developed a PhD by coursework which is awaiting approval. Once approved from the 2018, the following will be the duration and pattern of the degree programme:

The Doctor of Philosophy in Environmental Studies and Community Development by course work will be a full time and part time programme. It will take three year to complete the degree course. During the first academic year, students will be expected to complete a course work of up to eight (8) units. Students will also be required to develop and submit a thesis research proposal to Graduate School by the end of the first academic year. In the next two years, a student shall concentrate with research work, publishing two articles in refereed journals and finally submitting and defending a thesis

Current PhD by Thesis and Examination in Environmental Studies and Community Development

1.	ECD 900: PhD Thesis	Minimum of 3 years

8.3 Department of Environmental Planning and Management

Programme Structure and Duration

Bachelor of Environmental Planning and Management

The Bachelor of Environmental Planning and Management shall consist of course work, examination and individual project. The B.EPM shall take a minimum of FOUR years. In any one year, a candidate shall be required to take all the prescribed units including practical planning studios. In year one, a candidate is required to take a total 5 units from the Department, 3 units from Sister Departments in the School, and the requisite University Common Units (UCUs). In the

Second year, a candidate takes 9 units from the department and 3 from Sister Departments. In third year a total of 6 units are offered in the department. A candidate further takes a further 5 school common units and in final year a candidate takes all the 14 units on offer in the department inclusive of individual project. *The contact hours is 35 per unit except for the specified units.*

List of rationalised units across semesters

SN	Unit code and Title	Sem1	Sem2	Hours
Level 200				
1	EED = 1 Unit			
2	ENS = 1 Unit			
3	EPM 222:Environmental Planning and Management Techniques		+	
4	EPM 232:Geomatic Surveying & Environmental Mapping - Studio 2	+		
5	EPM 242:Resource Use Planning		+	
6	EPM 244:Waste Management Planning	+		
7	EPM 246:Public Finance Planning		+	
8	EPM 251:Computer Application in Environmental Planning and Management	+		
9	EPM254:GIS&Remote Sensing in Environmental Planning and Management	+		
10	EPM 255:Conservation Area Planning & Management	+		
11	EPM 256:Climate Change Adaptation and Mitigation		+	
12	ERC = 1 Unit			
Level 300				
1	EPM 332:Environmental Systems Analysis, Modelling and Monitoring		+	
2	EPM 341:Development Control in Environmental Planning and Management	+		
3	EPM 345:Spatial Organization in Environmental Planning and Management		+	
4	EPM 371:Site and Neighbourhood Planning- Studio 3B		+	70
5	EPM 372:Rural Planning - Studio 3A	+		
6	EPM 381:Field Attachment and Planning Practice		+	
7	ESU 300:Environmental Impact Assessment and Audit	+		
8	ESU 302:Applied Statistics	+		
9	ESU 301:Environmental Policy and Law	+		
10	ESU 303:Project Mgt, Planning & Evaluation		+	
11	ESU 304:Research Methods		+	
12	ESU 305:Environmental Economics	+		
Level 400				
1	EPM 424:Environmental Action Planning	+		
2	EPM 451:Planning for Recreation and Leisure		+	
3	EPM 452:Planning and Management of Housing Development	+		
4	EPM 456:Planning and Management of Urban Slums and Squatter Settlements	+		
5	EPM463:Seminaron Emerging Issues in Environmental Planning&Management		+	
6	EPM 464:Disaster Management		+	

7	EPM 471:Urban Planning - Studio 4A	+		
8	EPM 472:Regional Planning - Studio 4B		+	70
9	EPM 473:Urban Design - Studio 4C	+		
10	EPM 492:Research Project	+	+	70

Master's programme

The Master of Environmental Planning and Management shall consist of course work, examination and individual project. The B.EPM shall take a minimum of TWO years. In the two years, a candidate shall be required to take all the prescribed units including practical planning studios. At the beginning of 2nd year, a candidate is supposed to commence and carry out his/her research project. In total a candidate is required to undertake all the 21 units on offer which is inclusive of studio projects and individual research project.

SN	Unit Code and Title	S1	S2	S3	S4	Hours
1.	EPM 811:Planning Theory	+				
2.	EPM 831:Participatory and Advocacy Planning			+		
3.	EPM 833: Computer Apps. and Geog. Information System	+				
4.	EPM 842:Environmental Planning Law & Development Control		+			
5.	EPM 852:Transportation infrastructure Planning	+				
6.	EPM 861:Planning for Disaster Preparedness and Mgt		+			
7.	EPM 871:Site and Neighbourhood Planning - Studio I	+				
8.	EPM 871:Rural Planning - Studio III		+			70
9.	EPM 872:Urban Planning - Studio II			+		
10.	EPM 873:Regional Planning - Studio IV				+	70
11.	EPM 892:Research/Planning Project				+	
12.	ESU 802:Environmental Impact Assessment and Audit		+			
13.	ESU 800:Statistics		+			
14.	ESU 801:Research Methods	+				

Ph.D. Programme

PhD programme shall be undertaken in 3 years culminating in a Thesis.

Level 900 – Ph.D		
SN	Unit Code and Title	Year of study
1	N85 – Ph.D in Environmental Planning and Management – by thesis	3 years

9. SCHOOL OF HOSPITALITY, TOURISM AND LEISURE STUDIES

9.1 Department of Hospitality & Tourism Management

Diploma in Hospitality Management

Programme Structure and Duration

In order to graduate with a Diploma in Hospitality Management, candidate must have studied and passed 25 units including industrial attachment. A student will take at least six (6) units per semester. Industrial attachment of a minimum of three months shall be undertaken upon successful completion of the course work before a student can graduate

SN	Unit Code and Name	Sem 1	Sem 2
1.	BHT 022: Food Production I	+	
2.	BHT 023: Food and Beverage Service I	+	
3.	BHT 024: Accommodation Operations I (House-Keeping)	+	
4.	BHT 025: Introduction to Nutrition	+	
5.	BHT 026: Food Safety and Microbiology	+	
6.	BHT 028: Laundry Operations		+
7.	BHT 029: Accommodation Operations II (<i>Prerequisites BHT 024</i>)		+
8.	BHT 031: Food Production II (<i>Prerequisites BHT 022</i>)		+
9.	BHT 032: Food and Beverage Service II (<i>Prerequisites BHT 023</i>)		+
10.	HTM 021: Introduction to the Hospitality and Tourism Industry	+	
11.	HTM 027: Introduction to Hospitality & Tourism Marketing		+
12.	HTM 030: Principles of Management in Hospitality & Tourism		+
Year 2			
13.	BHT 034: Food Service III (<i>Prerequisites BHT 023, BHT 032</i>)	+	
14.	BHT 036: Food and Beverage Control	+	
15.	BHT 037: Front Office Operations	+	
16.	BHT 038: Food Production III (<i>Prerequisites BHT 022, BHT 031</i>)	+	
17.	BHT 039: Human Resource Management		+
18.	BHT 040: Entrepreneurship in the Hospitality Industry		+
19.	BHT 041: Accommodation Management III (<i>Prerequisites BHT 024, BHT 029</i>)		+
20.	BHT 043: Food and Beverage Production IV (<i>Prerequisites BHT 022, BHT 031, BHT 038</i>)		+
21.	BHT 044: Food and Beverage Service IV (<i>Prerequisites BHT 023, BHT 032, BHT 034</i>)		+
22.	HTM 033: Enterprise Development in Hospitality and Tourism	+	
23.	HTM 035: Computer Applications in Hospitality and Tourism	+	
24.	HTM 042: Introduction to Hospitality & Tourism Accounting		+
25.	HTM 045: Industrial Attachment (Outside Semester)		

Bachelor of Science in Hospitality and Tourism Management

Programme Structure and Duration

In order to graduate with a Bachelor of Science Degree in Hospitality and Tourism Management the candidate must have done 52 units taken in four year period

In the first (1st) year of study, students will take ten (10) common school units from the School of Hospitality and Tourism and one (1) foreign language from the Foreign Languages Department. In addition, the students will take three (3) university common units (UCU's).

In the second (2nd) year of study, students will take eleven (11) units from the School of Hospitality and Tourism Management, one (1) unit from the School of Business and two (2) units from the Foreign language Department.

In the third (3rd) year of study, students will choose to specialize in either Hospitality or Tourism Management as follows:-

Those specializing in Hospitality Management will take one (1) common school unit from the School of Hospitality and Tourism, two (2) units from the School of Business and eight (8) units from the Department of Hospitality Management. In addition students will undertake a compulsory field attachment.

Those specializing in Tourism Management will take one (1) common school unit from the School of Hospitality and Tourism and ten (10) units from the Department of Tourism Management. In addition students will undertake a compulsory field attachment.

In the fourth (4th) year of study, students will take four (4) common units from the School of Hospitality and Tourism and seven (7) units from the departmental specialization units based on the option selected in section 'c' above. In addition students will undertake a compulsory field attachment.

NOTE:

Credit Waivers

Diploma holders will get credit waivers for relevant units passed with a grade B or above up to 14 units

SN	Unit Code and Name	Sem 1	Sem 2
Level 100			
1.	HTM 100: Introduction to the Hospitality Industry	+	
2.	HTM 104: Principles of Management in Hospitality and Tourism	+	
3.	HTM 106: Services Management in Hospitality and Tourism	+	
4.	HTM 107: Food Safety and Hygiene	+	
5.	HTM 108: Introduction to Hospitality and Tourism Accounting	+	
6.	HTM 109: Tourism Philosophies and Practices		+
7.	HTM 110: Introduction to Computer Applications in Hospitality and Tourism		+
8.	HTM 111: Introduction to Travel and Tour Operations		+
9.	HTM 112: Introduction to Hospitality and Tourism Marketing		+
10.	HTM 113: Tourism, Leisure, Recreation & Health		+
11.	HTM 114: Chinese I or AGB 001: German for Beginners I or AFB 001: French for Beginners I,	+	

12.	UCU 100: Communication Skills	+	
13.	UCU 103: Critical Thinking		+
14.	UCU 106: Ethics, Citizenship and Diversity		+
Level 200			
15.	AGB 002: German for beginners II or AFB 002: French for beginners II or HTM 221: Chinese II(<i>Prerequisites AFB 001, AGB 002, HTM 114</i>)	+	
16.	BBA 200: Organizational Behavior	+	
17.	BHM 301: Human Resource Management I	+	
18.	HTM 207: Wine and Beverage Knowledge	+	
19.	HTM 208: Introduction to Economics in Hospitality and Tourism		+
20.	HTM 212: Food Production Lab I	+	
21.	HTM 213: Food and Menu Knowledge I (<i>Prerequisites HTM 212</i>)	+	
22.	HTM 214: Food and Beverage Service Lab I		+
23.	HTM 215: Food and Beverage Service Theory I (<i>Prerequisites HTM 214</i>)		+
24.	HTM 216: Hospitality and Tourism Events Management	+	
25.	HTM 217: Hospitality and Tourism Management Accounting (<i>Prerequisites HTM 108</i>)		+
26.	HTM 218: Meetings, Incentives, Conventions and Exhibitions (MICE)		+
27.	HTM 219: Legal aspects in Hospitality and Tourism		+
28.	HTM 220: Hospitality and Tourism Facilities Management		+
Level 300 (Hospitality Option)			
29.	AFB003: French for Beginners III or AFG 003: German for Beginners III or HTM 452: Chinese III(<i>Prerequisites AFB 001, AFB 002, AGB 003</i>)	+	
30.	BBA 310: Entrepreneurship and Small Business Management		+
31.	BHT 315: Food and Menu Knowledge II (<i>Prerequisites BHT 212, BHT 213</i>)	+	
32.	BHT 316: Food Production Lab II (<i>Prerequisites BHT 212, BHT 213, BHT 315</i>)	+	
33.	BHT 317: Food and Beverage Service Theory II (<i>Prerequisites HTM 214, HTM 215</i>)	+	
34.	BHT 318: Food and Beverage Service Lab II (<i>Prerequisites HTM 214, HTM 215, BHT 317</i>)	+	
35.	BHT 319: Accommodation Operations (Theory & Practical) (<i>Prerequisites BHT 212, BHT 213, BHT 315, BHT 316</i>)		+
36.	BHT 320: Hospitality Consumer Behavior		+
37.	BHT 321: Front of the House Management		+
38.	BHT 322: Hotel Information Systems (Theory & Practical)		+
39.	HTM 303: Research Methods	+	
40.	HTM 315: Field Attachment I (Outside Semester)		
Level 400 (Hospitality Option)			
41.	BHT 415: Hospitality Product Marketing	+	

42.	BHT 416: Food and Beverage Production Management III (Theory & Practical) (<i>Prerequisites BHT 212, BHT 213, BHT 315, BHT 316</i>)	+	
43.	BHT 417: Food and Beverage Service Management III (Theory & Practical) (<i>Prerequisites HTM 214, HTM 215, BHT 317, BHT 318</i>)	+	
44.	BHT 418: Hospitality Financial Management (<i>Prerequisites HTM 108, HTM 217</i>)	+	
45.	BHT 419: Product Development in Hospitality (<i>Prerequisites HTM 214, HTM 215, BHT 317, BHT 318, BHT 417</i>)		+
46.	BHT 420: Internal Controls in Hospitality Operations		+
47.	BHT 421: Interior Design and Decoration		+
48.	HTM 403: Research Project (to be done over 2 semesters) (<i>Prerequisites HTM 420, HTM 303</i>)	+	
49.	HTM 406: Strategic Management in Hospitality and Tourism		+
50.	HTM410: Public Relations and Resource Mobilization in Hospitality & Tourism		+
51.	HTM 419: Field attachment II (Outside Semester) (<i>Prerequisites HTM 315</i>)		
52.	HTM 420: Statistics (<i>Prerequisites HTM 303</i>)	+	

Post Graduate Diploma in Hospitality and Tourism Management

Programme Structure and Duration

The program shall consist of twelve (12) units to be taken in a minimum of two (2) semesters/sessions. The program will be offered under the fulltime mode of study and open learning mode of study. Where applicable, the program shall be offered in block release mode where participants will have to be released from work by their employers for a continuous period of time, in order to undertake their studies. The block release mode will only be offered to those Institutions or organizations with a previously negotiated and Senate approved Memorandum of Agreement with Kenyatta University

SN	Unit Code and Name	Sem 1	Sem 2
1.	HTM 701: Marketing Management in Hospitality & Tourism	+	
2.	HTM 702: Introduction to Research Methods in Hospitality & Tourism	+	
3.	HTM 703: Hazard Analysis in Food and Beverage Management	+	
4.	HTM 704: Project Management in Hospitality & Tourism	+	
5.	HTM 705: Management Finance in Hospitality and Tourism II	+	
6.	HTM 706: Project (over 2 semesters)	+	
7.	HTM 707: Seminar in Hospitality and Tourism Management		+
8.	HTM708:Public Relations & Resource Mobilization in Hospitality & Tourism management		+
9.	HTM 709: Internal Controls in Hospitality Operations		+
10.	HTM 710: Sustainable Tourism Management		+
11.	HTM 711: Trends in Food and Beverage Operations		+
12.	HTM 712: Tourism Products and Destination Management		+

Master of Science in Hospitality Management

Programme Structure and Duration

The Degree programme shall be offered on full time and open learning modes of study. The Master of Science Degree in Hospitality Management shall extend for a minimum of eighteen (18) months. The Degree programme shall be by coursework, examination and thesis. The first (1st) year of study shall be spent on course work and examination during which a candidate must take a minimum of ten (10) units, comprising eight (8) core and two (2) elective units. After successful completion of coursework, a student shall undertake research work on a topic that is relevant to hospitality, and submit a thesis.

SN	Unit Code and Name	Sem 1	Sem 2
1.	HTM 801: Hospitality Management Information Systems	+	
2.	HTM 802: Statistics(<i>Prerequisites PUC 800</i>)		+
3.	HTM 804: Strategic Management for the Global Hospitality Industry	+	
4.	HTM 805: Human Capital Management and Development	+	
5.	HTM 806: Quality Service Management in the Hospitality and Tourism Industry.		+
6.	HTM 807: Hotel Control and Decision Accounting		+
7.	HTM 808: Multi-unit Hotel Operations Management		+
8.	HTM 809: Global Branding and Luxury Experience Management		+
9.	HTM 810: Events and Conferences Management (Elective)	+	
10.	HTM 811: Hospitality Law (Elective)		+
11.	PUC 800: Research Methods	+	
Year Two			
1.	HTM 812: Thesis		

Doctor of Philosophy in Hospitality Management

Programme Structure and Duration

The degree programme shall be offered on full time basis. The PhD degree in the Department of Hospitality Management shall extend for a minimum of 3 years. The degree programme shall be by research and thesis only

SN	Unit Code and Name	Sem 1	Sem 2
1.	HTM 900: Thesis		

Diploma in Tourism Management

Programme Structure and Duration

The Diploma in Tourism Management shall consist of coursework, examination, project and Industrial Attachment. The Diploma Programme shall take a minimum period of 2 years. In year one, a candidate shall be required to take a total of 12 Units. In year two, a candidate shall be required to take a total of 12 Units, including project work over two semesters and submit a project report. Industrial attachment of a minimum of Three (3) months shall be undertaken upon successful completion of the Coursework.

In order to graduate with a Diploma in Tourism Management candidate must have studied and passed twenty five (25 units).

List of units across semesters

SN	Unit Name and Title	Sem 1	Sem 2
Year 1			
1.	BTM 050: Introduction to Travel and Tour Operations	+	
2.	BTM 051: Communication Skills in Tourism	+	
3.	BTM 052: Customer Service	+	
4.	BTM 053: Introduction to the History of East Africa	+	
5.	BTM 054: Peoples and Culture of East Africa	+	
6.	BTM 055: Nature and Wildlife knowledge		+
7.	BTM 056: Tourism and the Environment		+
8.	BTM 057: Introduction to Travel Geography		+
9.	BTM 058: Introduction to Research Methods in Tourism		+
10.	HTM 021: Introduction to the Hospitality and Tourism Industry	+	
11.	HTM 027: Introduction to Hospitality and Tourism Marketing		+
12.	HTM 030: Principles of Management in Hospitality and Tourism		+
Year 2			
13.	BTM 059: Tour Operations Techniques	+	
14.	BTM 060: Travel Agency Techniques	+	
15.	BTM 061: Introduction to Statistics in Tourism	+	
16.	BTM 062: Introduction to Airfare and Ticketing	+	
17.	BTM 063: Tourism Planning and Development		+
18.	BTM 064: Tourism Facilities Management		+
19.	BTM 065: Tourism Service Quality Management		+
20.	BTM 066: Tourism Project		+
21.	BTM 067: Ecotourism		+
22.	HTM 033: Enterprise Development in Hospitality and Tourism	+	
23.	HTM 035: Computer Applications in Hospitality and Tourism	+	
24.	HTM 042: Introduction to Hospitality and Tourism Accounting		+
25.	HTM 045: Industrial Attachment (Practicum) Outside Semester		

Bachelor of Science in Hospitality and Tourism Management (Tourism option)

Programme structure and duration

The Bachelor of Science in Hospitality and Tourism Management (Tourism Option) shall consist of coursework, examination, project and Industrial Attachment. The Bachelors Programme shall take a minimum period of four years. In year one and two, a candidate shall be required to take a total of 28 Units, comprising University Common Units, Language and School Units. In year three, a candidate shall be required to take a total of 12 Units including industrial attachment (outside semester) for a period of three (3) months. In year four, a candidate shall be required to take a total of 11 Units, including project

work over two semesters and submit a project report. The second Industrial attachment of a minimum of Three (3) months shall be undertaken upon successful completion of the fourth year coursework before a student can graduate.

List of units across semesters

SN	Unit	Sem1	Sem2
Level 100			
1.	AFF B01: French for Beginners I or AFG B01: German for Beginners I or HTM 114: Chinese I	+	
2.	HTM 100: Introduction to the Hospitality Industry	+	
3.	HTM 104: Principles of Management in Hospitality and Tourism	+	
4.	HTM 106: Services Management in Hospitality and Tourism	+	
5.	HTM 107: Food Safety and Hygiene	+	
6.	HTM 108: Introduction to Hospitality and Tourism Accounting	+	
7.	HTM 109: Tourism Philosophies and Practices		+
8.	HTM110: Introduction to Computer Applications in Hospitality and Tourism		+
9.	HTM 111: Introduction to Travel and Tour Operations		+
10.	HTM 112: Introduction to Hospitality and Tourism Marketing		+
11.	HTM 113: Tourism, Leisure, Recreation & Health		+
12.	UCU 100: Communication Skills	+	
13.	UCU 103: Critical Thinking		+
14.	UCU 106: Ethics, Citizenship and Diversity		+

Level 200			
15.	AFF B02: French for beginners II or AFG B02: German for beginners II or HTM 221: Chinese II	+	
16.	BBA 200: Organizational Behavior	+	
17.	BBA 301: Human Resource Management I	+	
18.	HTM 207: Wine and Beverage Knowledge	+	
19.	HTM 208: Introduction to Economics in Hospitality and Tourism		+
20.	HTM 212: Food Production Lab I	+	
21.	HTM 213: Food and Menu Knowledge I	+	
22.	HTM 214: Food and Beverage Service Lab I		+
23.	HTM 215: Food and Beverage Service Theory I		+
24.	HTM 216: Hospitality and Tourism Events Management	+	
25.	HTM 217: Hospitality and Tourism Management Accounting		+
26.	HTM 218: Meetings, Incentives, Conventions and Exhibitions		+
27.	HTM 219: Legal aspects in Hospitality and Tourism		+
28.	HTM 220: Hospitality and Tourism Facilities Management		+
Level 300 (Tourism Option)			
29.	AFF B03: French for Beginners III/ AFG B03: German for Beginners III/ HTM 316: Chinese III	+	

30.	BTM 370: Travel Agency Operations	+	
31.	BTM 371: Tour Operations Techniques	+	
32.	BTM 372: Flora and Fauna of East Africa	+	
33.	BTM 373: Tourism and Travel Geography	+	
34.	BTM 374: Tourism Distribution Systems (Theory and Practical)		+
35.	BTM 375: Destination Management		+
36.	BTM 376: Sociology of Tourism		+
37.	BTM 377: Airfare and Ticketing		+
38.	BTM 378: Cultural and Heritage Tourism		+
39.	HTM 303: Research Methods	+	
40.	HTM 315: Field Attachment I (Outside Semester)		
Level 400 (Tourism Option)			
41.	BTM 470: Destination Marketing	+	
42.	BTM 471: Tourism and the Environment	+	
43.	BTM 472: Sustainable Tourism Management	+	
44.	BTM 473: Domestic and Regional Tourism	+	
45.	BTM 474: Ecotourism Principles and Practices		+
46.	BTM 475: Tourism Policy and Planning		+
47.	BTM 476: Tourism Product Development and		+
48.	HTM 403: Research Project (to be done over 2 semesters)	+	
49.	HTM 406: Strategic Management in Hospitality and Tourism		+
50.	HTM410:PublicRelationsandResourceMobilizationinHospitalityand Tourism		+
51.	HTM 419: Field attachment II (Outside Semester)		
52.	HTM 420: Statistics	+	

Master of Science in Tourism Management

Programme structure and duration

The Master of Science (Tourism Management) shall consist of coursework, examination and thesis. The MSc. programme shall take a minimum period of two years. In year one, a candidate shall be required to take a total of 10 Units, comprising 8 core and 2 elective courses. In year two, a candidate shall concentrate on research work and submit a thesis.

List of units across semesters

SN	Unit Code And Name	Sem 1	Sem 2
1.	HTM 802: Statistics (<i>Prerequisites PUC 800</i>)		+
2.	HTM 810: Events and Conferences Management (Elective)	+	
3.	HTM 812: Thesis		
4.	HTM 850: Sustainable Tourism Planning and Policy	+	
5.	HTM 851: Tourism Economics (Elective)	+	

6.	HTM 852: Destination Management and Marketing	+	
7.	HTM 853: Tourism Legislation and International Conventions		+
8.	HTM 854: Tourism Governance and Regional Development		+
9.	HTM 856: Tourism Technology and Innovation		+
10.	HTM 857: Managing Tourism Distribution and Intermediaries (Elective)		+
11.	HTM 858: Tourism Investments and Enterprise Development	+	
12.	PUC 800: Research Methods	+	

Doctor of philosophy in Tourism Management

Programme Structure and Duration

The Doctor of philosophy in Tourism Management shall take a minimum of 3 years. The degree programme shall be by Thesis.

List of units across semesters

SN	UnitCode and Name	Year 1		Year 2		Year 3	
1.	HTM 900:- Thesis	Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2

9.2 Department of Recreation Management and Leisure Science

Certificate in Sports Administration and Management

Duration and Mode of Study

The duration of the course shall be one academic year during which twelve units of 35 contact hours shall be undertaken.

In order to qualify for the award of Kenyatta University Certificate in this programme, a candidate shall be expected to have passed all CATS and final written examinations with a minimum score of 40%

Candidates will also be expected to undergo practicum for a period of eight weeks.

The mode of teaching shall be through lectures, demonstrations and field visits.

Contact Hours is 35 per unit

Program Structure

Course Units		Year 1	
SN	Unit Code; Title	Sem1	Sem2
1.	HRS 001: Basic Issues in Sports Management	+	
2.	HRS 002: Sports Organizations	+	
3.	HRS 003: Sports Personnel Management	+	
4.	HRS 004: Sports Officiating	+	
5.	HRS 005: Sports Programming	+	
6.	HRS 006: Sports Marketing	+	

7.	HRS 007: Legal Liability in Sport		+
8.	HRS 008: Sports Facility Design and Construction		+
9.	HRS 009: Basic Concepts of Crowd Management		+
10.	HRS 010: Public Relations in Sport		+
11.	HRS 011: Tournament Formats		+
12.	HRS 012: Practicum (8 weeks)		+

Diploma Programme in Sports Administration and Management

Duration and Pattern of Study

The duration of the course shall be two academic years during which eighteen units of 35 contact hours shall be undertaken.

In order to qualify for the award of Kenyatta University Certificate in this programme, a candidate shall be expected to have passed all CATS and final written examinations with a minimum score of 40%

Candidates will also be expected to undergo practicum for a period of eight weeks.

The mode of teaching shall be through lectures, demonstrations and field visits. *Contact Hours is 35 per unit except for practical units which are 70 hours and 105 hours.*

Course Units		Year 1		Year 2	
	Unit Code and Title	Sem 1	Sem 2	Sem 1	Sem 2
1.	HRS 020: Structure of Sports Organizations		+		
2.	HRS 021: Principles of Sports Management	+			
3.	HRS 022: Sports Events Management	+			
4.	HRS 023: Sports Marketing	+			
5.	HRS 024: Sports Personnel Management	+			
6.	HRS 025: Management of Sports Facilities and Equipment	+			
7.	HRS 026: Sports and Behavioral Science		+		
8.	HRS 027: Sports Politics and Economy			+	
9.	HRS 028: Legal Liability in Sports Management			+	
10.	HRS 029: History and Philosophy of Sport	+			
11.	HRS 030: Financial Management		+		
12.	HRS 031: Conflict Management in Sport		+		
13.	HRS 032: Mgt of Athletic Programme of Persons with Disabilities		+		
14.	HRS 033: Contemporary Issues in Sports			+	
15.	HRS 034: Sport Entrepreneurship			+	
16.	HRS 035: Sports Leadership		+		
17.	HRS 036: Computer Application in Sports			+	
18.	HRS 037: Practicum (8 weeks)				+

Bachelor of Science (Recreation and Sports Management) Programme

Credit waivers will be given as per university policy after approval.

Program Structure, Duration and Pattern

Contact Hours is 35 per unit except for practical units which are 70 hours and 105 hours.

University common units		Year 1		Year 2
SN	Unit Code and Title	Sem 1	Sem 2	Sem 1
1.	UCU100: Communication Skills		+	
2.	UCU103: Introduction to Creative and Critical Thinking	+		
3.	UCU 104: Introduction to Entrepreneurship			+

Level 100			
Core Units			
SN	Unit Code: Title	Sem 1	Sem 2
1.	HES 100: First Aid and Safety Education		+
2.	HES 102: Functional Human Anatomy		+
3.	HES 106: Callisthenics and Weight Training	+	
4.	HPE 101: Hockey, Netball and Soccer		+
5.	HPE 103: Basketball, Handball, Volleyball	+	
6.	HPE 104: Psychology of Physical Education		+
7.	HRS 100: Management of Fitness and Health Clubs	+	
8.	HRS 101: Recreation, Sport and Environment	+	
9.	HRS 102: Introduction to Management in Recreation and Sport	+	
10.	HRS 103: Theory and Practice of Recreation and sport		+
11.	HRS 104: Management of Recreation and Sports Equipment		+
12.	HRS 105: Foundations of Recreation and Sports	+	
Level 200			
Core Units			
13.	HES 200: Physical Fitness and Evaluation	+	
14.	HES 206: Exercise and Sports for the Special Populations	+	
15.	HPE 200: Human Physiology		+
16.	HPE 201: Athletics I, Softball, Swimming I		+
17.	HRS 200: Legal and Ethical Issues in Recreation and Sport		+
18.	HRS 201: Public Relations in Recreation and sport	+	
19.	HRS 202: Event Management in Recreation and Sport		+
20.	HRS 203: Management of Parks and Game Reserves		+
21.	HRS 204: Sport Tourism		+
22.	HRS 205: Sociology of Recreation and Sport	+	
23.	HRS 206: Management of Community Recreation and Sport	+	
24.	HRS 207: Aerobics and Dance	+	
Level 300			

	Core Units		
25.	HCU 300 Introduction to Research Methods	+	
26.	HCU 301: Introductory Statistics		+
27.	HES 301: Exercise and Wellness	+	
28.	HES 302: Application of Computer Technology in Recreation & Sport		+
29.	HES 312: Design and Improvisation of Sports Facilities and Equipment	+	
30.	HRS 300: Recreation and Sport Programming		+
31.	HRS 301: Business of Recreation and Sport	+	
32.	HRS 302: Human Resource Management in Recreation and Sports		+
33.	HRS 303: Recreation and Sports Marketing		+
Electives Units			
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time			
34.	HES 304: Nutrition and Sport Performance		+
35.	HES 313: Hydrodynamics and Aquatic Activities (<i>Prerequisite HPE 201</i>)	+	
36.	HPE 309: Stress Management and Physical Activity		+
37.	HRS 305: Leadership in Recreation and Sport	+	
38.	HRS 307: Adherence in Exercise, Recreation and Sports	+	
39.	HRS 308: Operations Management in Recreation and sport		+
Level 400			
Core Units			
40.	HCU 400; Project Design, Monitoring and Evaluation		+
41.	HES 401: Research Project in Human Performance		+
42.	HPE 400: Test and Measurements in Physical Activity	+	
43.	HRS 400: Adventure Recreation and Training		+
44.	HRS 401: Financial Management and Accounting in Recreation and Sport	+	
45.	HRS 403: Practicum		+
Elective Units			
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time			
46.	HES 405: Rackets and Batting Games	+	
47.	HRS 404: Recreation, Sport and Entertainment in Hospitality Industry		+
48.	HRS 405: Ageing and Human Performance	+	
49.	HRS 406: Professional Career Development in Recreation and sport		+
50.	HRS 407: Organization Theory and Behaviour in Recreation and Sports	+	
51.	HRS 408: Recreation and sports Production Management		+
52.	HRS 409: Public-Private Partnership in Recreation and Sports		+
53.	HRS 410: Strategic Management in Recreation and Sport Organizations	+	

Postgraduate Diploma in Sports Administration

Structure and Duration

The duration of the course will be one academic year of two semesters during which 10 units of 35 contact hours each will be covered and a research project undertaken.

In order to qualify for the award of Kenyatta University Postgraduate Diploma in this programme, a candidate shall be expected to have passed CATS, Research Project and the final written examinations with a minimum score of 50%.

Each candidate will also be expected to successfully complete a practicum of four (4) months during which she/he will be expected to prepare and submit a written report supervised and assessed by a University Examiner.

Course Units			
Core Units			
SN	Unit Code: Title	Sem 1	Sem 2
1.	HRS 740: History and Development of Sports	+	
2.	HRS 748: Research Methods in Sports	+	
3.	HRS 749: Applied Statistics		+
4.	HRS 755: Research Project & Report		+
5.	HRS 761: Practicum (16 weeks)		+
Electives			
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time			
6.	HRS 741: Principles of Sports Management		+
7.	HRS 745: Design and Management of Sports Facilities	+	
8.	HRS 746: Principles of Sports Marketing		+
9.	HRS 750: Sports Event Planning and Management		+
10.	HRS 751: Sports Team Management	+	
11.	HRS 753: Psychology of Sports		+
12.	HRS 754: Leadership in Sports Organization	+	
13.	HRS 756: Financial Management in Sports	+	
14.	HRS 757: Sociology of Sport		+
15.	HRS 758: Sport Activities (Swimming, Basketball & Tennis)	+	

Master of Science (Recreation and Sport Management)

Duration and Pattern of Study

The Master's degree shall extend over a minimum period of 18 months.

The degree shall be offered by coursework, examination and Thesis.

The coursework shall include lectures, field experiences, practicals, seminar reports and case studies as required in the synopses of particular units.

During the first year of study, students will take ten (10) units.

In the second year of study, students will undertake research work, prepare and present a thesis for examination.

Course Units			
Core units			
	Unit Code: Title	Sem 1	Sem 2
1.	HCU 800: Research Methods	+	
2.	HCU 801: Statistics		+
3.	HCU 802: Program Design, Monitoring and Evaluation		+
4.	HRS 800: Organization & Administration of Recreation and Sports Services	+	
5.	HRS 801: Management of Resources in Sports and Recreation	+	
6.	HRS 802: Legal, Ethical and Policy Issues in Recreation and Movement Science		+
7.	HRS 809: Thesis		+
Electives			
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all elective units are on offer at any given time			
8.	HRS 803: Outdoor Experiential Pursuits & Instructional and Team Building Techniques		+
9.	HRS 804: Leisure & Recreation Services for Special Population	+	
10.	HRS 805: Parks & Recreation Administration		+
11.	HRS 806: Sports Tourism Management		+
12.	HRS 807: Guidance and Counseling in Sports and Recreation	+	
13.	HRS 808: Leadership and Governance in Recreation and Sports	+	

Doctor of Philosophy (Recreation and Sport Management)

HRS 900: PhD Thesis Duration; 3 Years

10. SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

10.1 Department of Literature, Languages and Linguistics

Certificate in Intensive English

Programme Structure and Duration

- To complete this certificate course, students must take all the twelve units.
- Each unit is equivalent *to 35 lecture hours*.
- The programme will run for six months broken into two sessions of three months each.

List of Units across Semesters

SN	Unit Code and Title	Sem1	Sem2
1.	AEN 001: Listening and Pronunciation Skills	+	
2.	AEN 002: Listening and Speaking Skills	+	
3.	AEN 003: Introduction to Reading in English	+	
4.	AEN 004: Grammar and Vocabulary 1	+	
5.	AEN 005: Reading in English	+	
6.	AEN 006: Writing Skills 1	+	
7.	AEN 007: Grammar and Vocabulary II		+
8.	AEN 008: Writing Skills II		+
9.	AEN 009: Speaking Skills		+
10.	AEN 010: Advanced Grammar and Vocabulary		+
11.	AEN 011: Advanced Writing		+
12.	AEN 012: Advanced Reading Skills		+

Unige/InZone- KU Certificate in Community Interpreting for Refugees – Dadaab

Programme Structure and Duration

- To complete this certificate course, students must take all the twelve units.
- The course takes a blended mode with a face-to-face and on-line components and is offered through the Kenyatta University Digital School of Virtual and Open learning
- The programme will run for six months broken into two sessions of three months each.

Core Units

	Unit Code and Title	Sem1	Sem2
1.	AEN 021: Listening Skills	+	
2.	AEN 022: Speaking Skills	+	
3.	AEN 023: Overview of Community Interpreting	+	
4.	AEN 024: Ethics of Practice	+	
5.	AEN 025: Introduction to Note - Taking	+	
6.	AEN 026: Consecutive Interpreting Practice	+	
7.	AEN 027: Reading Skills		+
8.	AEN 028: English Grammar and Vocabulary		+
9.	AEN 029: Consecutive Interpreting II		+
10.	AEN 030: Interpreting Management		+
11.	AEN 031: Whispered Interpretation		+
12.	AEN 032: Simultaneous Interpretation		+

Bachelor of Education (arts) and Bachelor of Arts**Programme Duration and Structure**

The structure and duration shall be governed by Kenyatta University Regulations on a B.Ed(Arts) Degree or a Bachelor of Arts Degree

List of Units across Semesters**Level 100 (Core Units)**

SN	Unit Code and Title	Sem1	Sem2
1.	AEN 100: An Introduction to the Study of Language	+	
2.	AEN 101: An Introduction to the Grammar of English	+	
3.	AEN 102: The Use of English for Academic purposes		+

Level 200 (Core Units)

SN	Unit Code and Title	Sem1	Sem2	Prerequisites
1.	AEN 200: An introduction to Phonetics and Phonology	+		AEN 100
2.	AEN 201: Description of Modern English	+		AEN 101
3.	AEN 202: Phonology of English		+	AEN 200
4.	AEN 203: Morphology, Syntax and Semantics		+	AEN 201

Level 300 (Core Units)

SN	Unit Code and Title	Sem1	Sem2	Prerequisites
1.	AEN 300: Phonetic and Phonological Analysis	+		AEN 200 AEN 202
2.	AEN 301: Discourse Analysis	+		
3.	AEN 302: English Grammar and Usage		+	AEN 201
4.	AEN 303: Second Language Acquisition		+	
5.	AEN 306. Psycholinguistics	+		
5.	AEN 307: Research Methods in Linguistics	+		
6.	AEN 310: Origins and Development of English		+	
7.	AEN 311: Language and Speech Disorders		+	

Level 400 (Core Units)

SN	Unit Code and Title	Sem1	Sem2	Prerequisites
1.	AEN 400: Advanced Theoretical Studies in Grammar	+		AEN 203
2.	AEN 401: Varieties of English	+		
3.	AEN 402: English Semantics and Pragmatics		+	AEN 203
4.	AEN 403: Sociolinguistics		+	
5.	AEN 405: Functional Grammar	+		
6.	AEN 406: Socio-Psychology of Language Communication	+		
7.	AEN 409: Research Project (2 units)		+	
8.	AEN407: Linguistic Typology and Language Classification		+	

Postgraduate diploma in translation studies

Programme structure and duration

The Postgraduate Diploma in Translation will be done in 2 semesters. Students registered for the Postgraduate Diploma in Translation and Interpretation will be required to take a minimum of 13 units, which will include a research project, equivalent to three units.

During the second semester, the students will undertake practicals which will include: translation of religious texts, media translation, legal translation and translation of literary texts.

List of Units across Semesters

Level 700 (Core Units)

SN	Unit Code and Title	Sem 1	Sem 2
1.	AET 700: Introduction to Translation and Interpretation	+	
2.	AET 701: Translation Theories and Interpretation	+	
3	AET 702: Ethics of Translation	+	
4.	AET 703: Research Methods in Translation	+	
5.	AET 704: Strategies and Techniques of Translation	+	
6.	AET 705: Process and Product of Translation	+	
7.	AET 706: Introduction to Translation and Interpretation Tools	+	
8.	AET 706: Introduction to Translation and Interpretation Tools	+	
9.	AET 707: Structure of an African Language	+	
10.	AET 707: Structure of an African Language	+	

Option A: Translation of Religious Texts.

SN	Unit Code and Title	Sem1	Sem2
1.	AET 708: Research Project		+
2.	AET 709: Introduction to Translation of Religious Texts		+
3.	AET 710: Practical Translation of a Religious Texts		+
4.	AET 711: Language, Culture, and Translation		+
5.	AET 712: Introduction to General Linguistics (Compulsory for those whose first degree is not in Linguistics).		+
6.	AET 713: Ethno-linguistic Challenges in Translation		+

Option B: Media Translation

SN	Unit Code and Title	Sem1	Sem2
1.	AET 702: Ethics of Translation		+
2.	AET 708: Research Project		+
3.	AET 712: Introduction to General Linguistics (Compulsory for those whose first degree is not in Linguistics).		+
4.	AET 714: Introduction to Media Translation		+
5.	AET 717: Computer Assisted Media Translation		+

Option C: Legal Translation

SN	Unit Code and Title	Sem1	Sem2
1.	AET 708: Research Project		+
2.	AET 712: Introduction to General Linguistics (Compulsory for those whose first degree is not in Linguistics).		+
3.	AET 718: Introduction to Legal translation		+
4.	AET 719: Practical Legal Translation and Interpretation		+
5.	AET 720: Legal Terminology Management		+
6.	AET 721: Translation and Interpretation of Criminal Terminology		

Option D: Translation of Literary Texts

SN	Unit Code and Title	Sem1	Sem2
1.	AET 708: Research Project		+
2.	AET 712: Introduction to General Linguistics (Compulsory for those whose first degree is not in linguistics).		+
3.	AET 722: Stylistics and Literary Translation		+
4.	AET 723: Translation of Oral Texts		+
5.	AET 724: Translation of Classical Texts		+
6.	AET 725: Translation of Contemporary Literary Texts		+

Master of Arts in English and Linguistics

Programme Structure and Duration

The Master of Arts in English and Linguistics shall extend over a period of 18 months.

The course will be taught according to the following patterns.

Either (i) Option A: Coursework, examination and project

Or

Option B: Coursework, Examination and Thesis.

In the first year all students will take 8 units (in addition to the School Unit), 4 of which will be core and 4 electives.

In the second year, students taking option (A) will take four (4) units in the first semester two (2) of which will be core and two (2) electives. In the second semester, they will carry out research and write a project equivalent to 4 units.

Students following option 'B' will carry out their research, write and submit a thesis.

Level 800- Masters by Thesis (Core Units)

SN	Unit Code and Title	Sem1	Sem2
1.	AEN 800: The Description of Linguistic Form	+	
2.	AEN 801: Structure of Modern English	+	
Electives			
3.	AEN 816: Language Variation and Function	+	
4.	AEN 817: Advanced Description of English	+	
5.	AEN 819: Phonology	+	
6.	AEN 820: Morphology	+	
Core Units			
5.	AEN 802: Linguistic Field Methods		+
6.	AEN 803: Sociolinguistics		+
Electives			
1.	AEN 814: Psycholinguistics		+
2.	AEN 818: Comparative Historical Linguistics		+
3.	AEN 821: Syntax		+
4.	AEN 822: Linguistic Analysis		+
5.	AEN 825: Language and Culture		+
6.	AEN 826: Translation Theory and Interpretation		+
7.	AEN 827: Thesis		+

Level 800- Master by Project Option**Core Units**

SN	Unit Code and Title	Sem1	Sem2	
1.	AEN 800: The Description of Linguistic Form	+		
2.	AEN 801: Structure of Modern English	+		
Electives				
3.	AEN 816: Language Variation and Function	+		
4.	AEN 817: Advanced Description of English	+		
5.	AEN 819: Phonology	+		
6.	AEN 820: Morphology	+		
Core Units				
7.	AEN 802: Linguistic Field Methods		+	
8.	AEN 803: Sociolinguistics		+	
Electives				
9.	AEN 814: Psycholinguistics		+	
10.	AEN 818: Comparative Historical Linguistics		+	
11.	AEN 821: Syntax		+	
12.	AEN 822: Linguistic Analysis		+	
13.	AEN 825: Language and Culture		+	
14.	AEN 826: Translation Theory and Interpretation		+	

SN	Unit Code and Title (Core Units)			Sem3
15.	AEN 804: Language as Communication			+
16.	AEN 805: Advanced Grammar			+
Electives				
17.	AEN 813: Language Planning and Education			+
18.	AEN 815: Discourse Analysis			+
19.	AEN 823: Semantics			+
20.	AEN 824: Pragmatics			+
21.	AEN 827: Research Project	Year 2		

Master of Arts in applied linguistics

Programme Structure and Duration

The Master of Arts in applied Linguistics shall extend over a period of 18 months.

The course will be taught according to the following patterns.

Either (i) Option A: Coursework, examination and project

Or

Option B: Coursework, Examination and Thesis.

In the first year all students will take 8 units (in addition to the School Unit), 4 of which will be core and 4 electives.

In the second year, students taking option (A) will take four (4) units in the first semester two (2) of which will be core and two (2) electives. In the second semester, they will carry out research and write a project equivalent to 4 units.

Students following option 'B' will carry out their research, write and submit a thesis

List of Units across Semesters

Level 800- Masters in Applied Linguistics by Thesis

SN	Unit Code and Title	Sem1	Sem2
1.	AEN 800: The Description of Linguistic Form	+	
2.	AEN 801: Structure of Modern English	+	
Electives			
3.	AEN 806: Syllabus Design and Material Preparation	+	
4.	AEN 807: The Pedagogical Analysis of Spoken and Written Discourse	+	
5.	AEN 816: Language Variation and Function	+	
Core Units			
6.	AEN 802: Linguistic Field Methods		+
7.	AEN 803: Sociolinguistics		+

Electives			
8.	AEN 808: Language Teacher Education and Classroom Research		+
9.	AEN 809: Pedagogic Grammar and Lexis		+
10.	AEN 810: Language Testing		+
11.	AEN 826: Translation Theory and Interpretation		+
12.	AEN 827: Thesis		+

List of Units across Semesters

Level 800 - Masters in Applied Linguistics by Project

(Core Units)

SN	Unit Code and Title	Sem1	Sem2	
1.	AEN 800: The Description of Linguistic Form	+		
2.	AEN 801: Structure of Modern English	+		
Electives				
3.	AEN 806: Syllabus Design and Material Preparation	+		
4.	AEN 807: The Pedagogical Analysis of Spoken and Written Discourse	+		
5.	AEN 816: Language Variation and Function	+		
Core Units				
6.	AEN 802: Linguistic Field Methods		+	
7.	AEN 803: Sociolinguistics		+	
Electives				
8.	AEN 808: Language Teacher Education and Classroom Research		+	
9.	AEN 809: Pedagogic Grammar and Lexis		+	
10.	AEN 810: Language Testing		+	
11.	AEN 811: Linguistic theories and language learning		+	
12.	AEN 826: Translation Theory and Interpretation		+	
SN	Unit Code and Title (Core Units)	Sem3		
11.	AEN 804: Language as Communication			+
12.	AEN 805: Advanced Grammar			+
Electives				
13.	AEN 812: Language Handicap and Pathology		+	
14.	AEN 813: Language Planning and Education		+	
15.	AEN 823: Semantics		+	
16.	AEN 827: Research Project	Year 2		

Foreign Languages

	BA/BED French Units (level 100)		
S N	Unit code and title	Sem 1	Sem 2
1.	AFF 100: French Language I	+	
2.	AFF 102: Readings in French		+
3.	AFF 103: Oral Communication Skills in French I		+
4.	AFF 104: Writing Communication Skills in French I	+	
	Level 200		
5.	AFB 001: French for Beginners I (For Tourism and Hospitality students)	+	
6.	AFF 200: Introduction to General Linguistics		+
7.	AFF 202: French Language II		+
8.	AFF 203: Introduction to African Malagasy and Caribbean Literature	+	
9.	AFF 204: Oral Communication Skills in French II	+	
	Level 300		
10.	AFB 002: French For Beginners II (For Tourism and Hospitality students)		+
11.	AFF 300: French Morphology and Synta	+	
12.	AFF 302: French Language III		+
13.	AFF 303: Introduction to French Literature	+	
14.	AFF 314: Advanced Writing Communication Skill in French	+	
15.	AFF 315: Advanced Oral Communication Skills in French	+	
	Electives		
16.	AFF 305: African Novel		+
17.	AFF 306: Caribbean Novel	+	
18.	AFF 307: African Drama	+	
19.	AFF 308: Background to African Literature	+	
20.	AFF 309: Introduction to 20th Century French Literature		+
21.	AFF 310: French Novel and Philosophical Works in the 18th Century		+
22.	AFF 311: French Drama in the 18th Century		+
23.	AFF 312: Textual Analysis	+	
24.	AFF 313: Oral Literature	+	
	Level 400		
25.	AFB 003: French for Beginners III (For Tourism and Hospitality students)		+
26.	AFF 400: Semantics and Lexicology	+	
27.	AFF 402: French Language IV	+	
28.	AFF 403: African Novel and Short Stories		+
29.	AFF 413: Introduction to Translation and French in the world		+

	Electives		
30.	AFF 405: Critical Analysis of Texts in French	+	
31.	AFF 406: Background to Caribbean Literature	+	
32.	AFF 407: French Literature in 20th Century		+
33.	AFF 408: Caribbean Drama and Poetry	+	
34.	AFF 409: The Novel	+	
35.	AFF 410: Drama		+
36.	AFF 411: Poetry		+
37.	AFF 412: Interpretation		+
	BA/BED German Units		
	Level 100		
38.	AFG 100: German Language I	+	
39.	AFG 101: German Language II		+
40.	AFG 102: Selected Readings in German	+	
41.	AFG 103: Writing Skills in German		+
	Level 200		
42.	AFG 200: Introduction to General Linguistics		+
43.	AFG 201: German Language III	+	
44.	AFG 202: German Literature I		+
45.	AFG 203: Background Studies to German Speaking People	+	
46.	AGB001: German for Beginners I (For Tourism and Hospitality students)		+
	Level 300		
47.	AFG 300: German Language IV	+	
48.	AFG 302: German Literature II		+
49.	AFG 303: Translation	+	
50.	AFG 307: Aspects of Intercultural Communication		+
51.	AGB 002: German For Tourism and Hospitality II		+
	Electives		
52.	AFG 304: Phonetics and Orthography of Modern German		+
53.	AFG 305: Aspects of the Political System of German		+
54.	AFG 306: Study of one German Author of Classicism	+	
55.	AFG 308: Study of a Single Genre of German Literature		+
	Level 400		
56.	AFG 400: German Language V	+	
57.	AFG 401: German Literature III	+	
58.	AFG 402: Advanced Translations		+
59.	AFG 403: Communication Skills in German		+
60.	AGB 003: German for Tourism and Hospitality III		+
	Electives		
61.	AFG 405: Standard German and Varieties of German		+

62.	AFG 406: Aspects of German Politics Today	+	
	Certificate in French		
1.	AFF 001: Introduction to French Speaking World: French Language and culture	+	
2.	AFF 0010: Reading and Listening II		+
3.	AFF 0011: Writing in French		+
4.	AFF 0012: French Verb II		+
5.	AFF 002: Conversational French I	+	
6.	AFF 003: French Grammar I	+	
7.	AFF 004: Language Practice: Structural Exercises I		+
8.	AFF 005: Reading and Listening I		+
9.	AFF 006: French Verb I		+
10.	AFF 007: Conversational French II		
11.	AFF 008: French Grammar II	+	
12.	AFF 009 : Language Practice: Structure Exercises II	+	
	German Certificate Units		
1.	AFG C001: Introduction to German	+	
2.	AFG C0010: Reading Skills II		+
3.	AFG C0011: Writing Skills II		+
4.	AFG C0012: Cultural Background of German Speaking Countries		+
5.	AFG C002: German Grammar I	+	
6.	AFG C003: Speaking I	+	
7.	AFG C004: Listening I		+
8.	AFG C005: Reading Skills I		+
9.	AFG C006 : Writing Skills I		+
10.	AFG C007: German Grammar II	+	
11.	AFG C008: Speaking II	+	
12.	AFG C009: Listening II	+	
	Japanese Certificate Units		
1.	AFJ CO7: Japanese Grammar II	+	
2.	AFJ CO10: Reading and Writing II		+
3.	AFJ CO11: Japanese Phonetics and Phonology		+
4.	AFJ CO12: Listening Skills II		+
5.	AFJ CO2: Japanese Language 1	+	
6.	AFJ CO3: Japanese Grammar 1	+	
7.	AFJ CO4: Function Japanese 1		+
8.	AFJ CO5: Reading and Writing		+
9.	AFJ CO6: Listening Skills 1		+
10.	AFJ CO8: Japanese Language II	+	
11.	AFJ CO9: Function Japanese II	+	
12.	AFJ COI: Introduction to Japanese Languages and People	+	

	BA Japanese Units		
1.	Level 100 AFJ 100: Japanese Language 1	+	
2.	AFJ 101: Japanese Language II	+	
3.	AFJ 102: Commutative Japanese I		+
4.	AFJ 103: Communicative Japanese II		
5.	Level 200 AFJ 200: Japanese Language III	+	
6.	AFJ 201: Japanese Language IV	+	
7.	AFJ 202: Communicative Japanese III		+
8.	AFJ 203: Communicative Japanese IV		+
9.	Elective AFJ 204: Japanese for Tourism and Hospitality I		
10.	Level 300 AFJ 300: Advanced Japanese Language I	+	
11.	AFJ 301: Reading and Writing I	+	
12.	AFJ 302: Advanced Japanese Language II		+
13.	AFJ 303: Reading and Writing II		+
14.	Electives AFJ 304: Japanese for Tourism and Hospitality II	+	
15.	AFJ 305: Geographical and Economic Aspects of Japan	+	
16.	AFJ 306: Translation 1		+
17.	AFJ 307 : Anthropology and Sociology		+
18.	Level 400 AFJ 400: Advanced Japanese Language III	+	
19.	AFJ 401: Reading and Writing III	+	
20.	AFJ 402: Advanced Japanese Language IV		+
21.	AFJ 403: Inter-Cultural Communication		+
22.	Electives AFJ 404: Japanese for Tourism and Hospitality III	+	
23.	AFJ 405: Japanese popular Culture	+	
24.	AFJ 406: Historical Aspects of Japan		+
25.	AFJ 407: Translation II		+
26.	Beginners French Units AFB01: French for Beginners 1		
27.	AFB02: French for Beginners II		
28.	AFB03: French for Beginners III		
29.	Japanese Beginners Units AFJ BO1: Beginners Japanese I	+	
30.	AFJ BO2: Beginners Japanese II	+	
31.	AFJ BO3: Beginners Japanese III		+
32.	AFJ BO4: Beginners Japanese IV		+

	Portuguese Beginners Units		
1.	AFPB 001: Portuguese Language and Cultural 1	+	
2.	AFPB 002: Portuguese Language and Cultural 2	+	
3.	AFPB 003: Portuguese Language and Cultural 3		+
4.	AFPB 004: Portuguese Language and Cultural 4		+
	Diploma in Japanese Units		
5.	AFJ 010: Introduction to Japanese Society in the Modern World	+	
6.	AFJ 011: Japanese Language I	+	
7.	AFJ 012: Japanese Grammar I	+	
8.	AFJ 013: Situational Japanese I	+	
9.	AFJ 014: Japanese Reading and Writing I	+	
10.	AFJ 015: Phonetics and Phonology in Japanese Language	+	
11.	AFJ 020: Cultural Heritage and Affinities with Nature		+
12.	AFJ 021: Japanese Grammar II		+
13.	AFJ 022: Language II		+
14.	AFJ 023: Situational Japanese II		+
15.	AFJ 024: Reading and Writing II		+
16.	AFJ 025: Listening Skills I		+
17.	Third Semester AFJ 030: Business Japanese I		
18.	AFJ 031: Language III		
19.	AFJ 032: Situational Japanese III		
20.	AFJ 033: Reading and Writing III		
21.	AFJ 034: Grammar III		
22.	AFJ 035: Listening Skills II		
23.	Fourth Semester AFJ 040: Business Japanese II		
24.	AFJ 041: Translation		
25.	AFJ 042: Language IV		
26.	AFJ 043: Situational Japanese IV		
27.	AFJ 044: Listening Skills III		
28.	AFJ 045: Reading and Writing IV		
	Level 800 Masters Units Year One Units		
1.	AFF 801: Translation and Interpretation	+	
2.	AFF 802: Aspects of the French Language I		+
3.	AFF 803: French Phonology	+	
4.	AFF 804: Semantics and Lexicology	+	
5.	AFF 805: Field Methods in Language and Literature	+	
	Electives		
6.	AFF 806: History of African and Caribbean Literature in French	+	
7.	AFF 807: Seminar in Literature	+	

8.	AFF 808: Theory and Practice of Textual Criticism		+
9.	AFF 809: French Language in the Modern World		+
Year two			
1.	AFF 811: Translation and Interpretation II	+	
2.	AFF 812: Aspects of the French Language II	+	
3.	AFF 813: History of French Literature	+	
4.	AFF 814: Stylistics		+
5.	AFF 815: Study of Civilizations of the French Speaking World		+
Masters in Teaching French as a Foreign Languages			
Level 800 Year one			
1.	AFF 816: Semiotics: Analysis of Cinema in the Francophone World	+	
2.	AFF 817: Learning of a New Language	+	
3.	AFF 818: Approaches in Literature and Culture	+	
4.	AFF 820: Phonology and Corrective Phonetics	+	
5.	AFF 821: Multilingualism and Identities		+
6.	AFF 822: Grammar and Lexicology		+
7.	AFF 823: Class Observation and Didactical Analysis		+
8.	AFF 824: Trends in Methodology		+
9.	AFF 825: ICT and Teaching/Learning of FFL	+	
10.	AFF 826: Interaction Analysis and Oral Communication	+	
Year two			
11.	AFF 828: Conception of Learning Programmes for Professionals		+
12.	AFF 829: Assessment of Learning Content		+
13.	AFF 830: Intercultural Approach to the Teaching of French as a Foreign Language		+
14.	AFF 832: Advanced Communication Skill		+
Level 900 PHD in French			
1.	AFF 900: PhD Thesis		

Literature

Bachelor of Arts (3:3:2:2)

Level 100			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 100: Critical Reading and Response	+	
2	ALT 101: Introduction to Literary Genres		+
3	ALT 102: Eastern African Oral Literature		+
4	UCU 100: Communication Skills	+	
5	UCU 101 or UCU 104 or UCU 106		+
6	UCU103: Introduction to Critical and Creative Thinking	+	
Level 200			

SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 200: Eastern African Prose Fiction	+	
2	ALT 201: Eastern African Poetry and Drama	+	
3	ALT 202: Survey of African Literature		+
4	ALT 206: Creative Writing (P/R for 418)*	+	
5	ALT 208: Literary Language and Presentation		+
Level 300			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 300: Stylistics and Literary Techniques	+	
2	ALT 301: Theory and Method in Oral Literature	+	
3	ALT 302: Poetry		+
4	ALT 303: Theory and History of Literature		+
5	ALT 305: African American Prose in the USA OR ALT 309: Introduction to Theatre Arts (P/R for 310)*	+	
6	ALT 307: European Literature to the 19th Century OR ALT 310: Theatre Arts Intermediate Course(<i>Prerequisites ALT 309</i>)		+
Level 400			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 400: Literary Aesthetics	+	
2	ALT 401: African Literature	+	
3	ALT 402: Drama		+
4	ALT 403: Modern European Literature		+
5	ALT 410: Drama in Education OR ALT 414: Women in Literature	+	
6	ALT 417: Major Literary Movements		+

Bachelor of Arts (3:3:1:1)

Level 100			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 100: Critical Reading and Response	+	
2	ALT 101: Introduction to Literary Genres	+	
3	ALT 102: Eastern African Oral Literature		+
4	UCU 100: Communication Skills	+	
5	UCU 101 or UCU 104 or UCU 106		+
6	UCU 103: Introduction to Critical and Creative Thinking		+
Level 200			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 200: Eastern African Prose Fiction	+	
2	ALT 201: Eastern African Poetry and Drama	+	
3	ALT 202: Survey of African Literature		+

4	ALT 204: Commonwealth Literature OR ALT 205: Expatriate Literature on Africa	+	
5	ALT 206: Creative Writing (P/R for 418)*		+
6	ALT 208: Literary Language and Presentation		+
Level 300			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 300: Stylistics and Literary Techniques	+	
2	ALT 301: Theory and Method in Oral Literature	+	
3	ALT 302: Poetry		+
4	ALT 303: Theory and History of Literature		+
5	ALT 305: African American Prose in the USA	+	
6	ALT 307: European Literature to the 19th Century		+
7	ALT 308: African Drama: A Special Study Or ALT 311: Theory of Children's Literature (P/R for 407)*	+	
8	ALT 309: Introduction to Theatre Arts (P/R for 310)*		+
9	ALT 310: Theatre Arts Intermediate Course	+	
10	ALT 313: Contemporary Literature from Asia OR ALT 319: Canadian Literature		+
11	ALT 317: Masterpieces in Literature	+	
12	ALT 318: The Novel		+
Level 400			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 400: Literary Aesthetics	+	
2	ALT 401: African Literature	+	
3	ALT 402: Drama		+
4	ALT 403: Modern European Literature		+
5	ALT 404: Caribbean Prose OR ALT 408: Latin American Prose	+	
6	ALT 405: Caribbean Poetry and Drama OR ALT 409: Latin American Poetry and Drama	+	
8	ALT 407: Children's Literature in Africa(<i>Prerequisites ALT 311</i>) OR ALT 415: Women Writers		+
7	ALT 410: Drama in Education OR ALT 414: Women in Literature		+
9	ALT 416: Myth in Literature		+
10	ALT 417: Major Literary Movements	+	
11	ALT 418: Research/Creative Writing Project	+	
12	ALT 418: Research/Creative Writing Project(<i>Prerequisites ALT 206</i>)		+

Bachelor of Education (Arts)

(In addition to Education units and another teaching subject)

Level 100			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 100: Critical Reading and Response	+	
2	ALT 101: Introduction to Literary Genres		+
3	ALT 102: Eastern African Oral Literature		+
4	UCU 100: Communication Skills	+	
5	UCU 101 or UCU 104 or UCU 106		+
6	UCU 103: Introduction to Critical and Creative Thinking	+	
Level 200			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 200: Eastern African Prose Fiction	+	
2	ALT 201: Eastern African Poetry and Drama	+	
3	ALT 202: Survey of African Literature		+
4	ALT 208: Literary Language and Presentation		+
Level 300			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 300: Stylistics and Literary Techniques	+	
2	ALT 301: Theory and Method in Oral Literature	+	
3	ALT 302: Poetry		+
4	ALT 303: Theory and History of Literature		+
Level 400			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 400: Literary Aesthetics	+	
2	ALT 401: African Literature	+	
3	ALT 402: Drama		+
4	ALT 403: Modern European Literature		+

Master of Arts (MA)

MA Programme by Coursework and Thesis

First Year			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 802: Theory of Literature	+	
2	ALT 803: Stylistics and Practical Criticism	+	
3	ALT 804: Oral Literature	+	
4	ALT 805: Modern African Literature	+	
5	ALT 806: Literature and the Historical Process		+
6	ALT 807: African American Literature		+

7	ALT 808: Creative Writing		+
8	ALT 810: Children's Literature	+	
9	ALT 811: Drama in Africa		+
10	ALT 816: European Literature		+
11	AMC 800	+	+
Second Year			
SN	Unit Code and Title	Sem 1	Sem 2
112	ALT 820: MA Thesis (weight of eight units)	+	+

MA Programme by Coursework and Project

First Year			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 802: Theory of Literature	+	
2	ALT 803: Stylistics and Practical Criticism	+	
3	ALT 804: Oral Literature	+	
4	ALT 805: Modern African Literature	+	
5	ALT 806: Literature and the Historical Process		+
6	ALT 807: African American Literature		+
7	ALT 808: Creative Writing		+
8	ALT 810: Children's Literature	+	
9	ALT 811: Drama in Africa		+
10	ALT 816: European Literature		+
11	AMC 800	+	+
Second Year			
SN	Unit Code and Title	Sem 1	Sem 2
12	ALT 812: MA Project (weight of four units)		+
13	ALT 813: Literature from Asia OR ALT 817: African Poetry	+	
14	ALT 814: Latin American Literature OR ALT 819: Women in Literature	+	
15	ALT 815: Caribbean Literature	+	
16	ALT 818: Theatre Arts	+	

MA Programme by Research and Thesis

First and Second Years			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 820: MA Thesis (weight of eighteen units)	+	+

Doctor of Philosophy

PhD Programme by Coursework, Examination and Thesis

First Year			
SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 901: Advanced Literature Research Methodology	+	
2	ALT 902: Advanced Theory	+	
3	ALT 903: Advanced Critical and Creative Writing	+	
4	ALT 904: Writing Project	+	
5	ALT 905: Advanced Techniques of Literary Practice		+
6	ALT 906: Comparative Literature		+
7	ALT 907: Popular Culture and Literature		+
8	ALT 908: Traditions and Modernities		+
9	ALT 909: Special Topic in Literature		+
10	ALT 910: Comprehensive Examination(<i>Prerequisites ALT 901, ALT 902, ALT 903, ALT 904, ALT 905, ALT 906, ALT 907. ALT 908, ALT 909</i>)	+	
Second and subsequent years			
SN	Unit Code and Title	Sem 1	Sem 2
11	ALT 911: Doctoral Research Seminar(<i>prerequisites Successful presentation of a thesis proposal</i>)	+	+
12	ALT 920: PhD Thesis(<i>Prerequisites All taught units, seminar presentations and comprehensive examination</i>)	+	+

PhD Programme by Research and Thesis

First and subsequent years

SN	Unit Code and Title	Sem 1	Sem 2
1	ALT 920: PhD Thesis	+	+

10.2 Department of Sociology, Gender and Development Studies

Bachelor of Arts Gender and Development Studies Programme

Programme Structure

Gender Major

Students can pursue a BA in Gender and Development Studies as a MAJOR by pursuing more subjects in Gender and Development Studies as advised by the Department while combining them with other related subjects in the School of Humanities and Social Sciences. The Bachelor of Arts in Gender and Development Studies shall consist of coursework and examinations. The B.A Gender programme shall take four years. In year one, the candidate shall be required to take a total of 4 units, in year two, the candidate shall be required to take 4 units, in year three the candidate will be required to take a minimum of 8 units and in year four, the candidate shall take a minimum of 8 units, *A unit shall cover 35 contact-hours except for project and thesis.*

Gender Minor

Students from other schools in the University can take Gender and Development Studies units as a MINOR as they pursue their various degree programmes. The Bachelor of Arts in Gender and Development Studies shall consist of coursework and examinations. The B.A Gender and Development programme shall take four years. In year one, the candidate shall be required to take a total of 4 units, in year two, the candidate shall be required to take 4 units, in year three the candidate will be required to take 4 units and in year four, the candidate shall take 4 units.

Duration: 4 Year Programme

SN	Level 100 - Unit codes & titles	Sem 1	Sem 2
1.	AGD 100: Introduction to Gender and Development	+	
2.	AGD 101: Evolution of gender and development	+	
3.	AGD 102: Gender culture and Development		+
4.	AGD 103: Gender, population and Development		+
5.	UCU 101: Development studies	+	+
	Level 200		
6.	AGD 201: Introduction to Gender and Development. Theories	+	
7.	AGD 202: Participatory Approaches in Gender and Development		+
8.	AGD 203: Gender in Agriculture and Development		+
9.	AGD 214: Gender issues in Governance and Development	+	
	Level 300		
10.	ACU 201: Introduction to Statistics in Social Sciences	+	
11.	AGD 300: Gender analysis Frameworks	+	
12.	AGD 301: Gender Based Violence	+	
13.	AGD 303: Gender and Environmental Management	+	
14.	AGD 304: Gender in Regional Cooperation and Development		+
15.	AGD 305: Gender Planning Development and Management		+
16.	AGD 307: Gender Dimensions in Community Mobilization and Development		+
17.	AGD 309: Gender Economic Planning & Policy Development	+	
18.	AGD 313: Gender and Social Change		+
	Electives		
1	ACU 202: Methods and Techniques Social Science Research		+
2	AGD 312: Gender Dimensions in Rural and Urban Development	+	
3	AGD 316: Gender, Children and Development Issues in Africa		+
4	AGD 318: Gender issues in Science, Technology & Development	+	
	Level 400		
19.	AGD 402: Gender Planning Policy Formulation And Implementation		
20.	AGD 403: Gender, Population and Resource Management	+	
21.	AGD 405: Gender. Human Rights Development	+	
22.	AGD 407: Gender, Conflict Management Peale Building	+	
23.	AGD 408: Gender Mainstreaming in Development		+

24.	AGD 410: Gender and Empowerment		+
25.	AGD 411: Gender, Reproductive Health and Human Sexuality		+
26.	AGD 415: Gender, Education and Development		+
	Electives		
1	AGD 401: Project (Equivalent to two units)	+	+
2	AGD 416: Gender and the Media	+	
3	AGD 417: Gender, Religion and Development		+

Masters of Arts in Gender and Development Studies

Programme structure and duration

The Master of Arts degree in Gender and Development studies extends over a period of not less than 18 months from the date of registration.

The course is offered by either: Course work, examination and thesis. Course work, examination and project A Thesis shall be equivalent to 8 units A project shall be equivalent to 4 units *A unit shall cover 35 contact-hours except for project and thesis.* 1st Year

All students will take 8 units as follows: semester 1-Four (4) Core Units One (1) Elective Unit Semester II – Four (4) Core Units One (1) Elective Unit.

2nd Year

Students who undertake their studies through course work, examination and thesis will spend their 2nd year writing a thesis under the supervision of the department Students taking studies by course work, examination and project will take 4 elective courses during the first semester and do research and write their project in the 2nd semester guided by the supervisor(s).

SN	Core Units	Sem 1	Sem 2	Sem 3
1	AMC 800: Research Methods in Social Sciences	+		
2	AGD 800: fundamentals Gender and Development	+		
3	AGD 802: Advanced Theories in Gender & Development	+		
4	AGD 803: Gender and Family in African Development	+		
5	AGD 804: Gender, Law & Governance	+		
6	AGD 805: Gender Policy Planning & Development		+	
7	AGD 806: Gender and Project Development		+	
8	AGD 807: Gender, Organizational Development and Management		+	
9	AGD 809: Gender, Conflict Management and Peace Building		+	
10	PUC 801: Qualitative Research Methods		+	
	Optional Units (take 4)			
1	AGD 808: Images of Women & Men in Media and the Arts			+
2	AGD 812: Transnational Gender, Activism and Research			+
3	AGD 816: Gender & Development Challenges in Africa			+
4	AGD 817: Project (Equivalent to 4 units)	Session 5-6		
5	AGD 818: Thesis Equivalent to 8 units)			

6	AMC 801: Statistics in Social Sciences			+

Doctor of Philosophy

	AGD 900: PhD Thesis		

Diploma in Disaster Management and Prevention**Duration and Pattern of Course**

The Diploma in Disaster Management and Prevention shall consist of coursework, examinations and a project. The diploma programme shall take a minimum of two years. In the two years the student shall take a total of 24 units. In the final semester, a candidate shall also conduct research and submit a project that will be equivalent to two units. *A unit shall cover 35 contact-hours except for project and thesis.*

List of Units

SN	Unit Code and Title	Sem1	Sem2
1.	ASC 050: Introduction to Disaster Management	+	
2.	ASC 051: Environmental Disasters	+	
3.	ASC 052: Social Services in Disaster Situations	+	
4.	ASC 053: Drought, Famine and Food Security	+	
5.	ASC 054: Logistics in Disasters	+	
6.	ASC 055: Food Aid	+	
7.	ASC 056: Theoretical Approaches to Disaster Management		+
8.	ASC 057: Disaster Preparedness and Prevention		+
9.	ASC 058: Project Management for Disaster Situations		+
10.	ASC 059: Disasters and Development		+
11.	ASC 060: Gender Issues in Disaster Management		+
12.	ASC 061: Disaster Information and Communication		+
13.	ASC 062: Disaster Assessment	+	
14.	ASC 063: Research Methods and Statistics	+	
15.	ASC 064: Health, Water and Sanitation Services in Disaster Situations	+	
16.	ASC 065: Counseling and Coping in Disaster Situations	+	
17.	ASC 066: Staff Security In Emergency Settings	+	
18.	ASC 067: Disaster Management for Special Groups	+	
19.	ASC 068: Disaster Management Policies		+
20.	ASC 069: Rehabilitation and Reconstruction		+
21.	ASC 070: Conventions and Legal Issues in Disaster Management		+
22.	ASC 071: Culture, Science, Technology and Disasters		+
23.	ASC 072: Project (Equivalent to two units)		+

Diploma in Crime Management and Prevention

Duration and Pattern of Course

The Diploma in Crime Management and Prevention shall consist of coursework, examinations and a project. The diploma programme shall take a minimum of two years. In the two years the student shall be required to take a total of 24 units. In the final semester, a candidate shall also conduct research and submit a project that will be equivalent to two units. *A unit shall cover 35 contact-hours except for project and thesis.*

List of Units

SN	Unit Code and Unit Title	Sem1	Sem2
1.	ASC 075: Introduction to Sociology and Anthropology	+	
2.	ASC 076: Introduction to Social and Criminal Psychology	+	
3.	ASC 077: Introduction to Criminology	+	
4.	ASC 078: Introduction to Psychology	+	
5.	ASC 079: Social Problems and Deviance	+	
6.	ASC 080: Social Change and Development	+	
7.	ASC 081: Introduction to Law and Society	+	
8.	ASC 082: Methods of Social Inquiry		+
9.	ASC 083: Introduction to Criminal Justice		+
10.	ASC 084: Theories of Crime		+
11.	ASC 085: Effects of Crime		+
12.	ASC 086: Community Based Corrections and Crime Prevention Programmes		+
13.	ASC 087: Criminal Justice Policy	+	
14.	ASC 088: Foundations of Social Statistics	+	
15.	ASC 089: Crime, Culture and Society	+	
16.	ASC 090: Correctional and Rehabilitative Systems	+	
17.	ASC 091: Gender and Crime	+	
18.	ASC 092: Methods of Detecting Crime	+	
19.	ASC 093: Penology		+
20.	ASC 094: Policing in Society		+
21.	ASC 095: Juvenile Delinquency and Justice Systems		+
22.	ASC 096: Criminal Law and Justice		+
23.	ASC 097: Research Project (Equivalent to two units)		+

Bachelor of Arts (Sociology)

Duration and Pattern of Course

The Bachelor of Arts in Sociology shall consist of coursework, examinations and a dissertation. The degree shall take a minimum of four years. The double major (3:3:1:1) will be offered to students who have attained a minimum grade A in the first two years in sociology and a mean grade B in the other two subjects. They shall take 12 units in both the third and fourth year of study (4 core and 2 electives

every semester). They shall write a dissertation in the fourth year. The students who want to major in sociology (3:3:2:2) shall take 8 units every year in the third and fourth year (3 core and 1 elective every semester). Regular students shall take 6 units every year (2 core and 1 elective every semester). Students taking sociology as a minor shall take 4 units every year (2 core units per semester). *A unit shall cover 35 contact-hours except for project and thesis.*

List of Units

SN	Unit Code and Title	Sem1	Sem2
1.	ASC 100: Introduction to Sociology	+	
2.	ASC 101: Introduction to Social Anthropology	+	
3.	ASC 103: Social Structure of African Societies	+	
4.	ASC 200: Introduction to Sociological Theory		+
5.	ACU 201: Introduction to Statistics in Social Sciences	+	
6.	ACU 202: Methods and Techniques of Social Science Research	+	
7.	ASC 205: Rural Sociology		+
8.	ASC 320: Urban Sociology	+	
9.	ASC 301: Sociology of Marriage and the Family	+	
10.	ASC 321: Social Change	+	
11.	ASC 306: Demography and Population Studies	+	
12.	ASC 322: Social Problems (Elective)	+	
13.	ASC 323: Fundamentals of Gender and Society (Elective)	+	
14.	ASC 324: Contemporary Sociological Theories		+
15.	ASC 325: Criminology		+
16.	ASC 326: Community Development		+
17.	ASC 327: Sociology of Health and Illness		+
18.	ASC 328: Sociology of Childhood		+
19.	ASC329: Sociology of Sexuality (Elective)		+
20.	ASC 330: Social Stratification and Mobility (Elective)		+
22.	ASC 331: Sociology of Communication (Elective)		+
23.	ASC 401: Law and Society	+	
24.	ASC 420: Group Dynamics	+	
25.	ASC 404: Environmental Sociology	+	
26.	ASC 421: Dissertation	+	
27.	ASC 422: Sociology of Development	+	
28.	ASC 407: Sociology of Work and Industry (Elective)	+	
29.	ASC 423: Sociology of Science and Technology (Elective)	+	
30.	ASC 424: Sociology of Non-Governmental Organizations (Elective)	+	
			+
31.	ASC 421: Dissertation (Continuation)		+
32.	ASC 425: Political Sociology		+
33.	ASC 426: Sociology of Organizations		+
34.	ASC 408: Sociology of Ageing		+
35.	ASC 427: Sociology of Youth		+

36.	ASC 428: Social Policy and Analysis		+
37.	ASC 429: Culture and Development (Elective)		+
38.	ASC 430: Collective Behaviour (Elective)		+
39.	ASC 410: Sociology of Knowledge(Elective)		+

Master of Arts (Sociology)

Duration and Pattern of Course

The Master of Arts in Sociology shall consist of coursework, examinations and a thesis. The degree programme shall take a minimum of two years. In the first year the student shall take a total of 11 units. In the second year, a candidate shall conduct research and submit a thesis that will be equivalent to four units. *A unit shall cover 35 contact-hours except for project and thesis.*

List of Units

SN	Unit Code and Unit Title		
		Sem1	sem2
1	AGD 803: Gender and Family in African Development	+	
2	AMC 800: Research Methods in Social Sciences	+	
3.	AMC 801: Statistics in Social Sciences		+
4.	ASC 800: Advanced Sociological Theory	+	
5	ASC 801: Philosophy of the Social Sciences	+	
6.	ASC 803: Advanced Rural Sociology	+	
7.	ASC 804: Advanced Demography		+
8.	ASC 806: Advanced Industrial Sociology		+
9.	ASC 807: Advanced Medical Sociology		+
10.	ASC 808: Advanced Urban Sociology		+
11.	ASC 812:Thesis (Equivalent to eight units)	Year II	
12.	UCU 801: Qualitative Research Methods		+

Master of Arts (Community Development)

Duration and Pattern of Course

The Master of Arts in Community Development shall consist of coursework, examinations and a thesis. The degree programme shall take a minimum of two years. In the first year the student shall be required to take a total of 11 units. In the second year, a candidate shall conduct research and submit a thesis that will be equivalent to four units. *A unit shall cover 35 contact-hours except for project and thesis.*

List of Units

SN	Unit Code and Unit Title		
		Sem1	Sem2
1.	ASC 800: Advanced Sociological Theory	+	

2.	ASC 833: Philosophy and Principles of Community Development	+	
3.	ASC 804: Advanced Demography	+	
4.	AMC 800: Research Methods in Social Sciences	+	
5.	ASC 822: Gender and Community Development	+	
6.	ASC 823: Methods and Techniques of Community Development		+
7.	AMC 801: Statistics in Social Sciences		+
8.	PUC 801: Qualitative Research Methods		+
9.	ASC 824: Community Leadership and Social Change		+
10.	ASC 825: Development and Management of Community Projects		+
11.	ASC 830: Social Policy and Planning		+
12.	ASC 812: Thesis (Equivalent to 8 units)	Year 2	

Doctor of Philosophy (PhD) in Sociology

Duration and Pattern of Course

The Doctor of Philosophy degree shall consist of coursework, examinations and thesis. The degree programme shall take a minimum of three years. In the first year the candidate shall be required to take a total of 8 units, one being a seminar semester that shall run for four semesters. For the remainder of the two years a candidate shall conduct research and submit a thesis that will be equivalent to four units. *A unit shall cover 35 contact-hours except for project and thesis.*

SN	Unit Code and Unit Title	Sem1	Sem2
1.	ASC 900: Philosophical Foundations of Sociological Thought	+	
2.	ASC 901: Classical Sociological Theory	+	
3.	ASC 902: Quantitative Sociological Research	+	
4.	ASC 903: Principles and Methods of working with Communities	+	
5.	ASC 904: Advanced Statistics for Sociologists	II	+
6.	ASC 905: Contemporary Sociological Theory	II	+
7.	ASC 906: Qualitative Sociological Research	II	+
8.	ASC 907: Seminar (On area of specialization)	II	+
9.	ASC 912: Thesis	Year 2-3	

10.3 Department of Geography

Undergraduate (Bachelor's) Programmes

Geography is offered under three programmes in the Undergraduate Bachelor's level courses as follows:-

- I. Bachelor of Education; Arts and Science (B.Ed.; Arts and Science)
- II. Bachelor of Arts. (BA)
- III. Bachelor of Science. (B.Sc.)

The above three programmes are offered under three (3) modes of study (Regular (Full-time), Institu-

tional Based (IBP) and Virtual and Open-Learning (VOL), at Kenyatta University.

Undergraduate (Bachelor's) Programmes: - Regular (Full-time) Mode

Bachelor of Education (B.Ed. (Arts); B.Ed. (Science)):- Regular (Full-Time) Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply.

The following is the required number of units in Geography under various academic Level series in the Regular mode programme in the School of Education:-

a). B.Ed. students must take 3 core units in level 100 (First year) and 4 core units in Level 200 (Second year).

b). B.Ed. students who wish to MAJOR in Geography will be required to register in 4 core units and 2 electives at both 300 Level (3rd Year) and 400 Level (4th Year).

c). Those who choose to be REGULARS (that is, take equal units in both teaching subjects) must take all the 4 core units offered, while MINORS will take any 2 core units. This requirement applies to both the 300 and 400 Levels.

d). B.Ed. students under Biological sciences, Special education, Library sciences and Enhancement in Geography are registered as MINORS in Geography and only take two (2) core units at each level as outlined below:-

- Level 100 (1st Year):- AGE 100, AGE 102

- Level 200 (2nd Year):- AGE 200, AGE 203

- Level 300 (3rd Year):- AGE 300, AGE 303

- Level 400 (4th Year):- AGE 402 and EITHER AGE 400 or AGE 401

Undergraduate B.Ed. students can only be allowed to MAJOR in Geography with the approval of the Department.

List of Units across Semesters

Level 100				
SN	Unit code and Title(core)	Sem 1	Sem 2	Prerequisites
1	AGE 100: Introduction to Cartography and Map Analysis	+		
2	AGE 101: Development of Geographical Thought	+		
3	AGE 102: Physical Geography I		+	
Level 200				
SN	Unit code and Title(core)	Sem 1	Sem 2	
1	AGE 200: Qualitative and Quantitative Techniques in Geography	+		AGE 100
2	AGE 201: Physical Geography II	+		AGE 102

3	AGE 202: Human Geography	+	
4	AGE 203: Regional Geography of East Africa	+	
Level 300			
SN	Unit code and Title(core)	Sem 1	Sem 2
1	AGE 300: Aerial Photography and Field Course	+	AGE 200
2	AGE 301: Physical Geography III	+	AGE 201
3	AGE 302: Geography of Africa		+
4	AGE 303: Geography of Development		+
Electives			
5	AGE 304: Biogeography	+	
6	AGE 305: Hydrology and Water Resources I	+	AGE 201
7	AGE 306: Climatology		+
8	AGE 307: Geomorphology	+	AGE 201
9	AGE 308: Arid and semi-Arid Lands (ASAL)		+
10	AGE 309: Settlement Geography	+	AGE 202
11	AGE 310: Agricultural Geography	+	AGE 202
12	AGE 311: Population Geography	+	AGE 202
13	AGE 312: Historical Geography	+	AGE 202
14	AGE 313: Geography of Tourism		+
15	AGE 314: Rural Development	+	AGE 202
16	AGE 315: Geography of Poverty		+
17	AGE 316: Oceanography I	+	AGE 201
18	AGE 317: Geographic Information System (GIS) I	+	
Level 400			
SN	Unit code and Title(core)	Sem 1	Sem 2
1	AGE 400: Remote Sensing and Resource Management	+	AGE 300
2	AGE 401: Environmental Conservation	+	
3	AGE 402: Surveying		+
4	AGE 405: Geography of Hazards		+
Electives			
5	AGE 403: Applied Biogeography		+
6	AGE 404: Hydrology and Water Resources II		+
7	AGE 406: Hydro geomorphology	+	
8	AGE 407: Fluvial Geomorphology	+	AGE 307
9	AGE 408: Rock Material and Structure	+	
10	AGE 409: Applied Climatology	+	AGE 306
11	AGE 410: Urban Geography		+
12	AGE 411: Transport Geography	+	
13	AGE 412: Industrial Geography		+
14	AGE 413: Political Geography		+
15	AGE 414: Regional Planning		+
16	AGE 415: Geography of Marketing	+	AGE 314

17	AGE 416: Geography of Energy	+		
18	AGE 417: Geographic Information Systems (GIS) II		+	AGE 317
19	AGE 418: Oceanography II		+	AGE 316
20	AGE 419: Research Project	+	+	

Bachelor of Arts (B.A) Programme Structure: Regular (Full-Time) Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply

The following regulations shall apply to Bachelor of Arts (B.A.) students combining Geography with other courses (subjects) in the School of Humanities and Social Sciences (SHSS), or any other School of Kenyatta University under Regular (Full-time) mode of study.

The following are the required number of units in Geography under various academic Level series in the Regular mode programme:-

a). Geography students must take 3 core units in the 100 level series (1st Year), and 3 core units and 1 Elective (either AGE 203 or AGE 204) in Level 200 series (2nd Year).

b). In the 300 and 400 series, Geography is offered on 2:2, 2:1, or 1:1 basis

In the 2:2 pattern students will register for 4 core units and 2 electives in the Level 300 and 4 core units and 2 electives in the Level 400.

Those in the 2:1 pattern must register for 4 core units and 4 electives in the Level 300 series and 4 core and 8 electives in the Level 400 series

The 1:1 programme requires a student to register for 12 units in each of the 300 and 400 Level series including the cores. That is, 4 core units and 8 electives in level 300 and again 4 core units and 8 electives in level 400 (3rd year and 4th year respectively).

NOTE

The 2:1 and 1:1 pattern requires that the student request the approval of the Department before registering for the respective units.

2:2 patterns signifies that one is taking equal units in both geography and the other subject in level 300 and level 400. Under this pattern students are considered as Regular and take a total of six (6) units in each level (300 and 400).

Those in 2:1 pattern are registered as Majors in Geography and are expected to take 8 units in level 300 (3rd year), and 12 units in level 400 (4th year).

1:1 pattern is referred to as Double Major. In this category, a student registers for 12 units in each of the levels 300 and 400 (3rd and 4th respectively) including the core units.

To Minor in geography, one is expected to register only for 4 core units at level 300 and 400 (3rd and 4th years respectively). A minor in one subject (discipline) is obviously a major or double major in the other subject(s) in the School of Humanities and Social Sciences (SHSS).

List of Units Across Semesters

Level 100				
SN	Unit code and Title(Core)	Sem 1	Sem 2	Prerequisites
1	AGE 100: Introduction to Cartography and Map Analysis	+		
2	AGE 101: Development of Geographical Thought	+		
3	AGE 102: Physical Geography I		+	
Level 200				
SN	Unit code and Title(core)	Sem 1	Sem 2	
1	AGE 200: Qualitative and Quantitative Techniques in Geography	+		AGE 100
2	AGE 201: Physical Geography II	+		AGE 102
3	AGE 202: Human Geography		+	
Electives				
4	AGE 203: Regional Geography of East Africa		+	
5	AGE 204: Economic Geography	+		
Level 300				
SN	Unit code and Title(core)	Sem 1	Sem 2	
1	AGE 300: Aerial Photography and Field Course	+		AGE 200
2	AGE 301: Physical Geography III	+		AGE 201
3	AGE 302: Geography of Africa		+	
4	AGE 303: Geography of Development		+	
Electives				
5	AGE 304: Biogeography	+		
6	AGE 305: Hydrology and Water Resources I	+		AGE 201
7	AGE 306: Climatology		+	AGE 201
8	AGE 307: Geomorphology	+		AGE 201
9	AGE 308: Arid and semi-Arid Lands (ASAL)		+	AGE 202
10	AGE 309: Settlement Geography	+		AGE 202
11	AGE 310: Agricultural Geography	+		AGE 202
12	AGE 311: Population Geography	+		AGE 202
13	AGE 312: Historical Geography	+		AGE 202
14	AGE 313: Geography of Tourism		+	AGE 202
15	AGE 314: Rural Development	+		AGE 202
16	AGE 315: Geography of Poverty		+	AGE 202
17	AGE 316: Oceanography I	+		AGE 201
18	AGE 317: Geographic Information System (GIS) I	+		
Level 400				
SN	Unit code and Title(core)	Sem 1	Sem 2	
1	AGE 400: Remote Sensing and Resource Management	+		AGE 300
2	AGE 401: Environmental Conservation	+		
3	AGE 402: Surveying		+	

4	AGE 405: Geography of Hazards		+	
	Electives			
5	AGE 403: Applied Biogeography		+	AGE 304
6	AGE 404: Hydrology and Water Resources II		+	AGE 305
7	AGE 406: Hydro geomorphology	+		
8	AGE 407: Fluvial Geomorphology	+		AGE 307
9	AGE 408: Rock Material and Structure	+		
10	AGE 409: Applied Climatology	+		AGE 306
11	AGE 410: Urban Geography		+	
12	AGE 411: Transport Geography	+		
13	AGE 412: Industrial Geography		+	
14	AGE 413: Political Geography		+	
15	AGE 414: Regional Planning		+	AGE 314
16	AGE 415: Geography of Marketing	+		
17	AGE 416: Geography of Energy	+		
18	AGE 417: Geographic Information Systems (GIS) II		+	AGE 317
19	AGE 418: Oceanography II		+	AGE 316
20	AGE 419: Research Project	+	+	

Bachelor of Science (B.Sc) Programme Structure: - Regular (Full-Time) Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply.

The following regulations shall apply to Bachelor of Science (B.Sc.) students combining Geography with other courses (subjects) in the School of Pure and Applied Sciences (SPAS), or any other School of Kenyatta University in the Regular mode of study.

The following regulations shall apply to the B.Sc students taking Geography in various academic Level series under Regular mode in the School of Pure and Applied Sciences (SPAS):-

a). Geography students must take all 4 core units in Level 100 level (1st Year), and 3 core units and 1 Elective in Level 200 (2nd Year).

b). In the level 300 and 400, Geography is offered on 2:2, 2:1, or 1:1 basis

In the 2:2 pattern, students will register for the 4 core units and 1 elective in both levels 300 and 400 (3rd and 4th year respectively).

Those in the 2:1 pattern must register for 4 core units and 3 electives in the level 300 series and 4 core and 6 electives in the level 400 series.

The 1:1 pattern requires a student to register for 10 units in each of the 300 and 400 Levels, including the cores.

NOTE

The 2:1 and 1:1 pattern requires that the student request the approval of the Department before registering for the respective units.

2:2 patterns signifies that one is taking equal units in both geography and the other subject in level 300 and level 400. This pattern is referred to as Regular, and students take a total of five (5) units in each level (300 and 400), including the cores.

2:1 pattern are registered as Majors in Geography and are expected to take 7 units in level 300 (3rd year), and 7 units in level 400 (4th year), including the cores.

1:1 pattern is referred to as Double Major. In this category, a student registers for 10 units in each of the levels 300 and 400 (3rd and 4th respectively) including the core units.

To Minor in geography under Bachelor of Science (B.Sc), one is expected to take only the 3 core units at level 300 and 400 (3rd and 4th years respectively). A minor in one subject (discipline) is obviously a major or double major in the other subject(s) in SPAS.

NOTE: - A student who registers as a Minor in Levels 300 and 400 must take the following core units:-

Level 300:- AGE 300 and AGE 303, and any other one (1) core unit.

Level 400:- AGE 402 and AGE 405 and any other one (1) core unit.

List of Units across Semesters

Level 100				
SN	Unit Code and Unit Title	Sem 1	Sem 2	Prerequisites
	Core			
1	AGE 100: Introduction to Cartography and Map Analysis	+		
2	AGE 101: Development of Geographical Thought	+		
3	AGE 102: Physical Geography I		+	
4	AGE 103: Spatial Organization		+	
Level 200				
SN	Unit Code and Unit Title	Sem 1	Sem 2	Prerequisites
	Core			
1	AGE 200: Qualitative and Quantitative Techniques in Geography	+		AGE 100
2	AGE 201: Physical Geography II	+		AGE 102
3	AGE 203: Regional Geography of East Africa		+	
	Electives			
4	AGE 205: Soil Geography		+	
5	AGE 206: Medical Geography	+		
Level 300				
SN	Unit Code and Unit Title	Sem 1	Sem 2	Prerequisites
	Core			

1	AGE 300: Aerial Photography and Field Course	+		AGE 200
2	AGE 301: Physical Geography III	+		AGE 201
3	AGE 302: Geography of Africa		+	
4	AGE 303: Geography of Development		+	
Electives				
5	AGE 304: Biogeography	+		
6	AGE 305: Hydrology and Water Resources I	+		AGE 201
7	AGE 306: Climatology		+	AGE 201
8	AGE 307: Geomorphology	+		AGE 201
9	AGE 308: Arid and semi-Arid Lands (ASAL)		+	AGE 202
10	AGE 309: Settlement Geography	+		AGE 202
11	AGE 310: Agricultural Geography	+		AGE 202
12	AGE 311: Population Geography	+		AGE 202
13	AGE 312: Historical Geography	+		AGE 202
14	AGE 313: Geography of Tourism		+	AGE 202
15	AGE 314: Rural Development	+		AGE 202
16	AGE 315: Geography of Poverty		+	AGE 202
17	AGE 316: Oceanography I	+		AGE 201
18	AGE 317: Geographic Information System (GIS) I	+		
Level 400				
SN	Unit Code and Unit Title	Sem 1	Sem 2	
Core				
1	AGE 400: Remote Sensing and Resource Management	+		AGE 300
2	AGE 401: Environmental Conservation	+		
3	AGE 402: Surveying		+	
4	AGE 405: Geography of Hazards		+	
Electives				
5	AGE 403: Applied Biogeography		+	AGE 304
6	AGE 404: Hydrology and Water Resources II		+	AGE 305
7	AGE 406: Hydrogeomorphology	+		
8	AGE 407: Fluvial Geomorphology	+		AGE 307
9	AGE 408: Rock Material and Structure	+		
10	AGE 409: Applied Climatology	+		AGE 306
11	AGE 410: Urban Geography		+	
12	AGE 411: Transport Geography	+		
13	AGE 412: Industrial Geography		+	
14	AGE 413: Political Geography		+	
15	AGE 414: Regional Planning		+	AGE 314
16	AGE 415: Geography of Marketing	+		
17	AGE 416: Geography of Energy	+		
18	AGE 417: Geographic Information Systems (GIS) II		+	AGE 317

19	AGE 418: Oceanography II		+	AGE 316
20	AGE 419: Research Project	+	+	

Undergraduate (Bachelor's) Programmes: - IBP Mode

Bachelor of Education (B.Ed. (Arts); B.Ed. (Science):- IBP Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply.

The following regulations shall apply to the B.Ed. (Arts and Science) students taking Geography under the Institutional Based Programme (IBP) in the School of Education:-

Those registered under B.Ed., IBP mode of study shall adopt the blended learning design of Kenyatta University which is a convergence of online (eLearning) and short sessions of face – to – face Lectures. The IBP Blended Learning mode is anchored on Trimester terms in a given academic year of study. The following is the pattern of units at various academic year Levels for IBP mode in the School of Education.

a). B.Ed. students must take 3 core units in level 100 (First year) and 4 core units in Level 200 (Second year).

b). In both Levels 300 and 400 (3rd and 4th year respectively), students registered under Bachelor of Education (Arts or Science) in IBP blended mode of study are encouraged to register as Regular where they take equal number of units in the two teaching subjects.

c). Those combining (taking up) Geography with Biology, Library Science, Special education and Enhancement in geography are considered as minors in Geography and are only expected to register in two (2) core units at each level as outlined below:-

- Level 100 (1st Year):- AGE 100, AGE 102

- Level 200 (2nd Year):- AGE 200, AGE 203

- Level 300 (3rd Year):- AGE 300, AGE 303

- Level 400 (4th Year):- AGE 402 and EITHER AGE 400 or AGE 401

NOTE

Undergraduate B.Ed. students in the IBP mode can only be allowed to MAJOR in Geography with the approval of the Department.

List of Units across Trimesters

Level 100				
SN	Unit code and Title	Sem1	Sem2	Sem3
	Core Units			

1	AGE 100	Introduction to Cartography and Map Analysis	+		
2	AGE 101	Development of Geographical Thought		+	
3	AGE 102	Physical Geography I			+
Level 200					
1	AGE 200	Qualitative and Quantitative Techniques in Geography(<i>Prerequisite AGE 100</i>)	+		
2	AGE 201	Physical Geography II(<i>Prerequisite AGE 102</i>)		+	
3	AGE 202	Human Geography		+	
4	AGE 203	Regional Geography of East Africa			+
Level 300					
1	AGE 300	Aerial Photography and Field Course(<i>Prerequisite AGE 200</i>)	+		
2	AGE 301	Physical Geography III(<i>Prerequisite AGE 201</i>)	+		
3	AGE 302	Geography of Africa		+	
4	AGE 303	Geography of Development			+
Level 400					
1	AGE 400	Remote Sensing and Resource Management(<i>Prerequisite AGE 300</i>)	+		
2	AGE 401	Environmental Conservation		+	
3	AGE 402	Surveying		+	
4	AGE 405	Geography of Hazards			+

Bachelor of Arts (B.A) Programme Structure: IBP Mode of Study

and

Bachelor of Science (B.Sc) Programme Structure: IBP Mode of Study

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply

Students can only be allowed to register for the Blended Learning IBP mode of study in both of the above programmes (BA and B.Sc.) with the approval of respective school(s) and department(s).

Undergraduate (Bachelor's) Programmes: - Virtual and Open Learning (Vol) Mode of Study

Bachelor of Education (B.Ed. (Arts); B.Ed. (Science)) Programme:- Virtual and Open Learning (Vol) Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the Virtual and Open-Learning, shall apply.

The following regulations shall apply to the B.Ed. (Arts and Science) students taking Geography under the Virtual and Open Learning (VoL) mode:-

Those registered under Virtual and Open Learning mode of study shall adopt the blended learning design of Kenyatta University which is a convergence of online and short sessions of face – to – face tutorials. This mode of study is also anchored on Trimester terms in a given academic year of study.

The following regulations shall apply to the B.Ed. (Arts and Science) students taking Geography under Virtual and open learning mode of study:-

Required number of units in Geography under various academic Level series.

a). B.Ed. students must take 3 core units in level 100 (First year) and 4 core units in Level 200 (Second year).

b). B.Ed. students who wish to MAJOR in Geography will be required to register in 4 core units and 2 electives at both Levels 300 (3rd Year) and 400 (4th Year).

c). Those who choose to be REGULARS (that is, take equal units in both teaching subjects) must take all the 4 core units offered, while MINORS will take any 2 core units. This requirement applies to both Level 300 and 400 (3rd and 4th years, respectively).

d). B.Ed. students under Biological sciences, Special education, Library sciences and Enhancement in Geography are registered as MINORS in Geography and only take two (2) core units at each level as outlined below:-

- Level 100 (1st Year):- AGE 100, AGE 102

- Level 200 (2nd Year):- AGE 200, AGE 203

- Level 300 (3rd Year):- AGE 300, AGE 303

- Level 400 (4th Year):- AGE 402 and EITHER AGE 400 or AGE 401

NOTE

Undergraduate B.Ed. students can only be allowed to MAJOR in Geography with the approval of the Department.

List of Units Across Trimesters

Level 100				
SN	Unit Code and Title(core)	Sem1	Sem2	Sem3
1	AGE 100:Introduction to Cartography and Map Analysis	+		
2	AGE 101:Development of Geographical Thought	+		
3	AGE 102:Physical Geography I		+	
Level 200				
SN	Unit Code and Title(core)			
4	AGE 200:Qualitative and Quantitative Techniques in Geography(<i>Prerequisite AGE 100</i>)		+	
5	AGE 201:Physical Geography II(<i>Prerequisite AGE 102</i>)			+
6	AGE 202:Human Geography			+
7	AGE 203:Regional Geography of East Africa	+		
Level 300				
SN	Unit Code and Title(core)			

1	AGE 300:Aerial Photography and Field Course(<i>Prerequisite AGE 200</i>)	+		
2	AGE 301:Physical Geography III(<i>Prerequisite AGE 201</i>)		+	
3	AGE 302:Geography of Africa		+	
4	AGE 303:Geography of Development			+
Electives				
5	AGE 304:Biogeography	+		
6	AGE 305:Hydrology and Water Resources I(<i>Prerequisite AGE 201</i>)			+
7	AGE 306:Climatology(<i>Prerequisite AGE 201</i>)	+		
8	AGE 307:Geomorphology(<i>Prerequisite AGE 201</i>)	+		
9	AGE 308:Arid and semi-Arid Lands (ASAL)(<i>Prerequisite AGE 202</i>)		+	
10	AGE 309:Settlement Geography)(<i>Prerequisite AGE 202</i>)		+	
11	AGE 311:Population Geography)(<i>Prerequisite AGE 202</i>)			+
12	AGE 313:Geography of Tourism)(<i>Prerequisite AGE 202</i>)		+	
13	AGE 316:Oceanography I)(<i>Prerequisite AGE 201</i>)	+		
14	AGE 317:Geographic Information System (GIS) I			+
Level 400				
SN	Unit Code and Title(core)			
1	AGE 400:Remote Sensing and Resource Management)(<i>Prerequisite AGE 300</i>)	+		
2	AGE 401:Environmental Conservation	+		
3	AGE 402:Surveying		+	
4	AGE 405:Geography of Hazards		+	
Electives				
6	AGE 403:Applied Biogeography)(<i>Prerequisite AGE 304</i>)			+
7	AGE 404:Hydrology and Water Resources II)(<i>Prerequisite AGE 305</i>)	+		
8	AGE 406:Hydrogeomorphology		+	
9	AGE 408:Rock Material and Structure		+	
10	AGE 409:Applied Climatology)(<i>Prerequisite AGE 306</i>)			+
11	AGE 410:Urban Geography		+	
12	AGE 411:Transport Geography			+
13	AGE 414:Regional Planning)(<i>Prerequisite AGE 314</i>)			+
14	AGE 417:Geographic Information Systems (GIS) II)(<i>Prerequisite AGE 317</i>)		+	
15	AGE 418:Oceanography II)(<i>Prerequisite AGE 316</i>)		+	
16	AGE 419:Research Project	+	+	+

Bachelor of Arts (B.A) Programme: Virtual and Open Learning (Vol) Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the Virtual and Open-Learning (VOL), shall apply.

The following regulations shall apply to the Bachelor of Arts (BA) students taking Geography in the Virtual and Open Learning (VOL) mode:-

Those registered under Virtual Open Learning mode of study shall adopt the blended learning design of Kenyatta University which is a convergence of online and short sessions of face – to – face tutorials. This programme is also anchored on Trimester terms in a given academic year of study.

The following regulations shall apply to BA students combining Geography with other courses (subjects) in the School of Humanities and Social Sciences (SHSS) under Virtual and open learning mode of study:-

The structure and pattern of study and units in Geography under various academic Level series in VoL mode are as follows:-

- a). Geography students must take 3 core units in the 100 level series (1st Year), and 3 core units and 1 Elective (either AGE 203 or AGE 204) in Level 200 series (2nd Year).
- b). In the 300 and 400 series, Geography is offered on 2:2, 2:1, or 1:1 basis:-
 - i. In the 2:2 pattern students will register for the 4 core units and 2 electives in the Level 300 series and 4 core units and 2 electives in the Level 400 series
 - ii. Those in the 2:1 pattern must register for 4 core units and 4 electives in the Level 300 series and 4 core and 8 electives in the Level 400 series
 - iii. The 1:1 pattern requires a student to register for 12 units in each of Levels 300 and 400, including the cores. That is, 4 core units and 8 electives in level 300 and again 4 core units and 8 electives in level 400 (3rd and 4th years respectively).

NOTE

The 2:1 and 1:1 pattern requires that the student request the approval of the Department before registering for the respective units.

2:2 Pattern signifies that one is taking equal units in both geography and the other subject in level 300 and level 400. These are registered as Regular students and take a total of six (6) units in each level (300 and 400).

2:1 are registered as Majors in Geography and are expected to take 8 units in level 300 (3rd year), and 12 units in level 400 (4th year), including the cores.

1:1 pattern is referred to as Double Major. In this category, a student registers for 12 units in each of the levels 300 and 400 (3rd and 4th respectively) including the core units.

To Minor in geography, one is expected to take only the 4 core units at level 300 and 400 (3rd and 4th years respectively). A minor in one subject (discipline) is obviously a major or double major in the other subject(s).

List of Units Across Trimesters

Level 100				
SN	Unit Code and Title(core)	Sem1	Sem2	Sem3
1	AGE 100:Introduction to Cartography and Map Analysis	+		
2	AGE 101:Development of Geographical Thought	+		
3	AGE 102:Physical Geography I		+	
Level 200				
SN	Unit Code and Title(core)			
1	AGE 200:Qualitative and Quantitative Techniques in Geography)(<i>Prerequisite AGE 100</i>)		+	
2	AGE 201:Physical Geography II)(<i>Prerequisite AGE 102</i>)			+
3	AGE 202:Human Geography			+
Electives				
4	AGE 203:Regional Geography of East Africa	+		
5	AGE 204:Economic Geography		+	
Level 300				
SN	Unit Code and Title(core)			
1	AGE 300:Aerial Photography and Field Course)(<i>Prerequisite AGE 200</i>)	+		
2	AGE 301:Physical Geography III)(<i>Prerequisite AGE 201</i>)		+	
3	AGE 302:Geography of Africa		+	
4	AGE 303:Geography of Development			+
Electives				
5	AGE 304:Biogeography	+		
6	AGE 305:Hydrology and Water Resources I)(<i>Prerequisite AGE 201</i>)			+
7	AGE 306:Climatology)(<i>Prerequisite AGE 201</i>)	+		
8	AGE 307:Geomorphology(<i>Prerequisite AGE 201</i>)	+		
9	AGE 308:Arid and semi-Arid Lands (ASAL)(<i>Prerequisite AGE 201</i>)		+	
10	AGE 309:Settlement Geography(<i>Prerequisite AGE 201</i>)		+	
11	AGE 311:Population Geography(<i>Prerequisite AGE 202</i>)			+
12	AGE 313:Geography of Tourism(<i>Prerequisite AGE 202</i>)		+	
13	AGE 316:Oceanography I(<i>Prerequisite AGE 201</i>)	+		
14	AGE 317:Geographic Information System (GIS) I			+
Level 400				
SN	Unit Code and Title(core)			
1	AGE 400:Remote Sensing and Resource Management(<i>Prerequisite AGE 300</i>)	+		
2	AGE 401:Environmental Conservation	+		
3	AGE 402:Surveying		+	
4	AGE 405:Geography of Hazards		+	

	Electives			
5	AGE 403:Applied Biogeography(<i>Prerequisite AGE 304</i>)			+
6	AGE 404:Hydrology and Water Resources II(<i>Prerequisite AGE 305</i>)	+		
7	AGE 406:Hydro geomorphology		+	
8	AGE 408:Rock Material and Structure		+	
9	AGE 409:Applied Climatology(<i>Prerequisite AGE 306</i>)			+
10	AGE 410:Urban Geography		+	
11	AGE 411:Transport Geography			+
12	AGE 414:Regional Planning(<i>Prerequisite AGE 314</i>)			+
13	AGE 417:Geographic Information Systems (GIS) II(<i>Pre-requisite AGE 317</i>)		+	
14	AGE 418:Oceanography II(<i>Prerequisite AGE 316</i>)		+	
15	AGE 419:Research Project	+	+	+

Bachelor of Science (B.Sc.) Programme Structure: Virtual and Open Learning Mode

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Bachelor's degree programme under the three (3) modes of study (Regular, Institutional Based and Virtual and Open-Learning), shall apply.

The following regulations shall apply to Bachelor of Science (B.Sc.) students combining Geography with other courses (subjects) in the School of Pure and Applied Sciences (SPAS), or any other School of Kenyatta University.

The following regulations shall apply to B.Sc. Students taking Geography in various academic Level series under Virtual and open learning mode.

- a). Geography students must take all 4 core units in Level 100 level (1st Year), and 3 core units and 1 Elective in Level 200 series (2nd Year).
- b). In the levels 300 and 400, Geography is offered on 2:2, 2:1, or 1:1 basis
- i). The 2:2 pattern, students will register for the 4 core units and 1 elective in both levels 300 and 400 (3rd and 4th year respectively).
- ii). Those in the 2:1 pattern must register for 4 core units and 3 electives in the level 300 series and 4 core and 6 electives in the level 400 series.
- iii). The 1:1 pattern requires a student to register for 10 units in each of the 300 and 400 series including the cores.

NOTE:-

The 2:1 and 1:1 pattern requires that the student request the approval of the Department before registering for the respective units.

2:2 Pattern signifies that one is taking equal units in both geography and the other subject in level 300 and level 400. These are registered as Regular students and take a total of five (5) units in each level (300

and 400), including the cores.

2:1 are registered as Majors in Geography and are expected to take 7 units in level 300 (3rd year), and 7 units in level 400 (4th year), including the core.

1:1 pattern is referred to as Double Major. In this category, a student registers for 10 units in each of the levels 300 and 400 (3rd and 4th respectively) including the core units.

To Minor in geography under Bachelor of Science (B.Sc), one is expected to take only the 3 core units at level 300 and 400 (3rd and 4th years respectively). A minor in one subject (discipline) is obviously a major or double major in the other subject(s).

A student who registers as a Minor in Levels 300 and 400 must take the following core units:-

- Level 300:- AGE 300 and AGE 303, and any other one (1) core unit.
- Level 400:- AGE 402 and AGE 405 and any other one (1) core unit.

List of Units across Trimesters

Level 100				
SN	Unit Code and Title(core)	Sem1	Sem2	Sem3
1	AGE 100:Introduction to Cartography and Map Analysis	+		
2	AGE 101:Development of Geographical Thought	+		
3	AGE 102:Physical Geography I		+	
4	AGE 103:Spatial organization		+	
Level 200				
SN	Unit Code and Title(core)			
1	AGE 200:Qualitative and Quantitative Techniques in Geography(<i>Pre-requisite AGE 100</i>)		+	
2	AGE 201:Physical Geography II(<i>Prerequisite AGE 102</i>)			+
3	AGE 203:Regional Geography of East Africa	+		
Electives				
4	AGE 205:Soil Geography	+		
5	AGE 206:Medical Geography		+	
Level 300				
SN	Unit Code and Title(core)			
1	AGE 300:Aerial Photography and Field Course(<i>Prerequisite AGE 200</i>)	+		
2	AGE 301:Physical Geography III(<i>Prerequisite AGE 201</i>)		+	
3	AGE 302:Geography of Africa		+	
4	AGE 303:Geography of Development			+
Electives				
5	AGE 304:Biogeography	+		
6	AGE 305:Hydrology and Water Resources I(<i>Prerequisite AGE 201</i>)			+
7	AGE 306:Climatology(<i>Prerequisite AGE 201</i>)	+		
8	AGE 307:Geomorphology(<i>Prerequisite AGE 201</i>)	+		
9	AGE 308:Arid and semi-Arid Lands (ASAL)(<i>Prerequisite AGE 202</i>)		+	

10	AGE 309:Settlement Geography)(<i>Prerequisite AGE 202</i>)		+	
11	AGE 311:Population Geography)(<i>Prerequisite AGE 202</i>)			+
12	AGE 313:Geography of Tourism)(<i>Prerequisite AGE 202</i>)		+	
13	AGE 316:Oceanography I)(<i>Prerequisite AGE 201</i>)	+		
14	AGE 317:Geographic Information System (GIS) I			+
Level 400				
SN	Unit Code and Title(core)			
1	AGE 400:Remote Sensing and Resource Management)(<i>Prerequisite AGE 300</i>)	+		
2	AGE 401:Environmental Conservation	+		
3	AGE 402:Surveying		+	
4	AGE 405:Geography of Hazards		+	
Electives				
5	AGE 403:Applied Biogeography)(<i>Prerequisite AGE 304</i>)			+
6	AGE 404:Hydrology and Water Resources II)(<i>Prerequisite AGE 305</i>)	+		
7	AGE 406:Hydrogeomorphology		+	
8	AGE 408:Rock Material and Structure		+	
9	AGE 409:Applied Climatology)(<i>Prerequisite AGE 306</i>)			+
10	AGE 410:Urban Geography		+	
11	AGE 411:Transport Geography			+
12	AGE 414:Regional Planning)(<i>Prerequisite AGE 314</i>)			+
13	AGE 417:Geographic Information Systems (GIS) II)(<i>Prerequisite AGE 317</i>)		+	
14	AGE 418:Oceanography II)(<i>Prerequisite AGE 316</i>)		+	
15	AGE 419:Research Project	+	+	+

Postgraduate Degree Programmes in Geography

Master's degree in the Department of Geography is offered under four (4) programmes as follows:-

1. Master of Arts (MA) in Geography
2. Master of Science (MA/M.Sc.) in Geography
3. Master of Science (M.Sc.) in Hydrology and Water Resources
4. Master of Science (M.Sc.) in Integrated Watershed Management (IWM)

Master of Arts (MA) in Geography, Master of Science (M.Sc.) in Geography and Master of Science (M.Sc.) in Hydrology and Water Resources are offered under the following three (3) modes of study:-

- I. Regular (Full-time) Mode
- II. Institutional Based (IBP) Mode and
- III. Virtual and Open-Learning (VoL) mode, of Kenyatta University.

Master of Science (M.Sc.) in Integrated Watershed Management (IWM) is offered only through Regular (Full-time) mode of study in two (2) semesters per a given academic year at Kenyatta University.

Master's Degree Programme: - Regular (Full-Time) Mode of Study

Master of Arts (Ma) in Geography: - Regular (Full-Time) Mode

The department of Geography offers several areas of specialization under Master of Arts (MA) Programme as outlined below:-

Agricultural Geography

Economic and Industrial Geography

Population and Settlement Geography

Transport Geography

Urban and Regional Planning

Geography of Marketing

All the above areas of specialization in the MA. degree programme are registered under the School of Humanities and Social Sciences (SHSS) of Kenyatta University.

Master of Arts (Ma) in Geography (Agricultural Geography):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode, shall apply. MA in Geography courses are undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters equivalent to two (2) academic years.

The outlined structure and pattern of the course shall be followed upon registering for Master of Arts (MA) in Geography (Agricultural Geography):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

-Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

-Upon approval by supervisors, the student shall present the MA research proposal at departmental post-graduate seminar series

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School for registration.

-Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors

-After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors

-With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.

-The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisor(s) - student interactions.

List of Units across Semesters

SN	Unit Code and Title(core)	Year 1		Year 2	
		Semesters			
		1	2	3	4
1	AMC 800: Research Methods in social sciences	+			
2	AGE 801: Geographic Thought and Methodology	+			
3	AGE 802: Advanced Quantitative Techniques		+		
	MA. Units (Agricultural Geography)(core)				
1	AGE 803: Agricultural Systems and Rural Land-Use	+			
2	AGE 804: Agricultural Development Issues in Africa	+			
3	AGE 805: Methods and Techniques of Agricultural Geography		+		
4	AGE 806: Contemporary Issues in Geography	+			
	Electives				
5	AGE 810: Origin and Development of Climatology	+			
6	AGE 813: Climate Change and Sustainability	+			
7	AGE 865: Watershed Use, Planning and Management	+			

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (Ma) In Geography (Economic and Industrial Geography):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode of study shall apply. MA in Geography course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters equivalent to two (2) academic years.

The outlined structure and pattern of the course shall be followed upon registering in MA in Geography (Economic and Industrial Geography):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.

ii). Electives are chosen from a number of units in related areas/fields offered by the Department.

iii). In the second year of study and after completion of coursework, candidates are required to:-

-Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

-Upon approval by supervisors, the student shall present the MA research proposal at departmental post-graduate seminar series

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School for registration.

-Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors

-After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors

-With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.

-The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units across Semesters

SN	Unit Code and Title(core)	Year 1	Year 2		
		Semesters			
		1	2	3	4
1	AMC 800: Research Methods in social sciences	+			
2	AGE 801: Geographic Thought and Methodology	+			
3	AGE 802: Advanced Quantitative Techniques		+		
MA. Units (Economic And Industrial Geography)(core)					
4	AGE 814: Locational Behaviour and Analysis		+		

5	AGE 815: Economic Geography of Africa	+			
6	AGE 816: Methods and Techniques of Economic Geography	+			
7	AGE 819: Methods and Techniques of Industrial Geography		+		
Electives					
8	AGE 817: Spatial Perspectives of Development and Under Development	+			
9	AGE 818: Industrial Location and Regional Development		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (Ma) in Geography (Population and Settlement Geography):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode of study shall apply. MA in Geography courses are undertaken through Coursework, Examination and Thesis, over a period of at least 24 months under two (2) Semesters equivalent to two (2) academic years.

The outlined structure and pattern of the course shall be followed upon registering in MA in Geography (Population and Settlement Geography):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take five (5) core units in respective areas of specialization and one (1) elective, a total of nine (9) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

- ☐ Develop a concept paper on a research topic/problem and present to departmental faculty and peers.
- ☐ At least two supervisors shall be identified to guide the student in developing a Master's degree research proposal.
- ☐ Upon approval by supervisors, the student shall present the MA research proposal at departmental postgraduate seminar series
- ☐ After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.
- ☐ Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors.

- ☐ After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- ☐ With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- ☐ The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA. Units (Population And Settlement Geography)				
	Core				
4	AGE838: Population Theories and Demographic Data Analysis	+			
5	AGE 839: Methods and Techniques of Demography	+			
6	AGE 841: Population Pressure and Environmental Change	+			
7	AGE 843: Methods and Techniques of Settlement Geography	+			
8	AGE 844: Population and Settlement in Africa		+		
	Electives				
9	AGE 840: Fertility, Mortality and Migration Dynamics		+		
10	AGE 842: Principles of Settlement Geography		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (MA) in Geography (Transport Geography):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode shall apply. MA in Geography course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters equivalent to two (2) academic years.

Programme Structure and Pattern:-

The outlined structure and pattern of the course shall be followed upon registering in MA in Geography (Transport Geography):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

- ☐ Develop a concept paper on a research topic/problem and present to departmental faculty and peers.
- ☐ Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.
- ☐ Upon approval by supervisors, the student shall present the MA research proposal at departmental postgraduate seminar series
- ☐ After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.
- ☐ Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors
- ☐ After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- ☐ With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- ☐ The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core Units				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA. Units (Transport Geography)				
	Core				
4	AGE 828: Principles of Transport Geography I	+			

5	AGE 829: Principles of Transport Geography II	+			
6	AGE 830: Methods and Techniques of Transport Geography	+			
7	AGE 831: Transport Logistics in Development		+		
Electives					
8	AGE 833: Urban and Regional Planning		+		
9	AGE 837: African Urban and Regional Economic Development		+		
10	AGE 841: Population Pressure and Environmental Change		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (Ma) in Geography (Urban and Regional Planning):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular programme shall apply. MA in Geography courses are undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters equivalent to two (2) academic years.

Programme Structure and Pattern:-

The outlined structure and pattern of the course shall be followed upon registering in MA in Geography (Urban and Regional Planning):-

i). during the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take six (6) core units in respective areas of specialization and one (1) elective, a total of ten (10) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

-Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-At least two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

-Upon approval by supervisors, the student shall present the MA research proposal at departmental post-graduate seminar series

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.

-Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors

- After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA. Units (Urban And Regional Planning)				
	Core				
4	AGE 832: Regional and Urban Spatial Patterns and Theories	+			
5	AGE 833: Urban and Regional Planning		+		
6	AGE 834: Methods and Techniques of Planning Analysis		+		
7	AGE 835: Urban Development	+			
8	AGE 836: Rural Development	+			
9	AGE 837: African Urban and Regional Economic Development		+		
	Electives				
10	AGE 840: Fertility, Mortality and Migration Dynamics		+		
11	AGE 841: Population Pressure and Environmental Change		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (MA) in Geography (Geography of Marketing):- Regular Mode of Study

The General regulations for all Master's degree in the School of Humanities and Social Sciences (SHSS) shall apply.

Programme Duration and Pattern

Duration: - The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode shall apply. MA in Geography courses are undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters in each academic year.

The outlined structure and pattern of the course shall be followed upon registering in MA in Geography

(Geography of Marketing):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

-Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

-Upon approval by supervisors, the student shall present the MA research proposal at departmental post-graduate seminar series

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.

-Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors

-After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors

-With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.

-The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA. Units (Geography Of Marketing)				
	Core				
1	AGE 824: Systems of Central Places and Location of Marketing	+			
2	AGE 825: Marketing Systems and Regions	+			

3	AGE 826: Methods and Techniques of Marketing Geography	+			
4	AGE 827: Rural Periodic Market Systems		+		
Electives					
5	AGE 818: Industrial Location and Regional Development		+		
6	AGE 832: Regional and Urban Spatial Patterns and Theories		+		
7	AGE 844: Population and Settlement in Africa		+		

Masters Thesis

1.	AGE 868: Master's Thesis			+	+

Master of Arts (MA)/Science (M.Sc.) in Geography: - Regular (Full-Time) Mode Of Study

The department of Geography has several MA/M.Sc. Programmes in the following areas of specialization:-

- a). Biogeography
- b). Climatology
- c). Geomorphology

All the above Master's degree programmes are registered either under the School of Humanities and Social Sciences (SHSS) for MA or in the School of Pure and Applied Sciences for M.Sc.

Master of Arts (MA)/Science (M.Sc.) in Geography (Biogeography):- Regular Mode Of Study

The General regulations for all Master's degree in either the School of Humanities and Social Sciences (SHSS) and/or School of Pure and Applied Sciences (SPAS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode of study shall apply. MA/M.Sc. in Geography course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters in each academic year.

The outlined structure and pattern of the course shall be followed upon registering in MA/M.Sc. in Geography (Biogeography):-

- i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.
- ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.
- iii). In the second year of study and after completion of coursework, candidates are required to:-
 - Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

-Upon approval by supervisors, the student shall present the MA/M.Sc. research proposal at departmental postgraduate seminar series

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.

-Upon registering with Graduate school the student embarks on his/her MA/M.Sc. field research (data collection) and review of related literature through guidance from appointed supervisors

-After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors

-With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.

-The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA/M.Sc. Units (Biogeography)				
	Core				
1	AGE 807: Ecological Biogeography	+			
2	AGE 808: Methods and Techniques of Biogeography	+			
3	AGE 809: Palaeoecology		+		
4	SZL 896: Wildlife Behaviour and Management		+		
	Electives				
5	AGE 813: Climate Change and Sustainability		+		
6	AGE 823: Regional Studies in Landform Development		+		
7	AGE 854: Ecohydrology		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (MA)/Science (M.Sc.) in Geography (Climatology):- Regular Mode of Study

The General regulations for all Master's degree in either the School of Humanities and Social Sciences (SHSS) and/or School of Pure and Applied Sciences (SPAS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode shall apply. MA/M.Sc. in Geography course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters in each academic year.

The outlined structure and pattern of the course shall be followed upon registering in MA/M.Sc. in Geography (Climatology):-

i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.

ii). Electives are chosen from a number of units in related areas/fields offered in the Department of Geography.

iii). In the second year of study and after completion of coursework, candidates are required to:-

- ☐ Develop a concept paper on a research topic/problem and present to departmental faculty and peers.
- ☐ Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.
- ☐ Upon approval by supervisors, the student shall present the MA/M.Sc. research proposal at departmental postgraduate seminar series
- ☐ After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.
- ☐ Upon registering with Graduate school the student embarks on his/her MA/M.Sc. field research (data collection) and review of related literature through guidance from appointed supervisors
- ☐ After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- ☐ With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- ☐ The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units Across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA/M.Sc. Units (Climatology)				
	Core				
1	AGE 810: Origin and Development of Climatology	+			
2	AGE 811: Applied Tropical Climatology of Africa	+			
3	AGE 812: Methods and Techniques of Climatology		+		
4	AGE 813: Climate Change and Sustainability		+		
	Electives				
5	AGE 807: Ecological Biogeography	+			
6	AGE 823: Regional Studies in Landform Development		+		
7	AGE 865: Watershed Use, Planning and Management		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Arts (MA)/Science (M.Sc.) in Geography (Geomorphology):- Regular Mode of Study

The General regulations for all Master's degree in either the School of Humanities and Social Sciences (SHSS) and/or School of Pure and Applied Sciences (SPAS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode of study shall apply. The MA/M.Sc. in Geography course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters in each academic year.

The outlined structure and pattern of the course shall be followed upon registering in MA/M.Sc. in Geography (Geomorphology):-

- i). During the first year of study, candidates must take three common core units (AMC 800, AGE 801 and AGE 802). In addition students will be expected to take four (4) core units in respective areas of specialization and one (1) elective, a total of eight (8) units.
- ii). Electives are chosen from a number of units in related areas/fields offered in the Department.
- iii). In the second year of study and after completion of coursework, candidates are required to:-

- Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

- ☐ At least two supervisors shall be identified to guide the student in developing a Master's degree research proposal.
- ☐ Upon approval by supervisors, the student shall present the MA/M.Sc. research proposal at departmental postgraduate seminar series
- ☐ After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School.
- ☐ Upon registering with Graduate school the student embarks on his/her MA/M.Sc. field research (data collection) and review of related literature through guidance from appointed supervisors
- ☐ After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- ☐ With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- ☐ The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units Across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 801: Geographic Thought and Methodology	+			
2	AGE 802: Advanced Quantitative Techniques		+		
3	AMC 800: Research Methods in social sciences	+			
	MA/M.Sc. Units (Geomorphology)				
	Core				
1	AGE 820: Geomorphological Principles I	+			
2	AGE 821: Geomorphological Principles II		+		
3	AGE 822: Methods and Techniques of Geomorphology	+			
4	AGE 823: Regional Studies in Land Form Development		+		
	Electives				
5	AGE 807: Ecological Biogeography	+			
6	AGE 813: Climate Change and Sustainability		+		
7	AGE 865: Watershed Use, Planning and Management		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Science (M.Sc.) in Hydrology and Water Resources: - Regular (Full-Time) Mode

The General regulations for all Master's degree in the School of Pure and Applied Sciences (SPAS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular programme shall apply. M.Sc. Hydrology and water resources course is undertaken through Coursework, Examination and Thesis, over a period of atleast 24 months under two (2) Semesters in each academic year.

The programme of study for the M.Sc., degree in Hydrology and Water Resources consist of course-work, examination and Thesis.

1. In the first year of study Students shall take units for coursework as follows:-

- i). Students will take a minimum of eight (8) units, seven (7) of which are core units.
- ii). Students are expected to take 1 (one) elective chosen from two or more in the relevant area of specialization offered in the department.

2. In the second year of study candidates will be required to carry out research and present a thesis as follows:-

- i). Develop a concept paper on a research topic/problem and present to departmental faculty and peers.

-Atleast two supervisors shall be identified to guide the student in developing a Master's degree research proposal.

- ii). Upon approval by supervisors, the student shall present the M.Sc. in Hydrology and Water Resources, research proposal at departmental postgraduate seminar series.

-After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School for registration.

- iii). Upon registering with Graduate school the student embarks on his/her M.Sc. field research (data collection) and review of related literature through guidance from appointed supervisors

-After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors

-With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.

-The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who will either pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units Across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 845: Hydrological Processes	+			
2	AGE 846: Ground Water Hydrology	+			
3	AGE 847: Hydrometry and Surface Water Hydrology	+			

4	AGE 848: Hydraulics, Drainage Basins and Applied Hydrology	+			
5	AGE 849: Assessment and Management of Water Resources	+			
6	AGE 850: Hydrological Data Management and Processing		+		
7	AGE 851: Agricultural Hydrology		+		
8	AGE 852: Environmental Aspects of Hydrology		+		
Electives					
9	AGE 853: Hydrology of Arid and Semi-Arid Lands (ASALS)		+		
10	AGE 854: Ecohydrology		+		
11	AGE 855: Urban Hydrology		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master of Science (M.Sc.) in Integrated Watershed Management: - Regular (Full-time) Mode of Study.

The General regulations for all Master's degree in the School of Pure and Applied Sciences (SPAS) shall apply.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programme under the Regular mode shall apply. M.Sc. in Integrated Watershed Management is undertaken through Coursework, Examination and Thesis, over a period of at least 24 months under two Semesters in each academic year.

Duration and Pattern of the courses

The programme of study for the M.Sc., degree in Integrated Watershed Management is undertaken through coursework, examination and Thesis.

In the first year of study, the students will take a minimum of eight (8) units, seven (7) of which are CORE.

The rest will be one (1) elective chosen from two or more in the specialised areas offered by the department.

In the first semester of the second year of study, candidates will be required to take one (1) core unit and then embark on M.Sc. research and present a thesis.

In the second year of study, after completion of the coursework, students shall be expected to:-

- ☐ Develop a concept paper on a research topic/problem and present to departmental faculty and peers.
- ☐ At least two supervisors shall be identified to guide the student in developing a Master's degree research proposal.
- ☐ Upon approval by supervisors, the student shall present the M.Sc. in Integrated Watershed Man-

agement research proposal at departmental postgraduate seminar series

- ☐ After making suggested corrections, the candidate shall submit the final proposal draft to University Graduate School for registration.
- ☐ Upon registering with Graduate school the student embarks on his/her MA field research (data collection) and review of related literature through guidance from appointed supervisors
- ☐ After analysing and computing results, the student shall presents his/her Thesis drafts to supervisors
- ☐ With approval of supervisors, the candidate compiles final Thesis draft and submits to Graduate School, to await examiners reports and grading.
- ☐ The candidate shall be invited for oral defence at Graduate school Board of post graduate examiners, who shall arrive at a verdict of either to pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

List of Units Across Semesters

SN	Unit Code and Title	Year 1		Year 2	
		Semesters			
		1	2	3	4
	Core				
1	AGE 856: Principles of Integrated Water Resources Management	+			
2	AGE 857: Policy and Interventions in Watershed Management	+			
3	AGE 858: Mapping, Field and Laboratory Techniques	+			
4	AGE 859: Computing For Watershed Management	+			
5	AGE 860: Watershed Degradation and Rehabilitation	+			
6	AGE 861: Remote Sensing and Geographical Information Systems		+		
7	AGE 862: Socio-Economic, Legal & Administrative Aspects of Watershed Management	+			
8	AGE 865: Watershed Use, Planning and Management		+		
9	AGE 866: Environmental Impact Assessment in a Watershed		+		
10	AGE 867: Watershed Evaluation			+	
	Electives				
11	AGE 863: Demand and Supply of Watershed Resources		+		
12	AGE 864: Hydrological Processes and Watershed Modelling		+		

Masters Thesis

	AGE 868: Master's Thesis			+	+

Master's Degree Programmes in Geography: - IBP and Virtual and Open Learning Mode of Study

AS outlined earlier the following Master's degrees in the Department of Geography are also offered under Institutional Based, as well as Virtual and Open Learning Programmes:-

I. Master of Arts (MA) in Geography

II. Master of Science (M.Sc.) in Geography

III. Master of Science (M.Sc.) in Hydrology and Water Resources.

Programme Duration and Pattern

The general Kenyatta University rules on the duration of the Master's degree programmes under Institutional Based (IBP) and Virtual and Open-Learning (VOL) shall apply.

The following regulations shall apply to the Master of Arts (MA), Master of Science (M.Sc.), and M.Sc. in Hydrology and Water Resources students taking Geography units under IBP and VOL modes of study:-

The two modes of study shall adopt the blended learning design of Kenyatta University which is a convergence of online and short sessions of Lectures for the case of IBP and short face – to – face tutorials in VOL mode of study. -The two modes of study are also anchored on Trimester terms in a given academic year of study.

The structure and pattern followed in the three (3) Masters programme under the two (IBP and VOL) modes of study are similar to respective patterns under the Regular mode of study in the two (2) academic years as outlined in the previous sections.

List of Units Across Trimesters

Y1,2,3=Academic years							
T1,2,3=Trimesters within a given year of study							
Common Core Units							
		Year1			Year2		
SN	Unit Code and Title	S1	S2	S3	S1	S2	S3
1	AGE 801: Geographic Thought and Methodology	+					
2	AGE 802: Advanced Quantitative Techniques			+			
3	AMC 800: Research Methods in social sciences	+					
MA:- Agricultural Geography							
SN	Unit Code and Title						
	Core						
1	AGE 803: Agricultural Systems and Rural Land-Use	+					
2	AGE 804: Agricultural Development Issues in Africa	+					
3	AGE 805: Methods and Techniques of Agricultural Geography		+				
	AGE 806: Contemporary Issues in Geography		+				
Electives							
4	AGE 810: Origin and Development of Climatology		+				
5	AGE 813: Climate Change and Sustainability			+			

6	AGE 865: Watershed Use, Planning and Management			+			
MA:- Economic and Industrial Geography							
SN	Unit Code and Title						
	Core						
1	AGE 814: Locational Behaviour and Analysis	+					
2	AGE 815: Economic Geography of Africa	+					
3	AGE 816: Methods and Techniques of Economic Geography		+				
4	AGE 819: Methods and Techniques of Industrial Geography		+				
	Elective						
5	AGE817:Spatial Perspectives of Development and Under Development	+					
6	AGE 818: Industrial Location and Regional Development		+				
MA:- Population and Settlement Geography							
SN	Unit Code and Title						
	Core						
1	AGE 838: Population Theories and Demographic Data Analysis	+					
2	AGE 839: Methods and Techniques of Demography		+				
3	AGE 841: Population Pressure and Environmental Change	+					
4	AGE 843: Methods and Techniques of Settlement Geography		+				
5	AGE 844: Population and Settlement in Africa		+				
	Electives						
6	AGE 840: Fertility, Mortality and Migration Dynamics			+			
7	AGE 842: Principles of Settlement Geography			+			
MA:- Transport Geography							
SN	Unit Code and Title						
	Core						
1	AGE 828: Principles of Transport Geography I	+					
2	AGE 829: Principles of Transport Geography II		+				
3	AGE 830: Methods and Techniques of Transport Geography		+				
4	AGE 831: Transport Logistics in Development	+					
	Electives						
5	AGE 833: Urban and Regional Planning		+				
6	AGE 837: African Urban and Regional Economic Development			+			
7	AGE 841: Population Pressure and Environmental Change			+			
MA:- Urban and Regional Planning							
SN	Unit Code and Title						
	Core						

1	AGE 832: Regional and Urban Spatial Patterns and Theories	+					
2	AGE 833: Urban and Regional Planning		+				
3	AGE 834: Methods and Techniques of Planning Analysis			+			
4	AGE 835: Urban Development	+					
5	AGE 836: Rural Development		+				
6	AGE 837: African Urban and Regional Economic Development			+			
Electives							
7	AGE 840: Fertility, Mortality and Migration Dynamics			+			
8	AGE 841: Population Pressure and Environmental Change			+			
MA:- Geography of Marketing							
SN	Unit Code and Title						
	Core						
1	AGE 824: Systems of Central Places and Location of Marketing	+					
2	AGE 825: Marketing Systems and Regions	+					
3	AGE 826: Methods and Techniques of Marketing Geography			+			
4	AGE 827: Rural Periodic Market Systems		+				
Electives							
5	AGE 818: Marketing Systems and Regions		+				
6	AGE 832: Regional and Urban Spatial Patterns and Theories			+			
7	AGE 844: Population and Settlement in Africa		+				
Master of Arts (MA) and Master of Science (M.Sc.)							
MA/M.Sc.:- Biogeography							
SN	Unit Code and Title						
	Core						
1	AGE 807: Ecological Biogeography	+					
2	AGE 808: Methods and Techniques of Biogeography	+					
3	AGE 809: Palaeoecology		+				
4	SZL 896: Wildlife Behaviour and Management		+				
Electives							
5	AGE 813: Climate Change and Sustainability		+				
6	AGE 823: Regional Studies in Landform Development			+			
7	AGE 854: Ecohydrology			+			
MA/M.Sc.:-Climatology							
SN	Unit Code and Title						
	Core						
1	AGE 810: Origin and Development of Climatology	+					
2	AGE 811: Applied Tropical Climatology of Africa	+					

3	AGE 812: Methods and Techniques of Climatology		+				
4	AGE 813: Climate Change and Sustainability		+				
	Electives						
5	AGE 807: Ecological Biogeography			+			
6	AGE 823: Regional Studies in Landform Development		+				
7	AGE 865: Watershed Use, Planning and Management			+			
MA/M.Sc.- in Geography (Geomorphology)							
SN	Unit Code and Title						
	Core						
1	AGE 820: Geomorphological Principles I	+					
2	AGE 821: Geomorphological Principles II		+				
3	AGE 822: Methods and Techniques of Geomorphology		+				
4	AGE 823: Regional Studies in Land Form Development	+					
	Electives						
5	AGE 807: Ecological Biogeography		+				
6	AGE 813: Climate Change and Sustainability			+			
7	AGE 865: Watershed Use, Planning and Management			+			
Master of Science (M.Sc.) in Hydrology And Water Resources							
SN	Unit Code and Title						
Core							
1	AGE 845: Methods and Techniques in Hydrology		+				
2	AGE 846: Ground Water Hydrology	+					
3	AGE 847: Hydrometry and Surface Water Hydrology		+				
4	AGE 848: Hydraulics, Drainage Basins and Applied Hydrology	+					
5	AGE 849: Assessment and Management of Water Resources	+					
6	AGE 850: Hydrological Data Management and Processing		+				
7	AGE 851: Agricultural Hydrology		+				
8	AGE 852: Environmental Aspects of Hydrology			+			
Electives							
9	AGE 853: Hydrology of Arid and Semi-Arid Lands (ASALS)			+			
10	AGE 854: Ecohydrology			+			
11	AGE 855: Urban Hydrology			+		-	

Masters Thesis

	AGE 868: Master's Thesis				+	+	+

Ph.D. Degree Programme

The general regulations for Ph.D. degree registration in Kenyatta University shall apply. Ph.D. degree in

Geography department is offered in both School of Pure and Applied Sciences (SPAS) and School of Humanities and Social Sciences (SHSS), of Kenyatta University.

Duration and Pattern of the Course

The Ph.D degree programme in the Department of Geography is expected to run for three (3) academic years, and undertaken through Thesis only. The Ph.D unit code and title is, AGE 900: Ph.D Thesis (see below).

The following is the outline of stages for Ph.D. degree programme in the Department of Geography:-

First Year: - Students are expected to develop a concept paper on a research topic/problem and present to departmental faculty and peers.

- ☐ Atleast two supervisors are identified to guide in developing Ph.D research proposal.
- ☐ Upon approval by the supervisors, the proposal shall be presented at departmental postgraduate seminar series.
- ☐ After making suggested corrections, Ph.D proposal is forwarded to university graduate school for registration.
- ☐ Graduate school prepares an introduction letter for the student to enable him/her apply for research permit to conduct research in the study area.
- ☐ Second Year: - The student then embarks on field data collection and review of related literature through guidance from appointed supervisors.
- ☐ The student will be expected to present atleast two (2) academic seminar presentations: - that is, post-fieldwork seminar and a seminar on research findings before submission of final thesis draft to graduate school.
- ☐ The student will also be expected to publish from the research findings and present papers at academic conferences and/or workshops.

Third Year: - Each student is expected to present an original PhD Thesis drafts that are examined by the internal supervisors before submission of final Ph.D thesis to graduate school. Two internal examiners (non-supervisors), and one external examiner shall be appointed to evaluate (mark) and grade the thesis after which the candidate is invited for oral defence at Graduate school Board of post graduate examiners meeting. The Board shall then give a verdict on either to pass, fail or defer the thesis.

NOTE: - Tracking record forms must be signed at various stages as evidence of supervisors - student interactions.

Ph.D Unit Code and Title

PhD. Thesis				
Code	Unit Title	Year 1	Year 2	Year 3
Core				
AGE 900	Ph.D Thesis	+	+	+

10.4 Department of History, Archaeology and Political Studies

Duration of Programme

Students shall take four academic years to complete the programme. However, students who take advantage of the trimester may accelerate and complete in three years. *Contact hours per is 35*

Degree Patterns

A Bachelor of Arts Degree candidate shall do at least 48 units.

In 100 level students shall take University Common Units (see 10.0). They shall take the three (3) core units in History, Archaeology and Political Studies and six (6) other units from the selected departments or institutes: three (3) units from either.

In 200-level, students shall take all the four (4) core units in the Department of History, Archaeology and Political Studies and eight (8) from the two previously selected departments or institutes.

Specialisation begins in 300-level, in the patterns: 3:3:2:2, 3:3:2:1, 3:3:1:1. To major in a specific option of the department (viz. history or archaeology or political studies), a student shall do all the core courses in the option. However, same electives will be available for all the students irrespective of the option. Core courses in any one option shall also be available as electives for those majoring in other options.

3:3:2:2 Students shall take six (6) units in History, Archaeology and Political Studies and six (6) other units from a second selected department or institute in 300-level and 400-level.

3:3:2:1 Students shall take six units in History, Archaeology and Political Studies and six (6) units from the second selected department in 300-level. In 400-level, students shall take all twelve (12) units in History, Archaeology and Political Studies.

3:3:1:1 Students shall take twelve (12) units in 300-level and twelve (12) units in 400-level of study in History, Archaeology and Political Studies.

A Bachelor of Education student shall take units in the Department of History,

Archaeology and Political Studies to be combined with units from another selected department or institute together with units from the School of Education and Human Resource Development. The subject combination shall be in the pattern 3:3:3:3.

In 100-level the students shall take the University Common Units (see 10.0) and three (3) core units from

the history option in the Department.

In 200-level students shall take all the four (4) core units in the Department.

In 300-level and 400-level, students shall take two core units and two electives in the Department. The electives offered shall be the same as those offered for the B.A students. Core units for any option shall be offered as electives for students majoring in other options.

SN	100 Level	Sem1	Sem2
	All core for B.A and B.ED		
1.	AHT 100: Sources of African History	+	
2.	AHT 101: Principles of Archaeology		+
3.	AHT 102: Introduction to Political Science	+	
	200 Level		
	All core for B.A and B.ED		
4.	AHT 200: A History of Kenya	+	
5.	AHT 201: Themes in African History		+
6.	AHT 202: Early African Archaeology	+	
7.	AHT 203: Modern Government in Africa		+
	300 Level		
	Core Units for B.A. History Option		
8.	AHT 300: Speculative Philosophy of History	+	
9.	AHT 301: Fundamentals of Research and Historical Writing	+	
10.	AHT 302: Africa, the Caribbean and Latin America: A Comparative History		+
11.	AHT 303: Africa and the African Diaspora up to 1900 CE	+	
12.	AHT 304: Historiography of Africa (for 3:3:1:1 and 3:3:2:1)		+
13.	AHT 305: Critical Philosophy of History (for 3:3:1:1 and 3:3:2:1)		+
	B.A. Archaeology Option		
14.	AHT 306: Later African Archaeology	+	
15.	AHT 307: Archaeology of Eastern Africa		+
16.	AHT 308: Archaeological Research Methods		
17.	AHT 309: Cultural Resource Management (for 3:3:1:1 and 3:3:2:1)	+	
18.	AHT 310: Biological Anthropology		+
19.	AHT 311: Field Archaeology (for 3:3:1:1 and 3:3:2:1)	+	
	B.A Political Studies Option		
20.	AHT 312: Political Thought up to 1600 CE	+	
21.	AHT 313: International Relations from 1500 CE up to 1900 CE		
22.	AHT 314: Comparative Government in Developing countries (for 3:3:1:1 and 3:3:2:1)		+

23.	AHT 315: Political Parties and Interest Groups in Africa	+	
24.	AHT 316: Theory and Method of Political Inquiry (for 3:3:1:1 and 3:3:2:1)	+	
25.	AHT 317: Elements of Public Administration		+
	B.ED Option		
26.	AHT 318: Gender Relations in African History	+	
27.	AHT 319: Transformation of Europe	+	

	Electives	Sem 1	Sem2
1.	AHT 320: Dependency and Underdevelopment Theories	+	
2.	AHT 321: Agricultural History of Kenya up to 1900 CE		+
3.	AHT 322: Pre-colonial African Economic History	+	
4.	AHT 323: Russian History up to 1900 CE		+
5.	AHT 324: Urban Politics in Africa	+	
6.	AHT 325: Selected Themes in the History of the USA up to 1900 CE		+
7.	AHT 326: Nationalism in Africa and the Rest of the Developing World	+	
8.	AHT 327: Remote Sensing		+
9.	AHT 328: Gender in Archaeology	+	
10.	AHT 329: Forensic Archaeology	+	
11.	AHT 330: Theory and Method of Assemblage Analysis	+	
12.	AHT 331: Ethnoarchaeology		+
13.	AHT 332: Theory of Archaeological Conservation	+	
14.	AHT 333: Science and Technology up to 1500 CE		+
15.	AHT 334: Military History of Africa	+	
16.	AHT 335: Twentieth Century Urban History of Africa		+
17.	AHT 336: History of Social Theory	+	
18.	AHT 337: History of Industrial Relations in Africa		+
19.	AHT 338: World Economic Systems up to 1914	+	
20.	AHT 339: Traditional Civilisations of China and Japan		+
21.	AHT 340: Politics in Africa	+	
22.	AHT 341: Environmental Archaeology		+
23.	AHT 342: Bioarchaeology	+	
24.	AHT 343: Museology	+	
25.	AHT344: The Origins of Food Production and Urbanism in the Nile Valley		+
26.	AHT 345: Geomorphology	+	

	400 Level	Sem 1	Sem2
	Core Units		
	B.A History Option		
1.	AHT 400: History of Political Economy	+	
2.	AHT 401: Themes in the History of the Horn of Africa	+	
3.	AHT 402: History of Cultural Studies		+

4.	AHT 403: The Historiography of Kenya	+	
5.	AHT 404: Dissertation II (only for 3:3:1:1 and 3:3:2:1)		+
6.	AHT 405: History Dissertation II (only for 3:3:1:1 and 3:3:2:1)		+
B.A Archaeology Option			
1.	AHT 406: Historical Archaeology of Eastern Africa	+	
2.	AHT 407: Principles of Advanced Geomorphology	+	
3.	AHT 408: Themes, Thought and Theory in World Archaeology	+	
4.	AHT 409: People, Environments and Resources		+
5.	AHT 410: Archaeology Dissertation I (only for 3:3:1:1 and 3:3:2:1)		+
6.	AHT 411: Dissertation II (for only 3:3:1:1 and 3:3:2:1)	+	
B.A Political Studies Option			
1.	AHT 412: Administration and Organisation Theory	+	
2.	AHT 413: Historical Evolution of Modern Government	+	+
3.	AHT 414: Comparative Government and Politics of Developed countries	+	
4.	AHT 415: International Relations since 1900 CE	+	
5.	AHT 416: Political Studies Dissertation I (only for 3:3:1:1 and 3:3:2:1)		+
6.	AHT 417: Dissertation II (only for 3:3:1:1 and 3:3:2:1)	+	
B.Ed. Core Units			+
1.	AHT 418: Selected Issues in East African History	+	
2.	AHT 419: Science and Technology since 1500 CE	+	
Electives			
1.	AHT 420: History of Pastoralism in Africa	+	
2.	AHT 421: Agricultural History of Kenya Since 1900 CE		+
3.	AHT 422: The African Child in History	+	
4.	AHT 423: World Socio-Economic Systems since 1914 CE		+
5.	AHT 424: Russian History since 1900 CE		+
6.	AHT 425: A Historical Study of Religions in Africa	+	
7.	AHT 426: European Archaeology	+	
8.	AHT 427: African Pastoralist Archaeology		+
9.	AHT 428: Issues in African Archaeology	+	
10.	AHT 429: Archaeology of Islamic Africa	+	
11.	AHT 430: Environmental Mapping and Cartography		+
(To be offered in Department of Environmental Planning and Management)			
1.	AHT 431: African Economic history since 1900 CE	+	+
2.	AHT 432: Selected Themes in the History of USA since 1900 CE		+
3.	AHT 433: African Women in History	+	
4.	AHT 434: Africa and the African Diaspora since 1900 CE	+	
5.	AHT 435: Modern Transformation of China and Japan		+
6.	AHT 436: Phases of Imperialism in the Developing World	+	
7.	AHT 437: Political Thought since 1600 CE	+	
8.	AHT 438: Primate Evolution and Ecology		+

9.	AHT 439: Archaeology of Asia	+	
10.	AHT 440: History of Anthropological Thought	+	

Master of Arts History, Government and Archaeology

Duration of the Programme

The Master of Arts in the Department shall extend over at least eighteen (18) months based on a pattern of course work, examination and thesis. Coursework and examination are undertaken during the first year of study.

Candidates are expected to do eight (8) units during their coursework.

Compulsory courses will include:

UCU 800 a Faculty course for all candidates in the School

AHT 801 and AHT502 are core courses for History candidates

AHT 811 AHT 519 are core courses for Archaeology candidates

AHT 818 and AHT 822 are core courses for candidates taking Government

All candidates will be required to undertake research projects (Thesis) in the second year.

SN	Unit Code And Unit Title	Sem1	Sem2
	Core		
1.	AMC 800: General Research Methodology (Core for all Candidates).	+	
2.	AHT 801: Methods of Historical Research (Core for History)	+	
3.	AHT802: Philosophy of History (Core for History but elective for Archaeology and Government).	+	
4.	AHT 811: Principles of Advanced Archaeology (Core for Archaeology)	+	
5.	AHT 818: Modern Political History (Core for Government but elective for History).	+	
6.	AHT 819: Archaeological Research Design, Theory and Methodology (Core for Archaeology)	+	
7.	AHT 822: Methods of Research in Political Science (Core for Government).	+	
	Electives		
1.	AHT 802: Philosophy of History	+	
2.	AHT 803: Social and Economic History of Africa	+	
3.	AHT 804: Political Processes in Africa	+	
4.	AHT 805: History of International Relations	+	
5.	AHT 806: African Intellectual History		+
6.	AHT 807: Themes in Modern European History		+
7.	AHT 808: Themes in Modern Asian History	+	
8.	AHT 809: Themes in Modern Latin American History		+

9.	AHT 810: Comparative Labour History		+
10.	AHT 812: Theories of Development	+	
11.	AHT 813: Comparative Politics in History		+
12.	AHT 814: The History of Policy Processes in Africa	+	
13.	AHT 815: Issues in the Political Economy of Africa	+	
14.	AHT 816: The Political Economy of Public Administration		+
15.	AHT 817: Political Psychology		+
16.	AHT 818: Modern Political Theory	+	
17.	AHT 820: Human Adaptations in Archaeological Perspective		+
18.	AHT 821: Paleolithic Archaeology and Human Evolution		+
19.	AHT 823: Archaeological Laboratory		+
20.	AHT 824: Environmental Archaeology	+	
21.	AHT 825: Women's Movements.		+
22.	AHT 826: Issues in African Archaeology.		+
23.	AHT 827: Cultural Resource Management	+	
24.	AHT 828: Museology	+	

10.5 Department of Kiswahili and African Languages

Bachelor of Education (Arts) and Bachelor of Arts

Programme Structure and Duration

The Bachelor of Education and Bachelor of Arts shall consist of coursework and examination. The B.Ed (Arts) and B.A programmes shall take a minimum period of four years. In year one, a B.Ed candidate who takes Kiswahili as a normal subject shall be required to take a total of three Kiswahili units consisting of two units in semester one and one unit in semester two. In year 2, 3 and 4, a candidate shall be required to take four Kiswahili units each year consisting of two units each semester. The total number of units taken in the four years shall be 15. However, B.Ed students who minor or major in Kiswahili and B.A students who are required to drop one subject in third year will be required to take more or fewer units in accordance with university regulations.

List of Rationalized Units Across Semesters

	Level 100		
SN	Unit Code and Title	Sem1	Sem2
1	AKS 100:Introduction to the Study of Language		+
2	AKS 101:Language Skills in Kiswahili I	+	
3	AKS 102:Historical and Current Developments in Kiswahili	+	
	Level 200		
SN	Unit Code and Title	Sem1	Sem2
1	AKS 200:Phonetics and Phonology(<i>Prerequisite AKS 100</i>)	+	
2	AKS 201:Introduction to the Study of Literature	+	

3	AKS 202:Language Skills in Kiswahili II(<i>Prerequisite AKS 101</i>)		+
4	AKS 203:Introduction to the Theory and Practice of Translation		+
Level 300			
SN	Unit Code and Title	Sem1	Sem2
1	AKS 300:Morphology and Syntax(<i>Prerequisite AKS 200</i>)	+	
2	AKS 301:Kiswahili Structure(<i>Prerequisite AKS 300</i>)		+
3	AKS 302:Theories of Literary Criticism	+	
4	AKS 303:Contemporary Kiswahili Novel and Play		+
5	AKS 304:Translated Novel and Play	+	
6	AKS 306:Creative Writing		+
7	AKS 307:Theatre Arts and Drama	+	
8	AKS 308:Historical and Comparative Linguistics	+	
9	AKS 309:Stylistics		+
10	AKS 310:Dialectology in Kiswahili		+
11	AKS 311:Psycholinguistics		+
12	AKS 312:Popular Song and Epic in Kiswahili		+
13	AKS 313:Critics of Kiswahili Literature	+	
14	AKS 314:Applied Translation and Interpretation	+	
15	AKS 315:Gender Issues in Kiswahili Literature		+
16	AKS 316:The Short Story in Kiswahili Literature		+
17	AKS 317:Standardization of Kiswahili	+	
18	AKS 318:Research Methods		+
Level 400			
SN	Unit Code and Title	Sem1	Sem2
1	AKS 400:Sociolinguistics	+	
2	AKS 401:Second Language Learning	+	
3	AKS 402:Kiswahili Poetry		+
4	AKS 403:Oral Literature in Kiswahili		+
5	AKS 406:Language, Culture and Ethnography	+	
6	AKS 407:Theatre and Drama (2 units)	+	
7	AKS 408:Applied Phonetics and Phonology		+
8	AKS 409:Orthography and Lexicography	+	
9	AKS 410:Semantics	+	
10	AKS 411:Children's Literature		+
11	AKS 412:Dissertation (2 units)	+	
12	AKS 413:Comparative Literature in Kiswahili		+
13	AKS 414:Textual and Discourse Analysis		+
14	AKS 417:Language Policy and Planning		+

Master of Arts

Programme Structure and Duration

The Master of Arts (Kiswahili) shall consist of coursework, examination and project. The M.A programme shall take a minimum period of two years. In year one, a candidate shall be required to take a total of 7 Kiswahili units consisting of three units in semester one and four units in semester two. In year two, a candidate shall be required to take 4 units in semester one and concentrate on research work and submit a project in semester two. The coursework will consist of 11 Kiswahili units and 1 common unit which will be taken in year one semester one. The written project will carry a weight of four units.

Rationalized List of Units across Semesters – Masters By Project

	Level 800 (1st Year)		
SN	Unit Code and Title	Sem1	Sem2
1	AKS 800:Trends in Linguistic Theory	+	
2	AKS 801:Advanced Kiswahili Structure		+
3	AKS 802:Historical Development of Kiswahili	+	
4	AKS 803:Theories of Literary Criticism and Textual Analysis		+
5	AKS 804:Advanced Kiswahili Skills	+	
6	AKS 805:Field Methods in Language and Literature	+	
7	AKS 806:Advanced Sociolinguistics		+
8	AKS 807:Comparative and Historical Linguistics		+
9	AKS 808:Advanced Phonetics and Phonology		+
10	AKS 809:Kiswahili Literature in History		+
11	AKS 810:Advanced Stylistics	+	
12	AKS 811:Translated Works in Kiswahili	+	
13	AKS 812:Advanced Morphology		+
14	AKS 813:Comparative Linguistic Analysis	+	
	Level 800 (2nd Year)		
SN	Unit Code and Title	Sem1	Sem2
1	AKS 814:Classical Kiswahili Literature	+	
2	AKS 815:Contemporary Kiswahili Literature	+	
3	AKS 816:Language and Culture	+	
4	AKS 817:Advanced Oral Literature in Kiswahili	+	+
5	AKS 818:Advanced Creative Writing in Kiswahili	+	+
6	AKS 819:Advanced Psycholinguistics	+	
7	AKS 820:Advanced Syntax	+	
8	AKS 821:Pragmatics	+	
9	AKS 822:Advanced Discourse Analysis	+	
10	AKS 823:Advanced Comparative Literature	+	
11	AKS 824:Advanced Children's Literature	+	
12	AKS 825:Advanced Gender Issues in Kiswahili Literature	+	
13	AKS 826:Advanced Semantics	+	
14	AKS 827:Project		+

Doctor of Philosophy

Programme Structure and Duration

The Doctor of Philosophy (Kiswahili) shall consist of coursework, examination and thesis. The Ph.D programme shall take a minimum period of three years. In year one, a candidate shall be required to take a total of 8 Kiswahili units consisting of four units in semester one and four units in semester two. In year two and three, a candidate shall be required to concentrate on research work and submit a thesis.

Rationalized List of Units Across Semesters – Ph.D

	Level 900 (1st Year)		
SN	Unit Code and Title	Sem1	Sem2
1	AKS 900:Research and Publication	+	
2	AKS 901:Modern Linguistic Theory		+
3	AKS 902:Sources of Kiswahili Historical Data	+	
4	AKS 903:Kiswahili for Special Purposes	+	
5	AKS 904:Translation and Interpretation	+	
6	AKS 905:Kiswahili Lexicography and Orthography		+
7	AKS 906:Classical and Contemporary Kiswahili Poetry		+
8	AKS 907:Contemporary Trends in Kiswahili Written Prose and Drama		+
	2nd Year	Thesis	Thesis
	3rd Year	Thesis	Thesis

Certificate Courses

The certificate programmes shall take one academic year (two semesters). The student shall be required to take a total of 12 units, 6 units each semester. One unit is equivalent to 35 contact hours and will be offered on either full time or part time basis

List of Units across Semesters

SN	Unit Code and Title	Sem1	Sem 2
1.	AFS 001: African Social Studies	+	
2.	AFS 002: Introduction to Kiswahili Language and Culture	+	
3.	AFS 003: Introduction to Public Policy Analysis	+	
4.	AFS 004: Language and Identity	+	
5.	AFS 005: Africa, Middle East and Asia	+	
6.	AFS 006: A Multi-Disciplinary Study of Africa	+	
7.	AFS 007: Africa and International Relations		+
8.	AFS 008: Introduction to Kiswahili Literature		+
9.	AFS 009: The Policy Process		+
10.	AFS 010: Language and Politics in Africa		+
11.	AFS 011: Survey of Islam in Africa		+
12.	AFS 012: Africa in non-African Creative Forms		+

Certificate in Arabic Language			
SN	Unit Code and Title	Sem 1	Sem 2
1.	AFS (A) 001: Introductory Arabic Language 1	+	
2.	AFS (A) 002: Arabic Reading and writing 1	+	
3.	AFS (A) 003: Arabic Conversation 1	+	
4.	AFS (A) 004: Arabic Grammar 1	+	
5.	AFS (A) 005: Arabic Language Practice	+	
6.	AFS (A) 006: Comprehension Skills 1	+	
7.	AFS (A) 007: Arabic Language and Culture 11		+
8.	AFS (A) 008: Conversational Arabic 11		+
9.	AFS (A) 009: Arabic Grammar 11		+
10.	AFS (A) 010: Reading and Writing 11		+
11.	AFS (A) 011: Comprehension Skills 11		+
12.	AFS (A) 012: Introduction to Arabic Literature		+
Certificate in Kikuyu Language			
SN	Unit Code and Title	Sem 1	Sem 2
13.	AKS 001 :Introduction to Kikuyu Language and Culture I	+	
14.	AKS 002:Conversational Kikuyu I	+	
15.	AKS 003:Kikuyu Grammar I	+	
16.	AKS 004: Reading and Writing I	+	
17.	AKS 005: Kikuyu Language Practice	+	
18.	AKS 006:Comprehension Skills I	+	
19.	AKS 007: Kikuyu Language and Culture II		+
20.	AKS 008:Conversational Kikuyu II		+
21.	AKS 009: Kikuyu Grammar II		+
22.	AKS 010:Reading and Writing II		+
23.	AKS 011:Comprehension Skills II		+
24.	AKS 012:Introduction to Kikuyu Literature		+
Certificate in Kiswahili Language			
SN	Unit code and title	Sem 1	Sem 2
1.	AKS 001:Introduction to Kiswahili Language and Culture I	+	
2.	AKS 002:Conversational Kiswahili I	+	
3.	AKS 003:Kiswahili Grammar I	+	
4.	AKS 004:Reading and Writing I	+	
5.	AKS 005:Kiswahili Language Practice	+	
6.	AKS 006:Comprehension Skills I	+	
7.	AKS 007:Introduction Kiswahili Language and Culture II		+
8.	AKS 008:Conversational Kiswahili II		+
9.	AKS 009:Kiswahili Grammar II		+
10.	AKS 010:Reading and Writing II		+
11.	AKS 011:Comprehension Skills II		+

12.	AKS 012:Introduction to Kiswahili Literature		+
Certificate in Dholuo Language			
SN	Unit Code and Title	Sem 1	Sem 2
1.	ADH 001:Introduction to Dholuo Language and Culture I	+	
2.	ADH 002:Conversational Dholuo I.	+	
3.	ADH 003:Dholuo Grammar I	+	
4.	ADH 004:Reading and Writing I	+	
5.	ADH 005: Dholuo Language Practice	+	
6.	ADH 006: Comprehension Skills I	+	
7.	ADH 007:Dholuo Language and Culture II		+
8.	ADH 008:Conversational Dholuo II		+
9.	ADH 009:Dholuo Grammar II		+
10.	ADH 010:Reading and Writing II		+
11.	ADH 011: Comprehension Skills II		+
12.	ADH 012: Introduction to Kiswahili Literature		+
Certificate in Sign Language			
SN	Unit Code and Title	Sem 1	Sem 2
1.	AFS(S)001 :Historical development of manual communication	+	
2.	AFS(S)002 :Origin of Kenyan Sign Language	+	
3.	AFS(S)003 :Significance of modes of communication (SE, SEE, KSL)	+	
4.	AFS(S)004:Composition of signs: Manual Features &Non Manual Features	+	
5.	AFS(S)005: Elements of signs	+	
6.	AFS(S)006: Basic vocabulary and sentence formation/patterns	+	
7.	AFS(S)007: Grammar		+
8.	AFS(S)008:Description of events-Description of different events in Kenyan sign language		+
9.	AFS (S) 009: Story telling-Fluency in KSL and self-expressions.		+
10.	AFS (S) 010 :Conversation and dialogue-Drills in groups		+
11.	AFS(S)011:Songs and Poems in KSL-Composition of songs and poems and practical exercises		+
12.	AFS (S) 012 :Dramatization and Play Staging-Play writing and practice in staging		+
Certificate in African Environment			
SN	Unit Code and Title	Sem 1	Sem 2
1.	AFS (I) 001: Indigenous Knowledge Systems in Africa	+	
2.	AFS (I) 002: Environmental Indigenous Knowledge	+	
3.	AFS (I) 003: Customary Law in Africa	+	
4.	AFS (I) 004: Anthropology of Environmental African Knowledge	+	
5.	AFS (I) 005: African Natural Resource Management	+	
6.	AFS (I) 006: Indigenous Languages	+	
7.	AFS (I) 007: Gender in African Environment and Development		+

8.	AFS (I) 008: African Traditional Belief Systems		+
9.	AFS (I) 009: African Medicine and Health		+
10.	AFS (I) 010: African Environmental Myths		+
11.	AFS (I) 011: African Cultural Heritage		+
12.	AFS (I) 012: Indigenous Foods		+
Certificate in African Philosophy			
SN	Unit Code and Title	Sem 1	Sem 2
1.	AFS (P) 001: Definition and beginnings of African Philosophy	+	
2.	AFS (P) 002: Ethnophilosophy	+	
3.	AFS (P) 003: Philosophic Sagacity	+	
4.	AFS (P) 004: Nationality Philosophy	+	
5.	AFS (P) 005: Professional Philosophy	+	
6.	AFS (P) 006: Critic of African Philosophy	+	
7.	AFS (P) 007: African fathers in Philosophy		+
8.	AFS (P) 008: Conception of Negritude		+
9.	AFS (P) 009: African Myths as philosophy		+
10.	AFS (P) 010: Concept of an African		+
11.	AFS (P) 011: Early Approaches and attitudes		+
12.	AFS (P) 012: African culture concepts		+

Diploma Courses

The program will be offered on either full time or part time basis

The program duration is two academic years (4 semesters)

The student will take 24 units. One unit is equivalent to 35 contact hours.

The students registered in this program will take all the core units, the required number of electives and the project which is equivalent to 2 units

List of Units across Semesters

Diploma in Kiswahili			
SN	Unit code and title	Sem 1	Sem2
1.	AKS 100:Introduction to the Study of Language	+	
2.	AKS 101:Language Skills in Kiswahili I	+	
3.	AKS 102:Historical Development of Kiswahili	+	
4.	AKS 201:Introduction to the Study of Literature	+	
5.	AKS 202:Language Skills in Kiswahili II	+	
6.	AKS 203:Introduction to the Theory and Practice of Translation	+	
7.	AKS 200:Phonetics and Phonology		+
8.	AKS 302:Theories of Literary Criticism		+
9.	AKS 303:Contemporary Kiswahili Novel and Play		+

10.	AKS 310:Dialectology in Kiswahili		+
11.	AKS 317:Standardization of Kiswahili		+
12.	AKS 319:General Writing and Editing		+
13.	AKS 300:Morphology and Syntax	+	
14.	AKS 301:Kiswahili Structure	+	
15.	AKS 318:Research Methods	+	
16.	AKS 305:Current Developments in Kiswahili	+	
17.	AKS 307:Theatre Arts and Drama	+	
18.	AKS 309:Stylistics	+	
19.	AKS 314:Applied Translation and Interpretation	+	
20.	AKS 315:Gender Issues in Kiswahili Literature	+	
21.	AKS 316:The Short Story in Kiswahili Literature	+	
22.	AKS 400:Sociolinguistics		+
23.	AKS 402:Kiswahili Poetry		+
24.	AKS 410:Semantics		+
25.	AKS 401:Second Language Learning		+
26.	AKS 403:Oral Literature in Kiswahili		+
27.	AKS 411:Children's Literature		+
28.	AKS 414:Textual and Discourse Analysis		+
29.	AKS 417:Language Policy and Planning		+
Diploma in African Studies			
SN	Unit Code and Title	Sem 1	Sem2
1.	AFS 101: Islam and African Cultures	+	
2.	AFS 102: Africa and International Relations	+	
3.	AFS 103: Religious Expression in Africa.	+	
4.	AFS 104: Science and Technology – African Studies		+
5.	AFS 105: Africa and the African Diaspora		+
6.	AFS 106: International Organizations and Regional Blocks		+
7.	AFS 107: Language Planning and Policy in Africa		+
8.	AFS 108: Introduction to the Study of Kiswahili Literature		+
9.	AFS 109: Environment and Development in Africa	+	
10.	AFS 110: The Role of International Law and Organizations in Africa	+	
11.	AFS 111: Gender and Embodied Performance	+	
12.	AFS 112: Bilingualism and Multilingualism in Africa	+	
13.	AFS 113 (Sociology Department to provide unit from Cluster 5)	+	
14.	AFS 114 (Sociology Department to provide unit from Cluster 5)	+	
15.	AFS 115: Africa, Middle East and Asia		+
16.	AFS 116: Communication in the Media and the Arts		+
17.	AFS 117: Politics of Language		+
18.	AFS 118 (History & Archaeology Department to provide unit from Cluster 5)		+

19.	AFS 119: Project (2 units)		+
20.	AHT 340: Politics in Africa	+	
21.	AKS 102: Historical Development of Kiswahili	+	
22.	UCU 100: Communication Skills	+	
23.	UCU 106: Ethnicity and Diversity		+

10.6 Department of Philosophy and Religious Studies

Bachelor of Arts in Philosophy

Program Structure and Duration

The Bachelor of Arts in Philosophy students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units.

Contact hours is 35 hours per unit.

Units Codes and Titles

	Unit Code and Title			
SN	Level 100	Sem 1	Sem 2	Prerequisites
1	APH 101: Introduction to Logic		+	
2	APH 103: Introduction to Ethics		+	
3	UCU 100: Communication Skills			
4	UCU 101: Development Studies	+		
5	UCU 103: Introduction to Critical and Creative Thinking	+	+	
	Level 200			
5	APH 200: Symbolic Logic	+		APH 101
6	APH 201: History of Philosophy (Ancient/Medieval)		+	
7	APH 202: Epistemology	+		
8	APH 203: Metaphysics		+	
	Level 300			
9	APH 300: History of Philosophy (Modern/ Contemporary)	+		APH 201
10	APH 301: African Philosophy		+	
11	APH 302: Social and Political Philosophy	+		
12	APH 303: Philosophical Anthropology	+		
13	APH 304: Bio-ethics	+		
14	APH 305: Business Ethic		+	
15	APH 306: Gender Philosophy		+	
16	APH 307: Environmental Ethics		+	
17	APH 308: Philosophy of Language	+		
18	APH 309: Philosophy of History		+	
	Level 400			

19	APH 400: Contemporary Moral Issues	+		
20	APH 401: Research Project		+	
21	APH 403: Philosophy of Mind	+		
22	APH 404: Aesthetics		+	
23	APH 406: Philosophy of Development	+		
24	APH 407: Comparative Philosophy		+	
25	APH 408: Philosophy of Law	+		
26	APH 409: Philosophy of Social Sciences	+		
27	APH 410 : Philosophy of Natural Science		+	
28	APH 411: Professional Ethics		+	

Masters of Arts in Philosophy

Program Structure and Duration

The Master of Arts in Philosophy shall extend over at least eighteen months. In the first year, students will take eight units of which two will be core and six electives. In the second year, students will concentrate on their research work and submit a thesis.

Units Codes and Titles

SN	Units Codes And Title	Sem 1	Sem 2
1	APH 800: Philosophy of Logic	+	
2	APH 801: Great Thinkers in the History of Philosophy		+
3	APH 802: Meta-philosophy	+	
4	APH 803: Ontology		+
5	APH 804: Cosmology	+	
6	APH 805: Ethics	+	
7	APH 806: Contemporary Philosophy		+
8	APH 807: Philosophy in Africa		+
9	APH 808: Axiology	+	
10	APH 809: History and Philosophy of Science		+
11	APH 810: Applied Ethics	+	
12	APH 811: Social and Political Philosophy	+	
13	APH 812: Philosophical Anthropology	+	
14	APH 814 Epistemology	+	
15	APH 815: Independent Study		+

Doctor of Philosophy

Program Structure and Duration

PhD in Philosophy shall take a minimum period of 3 years for Regular (Full time) students or 6 years

for Part time students. A student will be required to write a research proposal of a topic of choice and conduct research and submit thesis.

Unit Code and Title

APH 900: Thesis

Religious Studies Section

Bachelor of Arts (African Religion And Culture)

Bachelor of Arts (Biblical Studies)

Bachelor of Arts (Biblical Theology)

Bachelor of Arts (Christian Studies)

Bachelor of Arts (Islamic Studies)

Bachelor of Arts (Religion and Social Development)

Bachelor of Arts (BA) & Bachelor of Education (B.Ed) Arts

Bachelor of Arts (African Religion and Culture)

Program Structure and Duration

The Bachelor of Arts (African Religion and Culture) Program, students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units.

Contact hours is 35 per unit

SN	Level 100	Sem 1	Sem 2
	Unit Code And Title		
1.	APH 100: Introduction to Philosophy	+	
2.	APS 102: Social Psychology		+
3.	ARE 103: Sociology of Religion		+
4.	ARE 104: Introduction to World Religions	+	
5.	ARE 105: Introduction to African Religion and Culture	+	
6.	ARE 107: Sources of African Religion		+
7.	ARE 108: African Social Structure	+	
8.	ARE 120: Religion, Culture and Development in Africa		+
9.	ARE 121: Introduction to Religious Ethics		+
10.	UCU 100: Communication Skills		
11.	UCU 101: Development Studies		
12.	UCU 103: Introduction to Critical and Creative Thinking	+	
	Level 200		
	Unit Code and Title		

13.	ARE 211: Religious Anthropology	+	
14.	ARE 212: African Mythology	+	
15.	ARE 213: Religion, Magic and Witchcraft in Africa		+
16.	ARE 220: African Rites of Passage		+
17.	ARE 221: African Belief Systems	+	
18.	ARE 222: African Religion in Scholarship	+	
19.	ARE 224: God in African Religion		+
20.	ARE 225: Worship in African Religion		+
21.	ARE 226: Ethics and Morality in African Religion	+	
22.	ARE 227: Theory and Method in the Study of Religion	+	
23.	ARE 267: Religion and Poverty Alleviation in Africa		+
24.	ARE 270: Religion and Human Sexuality		+
Level 300			
Unit Code and Title			
25.	ARE 304: Religion and Political Movements in Africa	+	
26.	ARE 311: Religion and Customary Law in Africa	+	
27.	ARE 312: Philosophy of Religion		+
28.	ARE 314: African Religious Specialists		+
29.	ARE 315: African Religious Philosophy	+	
30.	ARE 341: African Traditional Education		+
31.	ARE 344: African Religion and Material Culture		+
32.	ARE 345: African Religion and Ethnicity		+
33.	ARE 346: Religion in African Literature	+	
34.	ARE 372: Religion and Politics	+	
35.	ARE 375: Religion and Human Work		+
36.	ARE 376: Religion and Urbanization in Africa		+
Level 400			
Unit Code and Title			
37.	ARE 404: Techniques in the Study of Religion	+	
38.	ARE 405: Research Project (<i>Prerequisites ARE 404</i>)		+
39.	ARE 414: Rituals and Symbols in African Religion	+	
40.	ARE 421: Marriage and Family Structure in Africa		+
41.	ARE 422: History of African Religion		+
42.	ARE 423: African Kinship Systems	+	
43.	ARE 424: African Beliefs vis-à-vis Health and Healing Systems	+	
44.	ARE 425: African Religion in the Diaspora		+
45.	ARE 426: Gender Relations in African Religion and Culture		+
46.	ARE 427: Religion and Mass Media	+	
47.	ARE 428: Religion, Technology and Environment	+	
48.	ARE 461: Religion and Conflict Management		+

Bachelor of Arts (Biblical Studies)

Programs Structure and Duration

The Bachelor of Arts (Biblical Studies) Program students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units. *Contact Hour is 35 per unit.*

SN	Level 100	Sem 1	Sem 2	
	Unit Code and Title			Prerequisites
1.	APH 100: Introduction to Philosophy	+		
2.	ARE 104: Introduction to World Religions	+		
3.	ARE 105: Introduction to African Religion and Culture	+		
4.	ARE 109: Ancient Israelite Religion		+	
5.	ARE 110: Formation of the Canon		+	
6.	ARE 111: History of Biblical Theology		+	
7.	ARE 112: Text of the Old Testament	+		
8.	ARE 113: Text of the New Testament		+	ARE 112
9.	ARE 121: Introduction to Religious Ethics		+	
10.	UCU 100: Communication Skills			
11.	UCU 101: Development Studies			
12.	UCU 103: Introduction to Critical and Creative Thinking	+		
	Level 200			
	Unit Code and Title			
1.	ARE 230: Theology of the Old Testament 1	+		ARE 112
2.	ARE 231: Theology of the New Testament I		+	ARE 230
3.	ARE 232: Introduction to the Pentateuch	+		
4.	ARE 233: Historical Background to the New Testament	+		
5.	ARE 234: Literature of Inter-Testamental Period		+	
6.	ARE 235: Introduction to the Gospels		+	
7.	ARE 236: New Testament Letters I	+		
8.	ARE 237: Johannine Literature		+	
9.	ARE 238: Biblical Hebrew I	+		
10.	ARE 239: Biblical Greek I		+	
11.	ARE 240: History of the English Version of the Bible.	+		
12.	ARE 241: Unity and Diversity in Old and New Testaments		+	
	Level 300			
	Unit Code and Title			
1.	ARE 307: Biblical Greek II		+	ARE 239
2.	ARE 308: Biblical Hebrew II	+		ARE 238

3.	ARE 347: Old Testament Exegesis	+		
4.	ARE 348: New Testament Exegesis		+	ARE 347
5.	ARE 351: Old Testament Hermeneutics	+		
6.	ARE 352: New Testament Hermeneutics		+	ARE 351
7.	ARE 353: The Book of Psalms		+	
8.	ARE 354: Prophetic Literature	+		
9.	ARE 355: New Testament Letters II		+	ARE 236
10.	ARE 356: African Biblical Hermeneutics	+		
11.	ARE 357: Exegesis of Selected Hebrew Texts	+		
12.	ARE 358: Exegesis of Selected Greek Texts		+	
Level 400				
Unit Code and Title				
1.	ARE 430: Contemporary Theories of Biblical Interpretation	+		
2.	ARE 431: Contemporary Methods of Reading the Bible.		+	
3.	ARE 432: Biblical Hebrew III	+		ARE 308
4.	ARE 433: Biblical Greek III		+	ARE 307
5.	ARE 434: Theory and Practice of Translation of the Bible.		+	
6.	ARE 435: Poetic and Wisdom Literature		+	
7.	ARE 436: Feminist/Womanist Reading of the Bible	+		
8.	ARE 437: Biblical Theology and Ecumenism	+		
9.	ARE 438: Ecological Theologies		+	
10.	ARE 439: Luke – Acts	+		
11.	ARE 440: The Letter to the Hebrews	+		
12.	ARE 441: The Book of Revelation		+	

Bachelor of Arts (Biblical Theology)

Program Structure and Duration

The Bachelor (Biblical Theology) Program students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units. Contact Hours

Units Codes and Titles

SN		Sem 1	Sem 2	
Level 100				
Unit Code and Title				Prerequisites
1.	APH 100: Introduction to Philosophy	+		
2.	APS 102: Social Psychology		+	
3.	ARE 104: Introduction to World Religions	+		

4.	ARE 105: Introduction to African Religion and Culture	+		
5.	ARE 109: Ancient Israelite Religion		+	
6.	ARE 110: Formation of the Canon		+	
7.	ARE 111: History of Biblical Theology		+	
8.	ARE 112: Text of the Old Testament	+		
9.	ARE 113: Text of the New Testament		+	ARE 112
10.	UCU 100: Communication Skills			
11.	UCU 101: Development Studies			
12.	UCU 103: Introduction to Critical and Creative Thinking	+		
Level 200				
Unit Code and Title				
1.	ARE 230: Theology of the Old Testament 1	+		ARE 112
2.	ARE 231: Theology of the New Testament I		+	ARE 113 ARE 230
3.	ARE 232: Introduction to the Pentateuch	+		
4.	ARE 233: Historical Background to the New Testament	+		
5.	ARE 234: Literature of Inter-Testamental Period		+	
6.	ARE 235: Introduction to the Gospels		+	
7.	ARE 236: New Testament Letters I	+		
8.	ARE 237: Johannine Literature		+	
9.	ARE 240: History of the English Version of the Bible.	+		
10.	ARE 241: Unity and Diversity in Old and New Testaments		+	
11.	ARE 242: Contemporary African Theologies.	+		
12.	ARE 243: Biblical Texts and Texts of Other Religions		+	
Level 300				
Unit Code and Title				
1.	ARE 347: Old Testament Exegesis	+		
2.	ARE 348: New Testament Exegesis		+	ARE 347
3.	ARE 349: Theology of the Old Testament II	+		ARE 230
4.	ARE 350: Theology of the New Testament II		+	ARE 231 ARE 349
5.	ARE 351: Old Testament Hermeneutics	+		
6.	ARE 352: New Testament Hermeneutics		+	ARE 351
7.	ARE 353: The Book of Psalms		+	
8.	ARE 354: Prophetic Literature	+		

9.	ARE 355: New Testament Letters II		+	ARE 236
10.	ARE 356: African Biblical Hermeneutics	+		
11.	ARE 368: 1&2 Chronicles, Ezra and Nehemiah		+	
12.	ARE 369: Theology of Deuteronomic History	+		
Level 400				
Unit Code and Title				
1.	ARE 404: Techniques in the Study of Religion	+		
2.	ARE 405: Research Project		+	ARE 404
3.	ARE 430: Contemporary Theories of Biblical Interpretation	+		
4.	ARE 431: Contemporary Methods of Reading the Bible.		+	
5.	ARE 434: Theory and Practice of Translation of the Bible.		+	
6.	ARE 435: Poetic and Wisdom Literature		+	
7.	ARE 436: Feminist/Womanist Reading of the Bible	+		
8.	ARE 437: Biblical Theology and Ecumenism	+		
9.	ARE 438: Ecological Theologies		+	
10.	ARE 439: Luke – Acts	+		
11.	ARE 440: The Letter to the Hebrews	+		
12.	ARE 441: The Book of Revelation		+	

Bachelor of Arts (Christian Studies)

Program Structure and Duration

The Bachelor of Arts (Christian Studies) Program students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units. **Contact Hours is 35 per unit.**

Units Codes and Titles

SN	Level	Sem 1	Sem 2	
	Unit Code and Title			Prerequisites
1	UCU 100: Communication Skills			
2	UCU 101: Development Studies			
3	UCU 103: Introduction to Critical and Creative Thinking	+		
4	ARE 103: Sociology of Religion		+	
5	ARE 104: Introduction to World Religions	+		
6	ARE 105: Introduction to African Religion and Culture	+		
7	APH 100: Introduction to Philosophy	+		

8	APS 102: Social Psychology		+	
9	ARE 109: Ancient Israelite Religion		+	
10	ARE 110: Formation of the Canon	+		
11	ARE 111: History of Biblical Theology		+	
12	ARE 121: Introduction to Religious Ethics		+	
Level 200				
Unit Code and Title				
1.	ARE 203: Introduction to Church History		+	
2.	ARE 227: Theory and Method in the Study of Religion	+		
3.	ARE 230: Theology of Old Testament I	+		ARE 112
4.	ARE 232: Introduction to the Pentateuch	+		
5.	ARE 233: Historical Background to the New Testament	+		
6.	ARE 235: Introduction to the Gospels		+	
7.	ARE 236: New Testament Letters I	+		
8.	ARE 241: Unity and Diversity in Old and New Testaments		+	
9.	ARE 242: Contemporary African Theologies	+		
10.	ARE 246: Christian Anthropology		+	
11.	ARE 249: Historical Development of Christian Missions		+	
Level 300				
Unit Code and Title				
1.	ARE 302: The Church in Africa	+		ARE 203
2.	ARE 309: Systematic Theology		+	
3.	ARE 312: Philosophy of Religion		+	
4.	ARE 340: New Religious Movements in Africa	+		
5.	ARE 349: Theology of Old Testament II	+		ARE 230
6.	ARE 361: African Christian Theologies	+		
7.	ARE 362: History of Christian Spirituality		+	
8.	ARE 363: Issues in Contemporary Mission		+	
9.	ARE 364: Christian Education	+		
10.	ARE 365: Theologies of African Instituted Churches	+		
11.	ARE 366: Christian Theology and the Environment		+	
12.	ARE 367: African Christianity in the Diaspora		+	
Level 400				
Unit Code and Title				
1.	ARE 400: Contemporary Trends in Christian Theology	+		
2.	ARE 401: Christian Response to Contemporary Issues		+	
3.	ARE 403: The Ecumenical Movement		+	
4.	ARE 404: Techniques in the Study of Religion	+		
5.	ARE 405: Research Project		+	ARE 404

6.	ARE 406: Moral Theology	+		
7.	ARE 409: Development of Christian Doctrines		+	
8.	ARE 444: World Christianity Through the 20th Century		+	
9.	ARE 445: Pentecostalism and Charismatic Renewal Movements	+		
10.	ARE 446: African Women's Theologies	+		
11.	ARE 447: Theology and Development	+		
12.	ARE 448: Political Theology		+	
13.	ARE 449: Psychology of Religion	+		

Bachelor of Arts (Islamic Studies)

Program Structure and Duration

The Bachelor of Arts (Islamic Studies) Program students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units. *Contact Hours is 35 per unit.*

Units Codes and Titles

SN		Sem 1	Sem 2	
	Level 100			
	Unit Code and Title			Prerequisites
1	APH 100: Introduction to Philosophy	+		
2.	APS 102: Social Psychology		+	
3.	ARE 103: Sociology of Religion		+	
4.	ARE 104: Introduction to World Religions	+		
5.	ARE 105: Introduction to African Religion and Culture	+		
6.	ARE 114: Biography of Prophet Muhammad	+		
7.	ARE 115: History of the Orthodox Caliphs		+	ARE 114
8.	ARE 116: Islamic Law		+	
9.	ARE 117: Human Rights in Islam		+	
10	UCU 100: Communication Skills			
11	UCU 101: Development Studies			
12.	UCU 103: Introduction to Critical and Creative Thinking	+		
	Level 200			
	Unit Code and Title			
1.	ARE 214: Introduction to Qur'an and Hadith	+		ARE 114
2.	ARE 215: History of Islamic Civilization and Religion	+		
3.	ARE 216: Islamic Mysticism		+	

4.	ARE 217: Introduction to Quranic Arabic		+	
5.	ARE 227: Theory and Method in the Study of Religion	+		
6.	ARE 252: History of the Dynastic Caliphates AD 661-1258		+	
7.	ARE 253: Christian – Muslim Relation		+	
8.	ARE 254: Ethics in Islam	+		
9.	ARE 257: Environmental Issues in Islam		+	
10.	ARE 258: History of Islamic Legislation		+	
11.	ARE 259: Justice and Peace in Islam	+		
12.	ARE 260: Islam and Other Revealed Religions	+		ARE 104
Level 300				
Unit Code and Title				
1.	ARE 316: Islamic Theology and Principles	+		
2.	ARE 319: Qur'anic Arabic II		+	ARE 217
3.	ARE 320: Islam in East Africa	+		
4.	ARE 322: Survey of Islam in Africa		+	
5.	ARE 323: Islamic Institutions	+		
6.	ARE 324: Shi'at Islam		+	
7.	ARE 325: Islamic Education		+	
8.	ARE 326: Islamic Law of Succession	+		
9.	ARE 327: Study of Qur'anic Text	+		
10.	ARE 328: Study of Hadith Text		+	
11.	ARE 329: Islam and Family Life Education	+		
12.	ARE 342: Women in Islam		+	
Level 400				
Unit Code and Title				
1.	ARE 404: Techniques in the Study of Religion	+		
2.	ARE 405: Research Project		+	ARE 404
3.	ARE 412 Islam, Christianity and Africa Religion	+		
4.	ARE 416 Modern Islamic Reform Movements	+		
5.	ARE 417 Islamic Philosophy		+	ARE 215
6.	ARE 418 Qur'anic Arabic III		+	ARE 319
7.	ARE 450 Interfaith Dialogue		+	
8.	ARE 451 Muslim Response to Contemporary Issues	+		
9.	ARE 452 Exegesis of the Qur'an	+		ARE 327
10.	ARE 454 Contemporary Islamic World	+		
11.	ARE 456 Islam and Political Movements in Africa		+	
12.	ARE 457 Islam and Socio-economic Development		+	

Bachelor of Arts (Religion and Social Development)

Program Structure and Duration

The Bachelor of Arts (Religion and Social Development) students shall take a minimum of 48 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take a minimum of 12 units per year in the First, Second, Third and Fourth years respectively, totaling 48 units.

Contact Hours is 35 per unit.

Units Codes and Titles

SN	Level 100	Sem 1	Sem 2
	Unit Code and Title		
1.	APH 100: Introduction to Philosophy	+	
2.	APH 100: Introduction to Philosophy	+	
3.	ARE 103: Sociology of Religion		+
4.	ARE 104: Introduction to World Religions	+	
5.	ARE 105: Introduction to African Religion and Culture	+	
6.	ARE 118: Religion and Social Development in Africa		+
7.	ARE 119: Religion and Reproductive Health		+
8.	ARE 120: Religion, Culture and Development in Africa		+
9.	ARE 121: Introduction to Religious Ethics	+	+
10.	UCU 100: Communication Skills		
11.	UCU 101: Development Studies		
12.	UCU 103: Introduction to Critical and Creative Thinking	+	
	Level 200		
	Unit Code and Title		
13.	ARE 211: Religious Anthropology	+	
14.	ARE 226: Ethics and Morality in African Religion(<i>prerequisite ARE 105</i>)	+	
15.	ARE 227: Theory and Method in the Study of Religion	+	
16.	ARE 265: Religion and Human Development		+
17.	ARE 266: Religion and Resource Management		+
18.	ARE 267: Religion and Poverty Alleviation in Africa		+
19.	ARE 269: Theology of Development		+
20.	ARE 270: Religion and Human Sexuality		+
21.	ARE 271: Religion and Marginalized	+	
22.	ARE 272: Religion and International Relations	+	
23.	ARE 273: Religion, Law and Order		+
24.	ARE 274: Religion and the Youth		+
	Level 300		
	Unit Code and Title		
25.	ARE 304: Religion and Political Movements in Africa	+	

26.	ARE 311: Religion and Customary Law in Africa	+	
27.	ARE 312: Philosophy of Religion		+
28.	ARE 371: Religion and Population Management in Africa		+
29.	ARE 372: Religion and Politics	+	
30.	ARE 373: Religion and the NGOs Sector	+	
31.	ARE 375: Religion and Human Work		+
32.	ARE 376: Religion and Urbanization in Africa		+
33.	ARE 377: Religion, Science and Technology		+
34.	ARE 378: Religion and Human Health	+	
35.	ARE 379: Contemporary psychotherapy and Spirituality	+	
36.	ARE 380: Religion and Human Rights		+
	Level 400		
	Unit Code and Title		
37.	ARE 404: Techniques in the Study of Religion	+	
38.	ARE 405: Research Project (<i>prerequisite ARE 404</i>)		+
39.	ARE 406: Moral Theology	+	
40.	ARE 421: Marriage and Family Structure in Africa		+
41.	ARE 423: African Kinship Systems	+	
42.	ARE 460: Religion and Economic Development in Africa	+	
43.	ARE 461: Religion and Conflict Management		+
44.	ARE 462: Religion and Leadership in Africa	+	
45.	ARE 463: Religion and Gender Issues	+	
46.	ARE 464: Religion and Social Work		+
47.	ARE 465: Women, Religion and Development in Africa		+
48.	ARE 466: Interfaith Dialogue and Development	+	

Bachelor of Arts (BA) & Bachelor of Education (B.Ed) Arts

Program Structure and Duration

The Bachelor of Education students shall take a minimum of 15 units, split in 4 academic years along the guidance of Kenyatta University. The student will be required to take 3 units in First Year, and 4 units (at least 2 Core units and 2 Electives) each, in Second, Third and Fourth years respectively, totaling 15 units. *Contact Hours is 35 per unit.*

SN	Level 100	Sem 1	Sem 2
	Unit Code and Title		
1.	ARE 103: Sociology of Religion		+
2.	ARE 104: Introduction to World Religions	+	
3.	ARE 105: Introduction to African Religion and Culture	+	

	Level 200		
	Unit Code And Title		
1.	ARE 203: Introduction to Church History		+
2.	ARE 215: History of Islamic Civilization and Religion	+	
3.	ARE 227: Theory & Methods in the Study of Religion	+	
4.	ARE 265: Religion and Human Development		+
	Level 300		
CreOp- tion	Unit Code and Title		
1.	ARE 302: The Church in Africa(<i>prerequisite ARE 351</i>)	+	
2.	ARE 309: Systematic Theology		+
3.	ARE 312: Philosophy of Religion		+
4.	ARE 340: New Religious Movements in Africa	+	
5.	ARE 351: Old Testament Hermeneutics	+	
6.	ARE 352: New Testament Hermeneutics		+
Ire Op- tion			
1.	ARE 312: Philosophy of Religion		+
2.	ARE 316: Islamic Theology and Principles	+	
3.	ARE 320: Islam in East Africa	+	
4.	ARE 322: Survey of Islam in Africa		+
5.	ARE 327: Study of Qur'an Text	+	
6.	ARE 328: Study of Hadith Texts		+

Units Codes and Titles

	Level 400		
Cre Option	Unit Code and Title	Sem 1	Sem 2
1.	ARE 400: Contemporary Trends in Christian Theology	+	
2.	ARE 401: Christian Response to Contemporary Issues		+
4.	ARE 403: Ecumenical Movement		+
5.	ARE 445: Pentecostalism and Charismatic Renewal Movements	+	
6.	ARE 446: African Women's Theologies	+	
7.	ARE 450: Interfaith Dialogue		+
Ire Option			
1.	ARE 416: Modern Islamic Reform Movements	+	
2.	ARE 417: Islamic Philosophy(<i>prerequisite ARE 215</i>)		+
3.	ARE 450: Interfaith Dialogue		+
4.	ARE 451: Muslim Response to Contemporary Issues	+	
5.	ARE 454; Contemporary Islamic World	+	
6.	ARE 457: Islam and Socio-Economic Development		+

Masters in Religious Studies

Program Structure and Duration

A student should specialize in any of the following three areas:

African Traditional Religion

Religions of East Asian Origin

Judaism

Christianity

The Master of Arts in Religious Studies shall extend over at least eighteen months. In the first year, students will take eight units of which two will be core and six electives. In the second year, students will concentrate on their research work and submit a thesis. *Contact Hours is 35 per unit.*

SN		Sem1	Sem2
	Unit Code and Title		
1.	AMC 800: General Research Methodology	+	
2.	ARE 801: Phenomenology of Religion	+	
3.	ARE 802: Cultural Background of African Religion	+	
4.	ARE 803: Sources of Religion and Culture in Africa		+
5.	ARE 804: Rites of Passage within African communities in Kenya		+
6.	ARE 805: African Ethics and Morality	+	
7.	ARE 806: Mass Communication and African Religious Thought and Culture	+	
8.	ARE 808: Religious and Political Movements in Africa		+
9.	ARE 809: Religion, Witchcraft, Magic and Sciences		+
10.	ARE 810: Modern Literary Interpretations of African Religion	+	
	Religions of East Asian Origin		
	Unit Code and Title		
1.	ARE 811: Peoples, Gods and History	+	
2.	ARE 812: Texts and Beliefs		+
3.	ARE 813: Worship and the Holy Places		+
4.	ARE 814 Religious Festivals and Special Occasions	+	
5.	ARE 815: Ethics and Morality in East Asia	+	
6.	ARE 816: Transition and Beyond		+
7.	ARE 817: History of East Religions in Kenya		+
	Judaism	+	
	Unit Code and Title		
1.	ARE 818: Origin of the Hebrew People and their Theology	+	
2.	ARE 819: History of Judaism		+
3.	ARE 820: The Messianic Expectation in Judaism		+
4.	ARE 821: Social Ethics in Judaism	+	
5.	ARE 822: Worship in Judaism	+	

6.	ARE 823: Jewish Celebrations		+
7.	ARE 824: Hebrew Language		+
8.	ARE 825: Hebrew Literature: A study of specific talmudic texts	+	
9.	ARE 826: Contemporary Judaism	+	
	Christianity		
	Unit Code and Title		
1	ARE 828: Methods for Biblical Textual Studies		+
2	ARE 829: Christian Initiation and Rites		+
3	ARE 830: Christian Worship	+	
4	ARE 831: Covenant Theology	+	
5	ARE 832: Inter-Testamental Period		+
6	ARE 833: Pauline Theology		+
7	ARE 834: Death and After Life	+	
8	ARE 835: Apocalyptic Literature	+	
9	ARE 836: Poetic and Wisdom Literature		+
10	ARE 837: Church History	+	
11	ARE 838: Themes in Church History	+	
12	ARE 854: The Synoptic Gospels		+
13	ARE 840: Contemporary Theology		+
14	ARE 841: Christianity and Society	+	
	Islam		
	Unit Code and Title		
1	ARE 844: Study of the Glorious Qur'an	+	
2	ARE 845: Study of Hadith and Sunnah	+	
3	ARE 846: Theology and Principles of Fiqh		+
4	ARE 847: Modern Trends in Islam		+
5	ARE 848: Social Structure in Islam and its Practices	+	
6	ARE 849: Philosophical Movements in Islam		+
7.	ARE 850: Dynamic Changes in Islam in the 19th & 20th centuries	+	
8	ARE 851: Islam in East Africa		+
9	ARE 852: Muslim thought and Practice		+
10.	ARE 853: Arabic	+	

PhD in Religious Studies

Program Structure and Duration

PhD in Religious Studies will take a minimum period of 3 years for Regular (Full time) students or 6 years for Part time students. A student will be required to write a research proposal of a topic of choice, conduct research and submit a thesis.

Unit Code and Title

ARE 900: Thesis

10.7 Department of Psychology**BA (Psychology)****Duration and pattern of course**

The BA Psychology shall consist coursework, examination and a research project.

The BA Psychology programme shall take a minimum period of 4 years

The student shall be required to take a minimum of 12 units in each of the 4 years. In year 3, the student shall register for a research project

Programme Structure and Duration**Compulsory units**

University Common units as guided by the School

Students taking BA Psychology will be expected to take all units in the four years of study

Research project (APS 330) is equivalent to 2 units will be done in two semesters to give students adequate time to complete their projects

List of Units across Semester

	B.A. Psychology		
SN	Unit Code and Title	Sem 1	Sem 2
Level 100			
1	AEN102: The use of English for Academic Purposes		+
2	APH 100: Introduction to Philosophy	+	
3	APS 102: Social Psychology	+	
4	APS 103: History and Systems of Psychology		+
5	APS 106: Introduction to life cycle development		+
6	APS 107: Introduction to Biological Psychology		+
7	ASC 100: Introduction to Sociology	+	
8	ASC 101: Introduction to Anthropology	+	
9	EPS 100: Introduction to Psychology	+	
10	UCU 100: Communication Skills	+	
11	UCU 101: Development Studies (or) UCU 104: Introduction To Entrepreneurship (or) UCU 106: Diversity, Ethics and Citizenship	+	
12	UCU 103: Introduction to critical and creative thinking		+
Level 200			

SN	Unit Code and Title	Sem 1	Sem 2
1	ACU 201: Introduction to Statistics in Social Sciences (<i>Pre-requisite for APS 330</i>)	+	
2	ACU 202: Methods and Techniques of Social Science Research(<i>Pre-requisite for APS 330</i>)		+
3	APH 201: History of Philosophy		+
4	APH 202: Epistemology	+	
5	APS 201: Psychology of Personality	+	
6	APS 203: Cross-Cultural Psychology		+
7	APS 210: Motivation and Emotion	+	
8	APS 212: Child Psychology	+	
9	APS 213: Introduction to Counselling Psychology		+
10	APS 214: Human Sexuality	+	
11	APS 215: Psychology of Gender		+
12	ASC 200: Sociological theory	+	
Level 300			
SN	Unit Code and Title	Sem 1	Sem 2
1	APS 301: Human Learning	+	
2	APS 303: Psychology of Adolescence		+
3	APS 304: Abnormal Psychology	+	
4	APS 308: Psychological Assessment		+
5	APS 309: Psychology of Language		+
6	APS 310: Introduction to Neuropsychology		+
7	APS 315: Psychology and Crime	+	
8	APS 317: Group Dynamics	+	
9	APS 318: Security Psychology and Strategic studies		+
10	APS 321: Environmental Psychology	+	
11	APS 323: Behaviour Modification	+	
12	APS 330: Research Project	+	+
Level 400			
1	APS 409: Lifestyle Diseases and Rehabilitation		+
2	APS 417: School Psychology		+
3	APS 401: Clinical Psychology	+	
4	APS 402: Cognitive Psychology		+
5	APS 405: Health Psychology	+	
6	APS 406: Psychology of Politics		+
7	APS 410: Experimental Psychology	+	
8	APS 412: Organizational Psychology		+
9	APS 420: Family Psychology	+	
10	APS 424: Professional Issues and Ethics		+
11	APS 427: Adult Development and Aging	+	
12	APS 430: Psychology and Spirituality	+	

BA (Counseling Psychology)**Duration and pattern of course**

The Bachelor of Arts in Counseling Psychology shall consist of coursework, examination, research project and supervised practicum

The BA Counseling Psychology programme shall take a minimum of 4 years. The candidate shall be required to take a minimum of 12 units in each of the 4 years

In the first two years students shall take units that require a written exam at the end of each semester

In years 3 and 4, students shall, among other units register for and complete a research project as well as supervised practicum.

Programme Structure and Duration

University common units as guided by the school

Students taking BA Counseling will be expected to take all units in the four years of study

Counseling practicum (APS 421) is equivalent to 4 units

While on practicum students will be expected to attend a three hour weekly counseling supervision (APS 428)

Research Project (APS 330) will run through two semesters

Students will be expected to undertake 15 hours of personal therapy before they proceed on practicum

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2
Level 100			
1	AEN102: The use of English for Academic Purposes		+
2	APH 100: Introduction to Philosophy	+	
3	APS 102: Social Psychology	+	
4	APS 103: History and Systems of Psychology		+
5	APS 106: Introduction to life cycle development		+
6	APS 107: Introduction to Biological Psychology		+
7	ASC 100: Introduction to Sociology	+	
8	ASC 101: Introduction to Anthropology	+	
9	EPS 100: Introduction to Psychology	+	
10	UCU 100: Communication Skills	+	
11	UCU101:Development Studies (or) UCU 104: Introduction To Entrepreneurship (or) UCU 106: Diversity, Ethics and Citizenship	+	
12	UCU 103: Introduction to critical and creative thinking		+
Level 200			
1	ACU 201: Introduction to Statistics in Social Sciences	+	
2	ACU 202: Methods and Techniques of Social Science Research		+
3	APH 201: History of Philosophy		+

4	APH 202: Epistemology	+	
5	APS 201: Psychology of Personality	+	
6	APS 203: Cross-Cultural Psychology		+
7	APS 210: Motivation and Emotion	+	
8	APS 212: Child Psychology	+	
9	APS 213: Introduction to Counselling Psychology		+
10	APS 214: Human Sexuality	+	
11	APS 215: Psychology of Gender		+
12	ASC 200: Sociological theory	+	
Level 300			
SN	Unit Code and Title	Sem 1	Sem 2
1	APS 304: Abnormal Psychology	+	
2	APS 307: Theories of Counselling (<i>Pre-requisite for all sem II units</i>)	+	
3	APS 313: Introduction to Group Counselling		+
4	APS 315: Psychology and Crime	+	
5	APS 319: Premarital Counselling		+
6	APS 320: Counselling Special Populations		+
70	APS 322: Assessment Procedures in Counselling		+
8	APS 323: Behaviour Modification	+	
9	APS 324: Emotions, personal Meaning and Counselling	+	
10	APS 325: Introduction to Family Therapy		+
11	APS 327: Substance Abuse Counselling		+
12	APS 330: Research Project	+	+
Level 400			
1	APS 408: Psychotherapy in Africa	+	
2	APS 415: Correctional Counselling	+	
3	APS 416: Introduction to Skills and Techniques of counselling (<i>Pre-requisite for all sem II units</i>)	+	
4	APS 418: Lifestyle Diseases and Rehabilitation		+
5	APS 421: Counselling Practicum /APS 428: Counselling Practicum Supervision		+
6	APS 422: Loss and Grief Counselling		+
7	APS 423: Counselling Children and Adolescents		+
8	APS 424: Professional Issues and Ethics		+
9	APS 425: Crisis Intervention and Counselling	+	
10	APS 426: HIV and AIDS counselling		+
11	APS 429: Introduction to Counselling Practicum		+
12	APS 431: Psychology of Health, Stress and Coping	+	

* Not taught units.

Postgraduate Diploma in Addiction Treatment Science

Duration and pattern of course

The Postgraduate Diploma in Addiction Treatment Science shall consist of coursework, examination, project and supervised practicum.

The postgraduate diploma shall take a minimum period of 1 year. The candidate shall be required to take 6 units in their 1st semester, 7 in their second semester and 2 units (supervised practicum & supervised project) in their last semester

Programme Structure and Duration

Students taking post graduate diploma in Addiction Treatment Science will be expected to take all units in the 3 semesters of the programme (One year)

Supervised practicum (APS 714) is equivalent to two units

Research project (APS 715) is equivalent to two units

List of Units Across Semesters

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	APS 701 Multicultural Diversity in Psychology	+		
2	APS 702 Measurement and evaluation in addiction Treatment	+		
3	APS 703 Physiology and pharmacology for addiction Professionals	+		
4	APS 704 Continuum of care in the treatment of SUDs	+		
5	APS705 Basic counselling and psycho-education skills for addiction professionals	+		
6	APS 706 Developing community- based addiction recovery support systems –I	+		
7	APS 707 Co-occurring mental and medical disorders in addiction treatment		+	
8	APS 708 Screening, assessment and treatment planning in addiction treatment		+	
9	APS 709 Case management in addiction treatment		+	
10	APS 710 Crisis intervention in addiction Treatment		+	
11	APS 711 Ethics in addiction treatment		+	
12	APS712 Developing community –based addiction recovery support systems – II		+	
13	APS 713 Working with families with SUDs		+	
14	APS 714 Supervised practicum in addiction treatment			+
15	APS 715 Supervised Project on measurement and evaluation of interventions in addiction treatment			+

MA (Counselling Psychology)

Duration and pattern of the course

The Master of Arts (counseling Psychology) shall consist of coursework, examination, research project

and supervised practicum. The MA programme shall take a minimum period of two years. In year 1 a candidate shall be required to take a total of 10 units. In year two a candidate shall take 4 taught units as well as Counseling Practicum and submit a project.

Programme Structure and Duration

The M.A. programme in Counselling Psychology shall extend over a period of twenty four months.

Students will be expected to do coursework, examination and research project/thesis.

Students will spend their first year doing fourteen Units, of which twelve will be Core and two Elective Units.

In the second year first semester, students will be expected to do a 500 hours supervised practicum at the end of which they will write a practicum report. In the second semester, students will work on their research project. The practicum and project are equivalent to four units as follows:

APS 802: Research Project (4 Units)

APS 803: Counselling Field Practicum (4 Units)

List of Units across Semesters

SN	Unit Code and Title	Sem 1	Sem 2
1	AMC 800: Research Methods in Social Sciences	+	
2	AMC 801: Statistics in Social Sciences		+
3	APS 802: Research Project*		+
4	APS 803:Counselling Field Practicum/APS 822: Counselling Practicum Supervision		+
5	APS 804: Fundamentals and Process of Counselling	+	
6	APS 805: Theories of Counselling		+
7	APS 807: Counselling Skills and Techniques	+	
8	APS 808: Marital and Family Therapy	+	
9	APS 810: Introduction to Psychopathology	+	
10	APS 813: Addiction Counselling and Psychotherapy		+
11	APS 814: Loss and Grief Counselling	+	
12	APS 816: Professional and Ethical Issues in Counselling		+
13	APS 817: Psychological Assessment and Evaluation		+
14	APS 818: Group Counselling		+
15	APS 819: Developmental Psychology	+	
16	EPS 827: Theories of Personality	+	

* Not taught units.

PhD (Counseling Psychology)

Duration and Pattern of the Course

The PhD (Counseling Psychology) shall consist of coursework, examination, thesis and supervised practicum. The Phd programme shall take a minimum period of 3 years. In year 1, a candidate shall be

required to take a total of 7 units. In year 2, a candidate shall be required to take a total of 3 taught units in addition to dissertation and supervised practicum. In year 3, the candidate shall concentrate on research work and submit a dissertation

Programme Structure and Duration

The Ph.D. degree in Counseling Psychology shall be offered on a Full- time and a Part-time basis.

The Ph.D. degree in Counseling Psychology shall extend over a period of three (3) years for full time students and four (4) years for part-time students from the date of registration.

Maximum period of study for a Ph.D. degree in Counseling Psychology may be extended to 4 years and 6 years respectively for full-time and part-time Ph. D. candidates, unless under special circumstances.

Students pursuing the Ph.D. degree in Counseling Psychology are expected to do coursework, examination, internship, and thesis. A student, who shows proof of having gone through a similar Ph.D. coursework program at a recognized Institution, shall, subject to the discretion of the Department's Postgraduate Board, be exempted from taking coursework.

There are three areas of specialization in the program as follows:

Counseling in health settings

Marital and Family therapy

Addiction and Rehabilitation Counseling

(Note: For a specialization to be offered it must attract the minimum number of students as per the University policy)

(i) Full-time students will spend their first year doing ten Units, of which eight will be core and two specialization/elective units.

(ii) Part-time students will spend their first year and 1st Semester of their second year doing ten Units, of which eight will be core and two specialization/elective units.

Full time students should register for units as follows:

First year

First semester:- Five core units

Second Semester: - three core units and two specialization/elective units.

Second year

First Semester:- Counseling Internship I

Second Semester:- Counseling Internship II

Third Year

Dissertation writing

Part time students should register for units as follows:

First year

First semester:- Three core units

Second Semester: - four core units.

Second year

First Semester: - 1 core unit and two specialization/elective units.

Second Semester:- Counseling Internship I

Trimester:- Counseling Internship II

Third and Fourth Year- Dissertation Writing

Counseling Internship will cover two consecutive academic semesters. Internship I will be carried out in a clinical setting that follows the medical model while Internship II may be carried out in a non-clinical setting. Students shall identify internship sites with qualified site supervisors and meet any cost as per site requirements. If a student chooses a site that does not have a qualified site supervisor (as per department requirements), the student will be expected to identify an external supervisor approved by the department to support on-site supervision at their cost. During the entire internship period, students will be expected to attend 3- hour weekly group supervision by a University lecturer. For quality purposes, the on- campus group supervision shall take place in groups not exceeding 12 students. In addition, the students will be given two site supervision visits by the university lecturer/ supervisor (at the beginning and at the end of the internship period) for purposes of on-site supervision and to validate the internship process. The advanced clinical internship in counseling shall be equivalent to 8 units, the outcome of which will be embodied in a report to be presented to the department for grading.

Prior to undertaking practicum, students will be expected to undertake 30 hours of personal therapy at their cost (with qualified counselors approved by the department).

Students will be required to present a concept paper for their research by the end of their first year of study. Students will be expected to present their proposals at the department by the end of the second year of study.

In the final year of study, a student shall submit to the University a thesis for examination

10.8 Department of Public Policy and Administration

All our units taught cover 35 hours and there are no prerequisites

Bachelor of Arts (Public Policy and Administration)

Programme Structure and Duration

The BPPA degree programme is designed to take 4 academic years. A total of 50 units will be taken comprising of 49 taught units and three months Internship equivalent to one unit. In the first year of study, a student will take 10 core units and 4 University Common Units. From 2nd to 4th year, a student will take 12 units per year.

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	AGD 100: Introduction to Gender and Development	+	
2	AHT 102: Introduction to Political Science	+	
3	APH 103: Introduction to Ethics		+
4	APP 100: Fundamentals of Public Sector Accounting		+
5	APP 101: Introduction to Public Administration		+
6	APP 102: Quantitative Methods	+	
7	APP 103: Introduction to Public Policy		+
8	ASC 100: Introduction to Sociology	+	
9	BBA 102: Principles of Management		+
10	EET 102: Principles of Economics	+	
11	UCU 100: Communication Skills	+	
12	UCU 101: Development Studies		+
13	UCU 103: Introduction to Critical and Creative Thinking	+	
14	UCU 106: Diversity, Ethics and Citizenship		+
	Level 200		
1	ACU 201: Introduction to Social Statistics	+	
2	ACU 202: Methods and Techniques in Social Science Research		+
3	AHT 203: Modern Government in Africa		+
4	APP 200: Principles of Public Law	+	
5	APP 201: Political Theory	+	
6	APP 203: Administrative Law	+	
7	APP 204: Public Choice	+	
8	APP 205: Introduction to Administration Theory	+	
9	APP 206: Corporate Social Responsibility		+
10	ASC 205: Rural Sociology		+
11	EAE 204: Economic Development		+
12	FAS 203: Anthropology of Conflict and Violence		+
	Level 300 – Core		
1	APP 300: Development Administration	+	
2	APP 303: Devolved Government	+	

3	APP 307: Public Policy Analysis		+
4	APP 309: Finance Management for Policy Makers	+	
5	BBA 301: Human Resource Management	+	
6	BBA 314: Public Relations		+
7	FAS 305: Ethics and Governance	+	
8	FAS 311: Supply Chain Management and Logistics		
Electives (Take 2 Per Semester)			
9	AHT 314: Comparative Government in Developing Countries	+	
10	AHT 315: Political Parties and Interest Groups		+
11	APP 302: Foreign Policy		
12	APP 306: Media and Public Policy	+	
13	APP 308: Administrative Leadership in the Public Sector		+
14	ASC 326: Community Development		+
Level 400			
1	AGD 408: Gender Mainstreaming in Development		+
2	APP 400: Strategic Management in the Public Sector	+	
3	APP 405: Energy Policy		+
4	APP 406: Internship	+	
5	BBA 414: Management of Public Enterprises	+	
6	BMS 400: Management Information Systems		+
7	BMS 406: Project Management		+
8	FAS 407: Diplomacy and International Relations	+	
Level 400: Electives			
9	APP 401: International Organizations	+	
10	APP 402: Urban Governance	+	
11	APP 403: Transport Policy		+
12	APP 404: Organizational Development in Public Sector		+
13	ASC 422: Sociology of Development	+	
14	FAS 408: Disaster Management		+
15	KST 413: Agriculture Policy and Law		+
16	PPH 404: Health Care Systems, Policy & Planning	+	

Executive Master of Arts (Public Policy and Administration)

Programme Structure and Duration

The EMPPA degree programme is designed to take one calendar year consisting of three (3) semesters. A total of 16 units will be taken comprising 12 taught units and a research project equivalent to 4 units. Students will be required to take four (4) taught units per semester. During the second semester, students will be required to register for four (4) taught units and the research project. Students will be required to defend their research proposals by the end of the second semester. In the third semester, students register for the final four (4) taught units and submit their final research project for examination.

SN	Unit Code and Title	Year 1		
		S1	S2	S3
1	AMC 800: Research Methods in Social Sciences	+		
2	APE 800: Quantitative Methods for Public Policy	+		
3	APE 801: Economics for Policy, Planning and Development		+	
4	APE 802: Public Project Monitoring and Evaluation		+	
5	APP 803: Devolved Government			+
6	APP 804: Law and Governance	+		
7	APP 810: Project		+	
9	APP 812: Financial Management for Policy Makers			+
10	APP 813: Conflict and Disaster Management			+
11	APP 814: Human Resource Management in Public Sector		+	
12	APP 816: Strategic Management in the Public Sector		+	
13	APP 817: Public Policy Analysis			+
8	APP811: Public Procurement and Supply Chain Management	+		

Master of Arts (Public Policy and Administration)

Programme Structure and Duration

The MPPA degree programme consists of coursework, examination and research project.

The programme will be offered in two modes, regular and evening/weekend with students in both modes being required to take a total of eighteen (18) units by the end of the programme.

In the first year of study, a student will be required to take five (5) units in the first semester and five (5) units in the second semester.

During the second year of study, a student will be required to take FOUR (4) units in the first semester and undertake a research project in the second semester. The research project shall be equivalent to four units.

The duration of the programme shall be a minimum of two academic years.

SN	Unit Code and Title	Year 1			Year 2		
		S1	S2	S3	S4	S5	S6
1	AMC 800: Research Methods in Social Sciences	+					
2	APP 800: Microeconomics for Public Policy	+					
3	APP 801: Quantitative Techniques for Public Policy	+					
4	APP 802: Public Administration	+					
5	APP 803: Devolved Government and Development	+					
6	APP 804: Law and Governance		+				
7	APP 805: Macroeconomics for Public Policy		+				
8	APP 806: Public Finance and Accounting		+				

9	APP 807: Public Information Systems Management		+				
10	APP 808: Corporate Governance in Public Sector		+				
11	APP 809: Project Management in Public Sector			+			
12	APP 816: Strategic Management in the Public Sector			+			
13	APP 817: Public Policy Analysis			+			
	Electives (Take 1)						
14	APP 810: Project				+		
15	APP 811: Public Procurement and Supply Chain Management			+			
16	APP 812: Financial Management for Policy Makers			+			
17	APP 813: Conflict and Disaster Management			+			
18	APP 814: Human Resource Management in Public Sector			+			
19	APP 821: Sustainable Development			+			

Master of Arts (Leadership and Governance)

Programme Structure and Duration

The MLG degree programme consists of coursework, examination and research project/thesis. The programme will be offered in two modes, Full-Time and Part-Time, with students in both modes being required to take a total of eighteen (18) units by the end of the programme.

A student, who opts to pursue the MLG Degree by project, will be required to take five (5) units in the first semester and five (5) units in the second semester of First Year of Study.

During the second year of study, Project candidates will be required to take four (4) units in the respective areas of specialization in the first semester and undertake a research project in the second semester. The research project shall be equivalent to four units.

A student who opts to pursue the MLG degree course by thesis will be required to take five (5) units during the first semester of First Year of study. In the second semester, the candidate will take APL 804: (Research methodology in Leadership and Governance) and Four (4) units in the respective area of specialization.

Thesis candidates will undertake thesis research in the second year of study. The thesis shall be equivalent to eight (8) units. The duration of the programme shall be two (2) academic years.

SN	Unit Code and Title	Year 1			Year 2		
		S1	S2	S3	S4	S5	S6
1	AMC 800: Research Methods in Social Sciences	+					
2	APL 800: Philosophies & Theories of Leadership	+					
3	APL 801: Organizational Management & Leadership	+					
4	APL 802: Ethics and Accountability in Leadership	+					
5	APL 803: Gender in Leadership and Governance	+					
6	APL 804: Research methodology in Leadership and Governance		+				
7	APL 805: Governance, Law and Development		+				

8	APL 806: Strategic Management and Leadership		+				
9	APL 807: Leading Organizational Change		+				
10	APL 808: Organizational Behaviour		+				
	(Transformative Leadership Specialization)						
11	APL 809: Team Leadership			+			
12	APL810: Human Resource Management			+			
13	APL 811: Financial Accountability in Leadership			+			
14	APL 812: Conflict Management and Negotiation			+			
	(Governance and Development Specialization)						
15	APL 811: Financial Accountability in Leadership			+			
16	APL 813: Theories and principles of Corporate Governance			+			
17	APL 814: Public Governance			+			
18	APL 815: Governance, Politics and Development			+			
	(Electoral Governance and Leadership Specialization)						
19	APL 816: Electoral legal and Regulatory Framework			+			
20	APL 817: Electoral Operations, Budgeting and Planning			+			
21	APL 818: Political Parties, Campaigns and Political Financing			+			
22	APL 819: Civic and Voter Education			+			
23	APL 820: thesis/ Project			+	+		

PhD in Public Policy and Management

Programme Structure and Duration

The PhD degree programme is designed to take at least 3 academic years for fulltime and 5 years for part-time students. A total of 17 units will be taken comprising 9 taught units and a Thesis equivalent of 8 units.

		Y 1	Y2	Y3	
SN	Unit Code and Title	S1	S2	S1	S2
1	APP 901: Public Budgeting and Financial Administration	+			
2	APP 902: Advanced Research methods in Public Policy and mgt	+			
3	APP 903: Public Policy Analysis		+		
4	APP 904: Political Economy for Public Policy		+		
5	APP 905: Development Administration		+		
6	APP 911: Public Management	+			
	(Public Policy Specialisation)				
7	APP 906: National and County Government Policy & Admin			+	
8	APP 907: Economic Policy & Program Evaluation			+	
9	APP 908: Strategic Leadership in Public Sector			+	
	(Public Management Specialisation)				
10	APP 900: PhD Thesis				+

11	APP 909: Ethics, Integrity & Governance in Public Management			+	
12	APP910: Organization Development & Change in Public Management			+	
13	BBA 924: Organizational theory and Behaviour			+	

11. SCHOOL OF LAW

11.1 Department of Public Law

Bachelor of Laws (LL.B.)

Programme Structure and Duration:

The Law Program is a Four Academic Year Program. It comprises a minimum of eight (8) semesters of full time attendance of lectures offered in the School which equate to two (2) semesters per calendar year of 17 weeks. This constitutes 15 weeks of class contact time and 2 weeks of sit in final examinations.

The courses offered in the Program are taken during the semester and involve lecture-student class interaction. **Each course unit is allocated 3 hours per week**, Contact hours is 45 hours per unit while compulsory practical units are taken out of semester at the end of the 2nd and 3rd year of study.

SN	Unit Code and Title	Sem1	Sem2	
	Level 100			Prerequisites
1.	LPL 101: Social Foundations of Law (Core)	+		
2.	LPL 102: Legal Research and Writing I (Core)	+		
3.	LPL 107: Legal Systems and Methods (Core)	+		
4.	LPL 110: Criminal Law I (Core)	+		
5.	LIL 100: Mooting 1(Core)		+	
6.	LPL 104: Constitutional Law I (Core)		+	
7.	LPL 111: Criminal Law II (Core)		+	
	Level 200			
8.	LPL 210: Criminal Procedure (Core)	+		
9.	LPL 211: Evidence I (Core)	+		
10.	LPL 212: Constitutional Law II (Core)	+		
11.	LPL 214: Administrative Law (Core)	+		
12.	LPL 213: Evidence II (Core)		+	
13.	LPL 215: Judicial Attachment (Out of Semester Unit Registered in First Semester the Following Academic Year after the Attachment) (Core)		+	
14.	LPL 216: Human Rights Law (Core)		+	
	Level 300			
15.	LIL 300: Public International Law (Core)	+		

16.	LIL 302: Environmental Law (Elective)	+		
17.	LPL 311: Electoral Law (Elective)	+		
18.	LIL 312: Clinical Seminar 1 (Core)	+		
19.	LIL 313: Mooting 2 (Core)	+		
20.	LPL 314: Legal Research and Writing II (Core)		+	
21.	LIL 303: Conflict of Laws (Core)		+	
22.	LIL 301: International Dispute Resolution (Elective)		+	A pass of at 50% in LIL 300- Public International Law a prerequisite
23.	LIL 304: International Law of the Sea (Elective)		+	A pass of at 50% in LIL 300-Public International Law a prerequisite
24.	LIL 305: East African Regional Law (Elective)		+	
25.	LIL 315: Clinical Seminar 2 (Core)		+	
26.	LPL 315: Legal and Legislative Drafting (Elective)		+	
	Level 400			
27.	LPL 405: Jurisprudence (Core)	+		
28.	LIL 405: International Human Rights Law (Core)		+	
29.	LIL 401: International Humanitarian Law (Elective)		+	
30.	LPL 400: Labour Law (Core)		+	A pass of at least 50% in LIL 300- Public International Law a prerequisite
31.	LIL 403: International Criminal Law (Elective)		+	
32.	LIL 406: Law of Refugees and Internally Displaced Persons (Elective)		+	
33.	LIL 407: Law of International Organizations (Elective)		+	A pass of at least 50% LIL 300 –Public International Law prerequisite

11.1 Department of Private Law

Contact hours is 45 hours per unit

SN	Unit Code and Title	Sem1	Sem2
	Level 100		
1.	LPR 108: Law of Contract I (Core)	+	

2.	LPR 101: Law of Torts I (Core)	+	
3.	LPR 109: Law of Contract II (Core)		+
4.	LPR 105: Law of Torts II (Core)		+
	Level 200		
5.	LPR 209: Law of Equity (Core)	+	
6.	LPR 210: Family Law (Core)	+	
7.	LPR 207: Law of Property in Land I (Core)	+	
8.	LPR 202: Professional Ethics and Responsibility (Core)		+
9.	LPR 208: Law of Property in Land II (Core)		+
10.	LPR 211: Law of Trusts (Core)		+
11.	LPR 213: Civil Procedure		+
12.	LPR 204: Law of Succession (Core)		+
13.	LCC 201: Alternative Dispute Resolution (Core)		+
	Level 300		
14.	LPR 313: Children and the Law (Elective)	+	
15.	LCC 303: Insurance Law	+	
16.	LCC 307: Law of Business Associations I (Core)	+	
17.	LCC 309: Commercial Law I (Core)	+	
18.	LCC 311: Intellectual Property Law (Elective)	+	
19.	LCC 308: Law of Business Association II (Core)		+
20.	LCC 310: Commercial Law II (Core)		+
21.	LCC 315: Clinical Externship (Out of Semester Unit Registered in First Semester the Following Academic Year after the Attachment) (Core)		+
	Level 400		
22.	LCC 401: Banking Law (Elective)	+	
23.	LCC 412: International Trade and Investments Law (Elective)	+	
24.	LPR 414: Public Interest Law and Practice I (Core)	+	
25.	LCC 416A: Dissertation writing I (Core)	+	
26.	LCC 400: Tax Law (Elective)	+	
27.	LCC 403: Competition Law (Elective)	+	
28.	LCC 409: Law Science and Technology Law (Elective)	+	
29.	LPR 407: Gender and the Law (Elective)		+
30.	LCC 411: Entrepreneurship for Lawyers (Core)		+
31.	LCC 404: Consumer Protection Law (Elective)		+
32.	LCC 405: Information and Communication Technology Law (Elective)		+
33.	LPR 415: Public Interest Law and Practice II (Core)		+
34.	LCC 416 B: Dissertation Writing II (Core)		+

12. SCHOOL OF MEDICINE

12.1 Department of Pediatrics and Child Health

Bachelor of Medicine and Bachelor of Surgery (M.B. Ch.B.)

Programme Structure

The Bachelor of Medicine and Bachelor of Surgery degree programme (MBChB) is a full time programme to take six academic years of trimesters each.

All the courses in the programme are core and must be successfully completed by the student before graduation. A course is designated as one or more units of study.

Each clinical course shall comprise of lectures, practicals, rotations and clinical instruction, field courses and combined community health attachments where applicable. A unit shall be defined as *35 contact hours*.

SUMMARY OF MBChB REGISTRATION AND EXAMINATION MATRIX

Level	Course	Code	Units (No)	Hours	Start
Level 1	Human Anatomy	HMA	20	700	Semester 1
	Medical Physiology I	HMPI	6	210	Semester 1
	Medical Biochemistry I	HMBI	7	245	Semester 1
	Communication Skills	UCU 100	1	35	Semester 1
	Critical Thinking	UCU103	1	35	Semester 2
	Basic Life Support	HSU	1	35	Semester 1
	Community Health	HCH	3	105	Semester 1
Level 2	Medical Physiology II	HMP II	10	350	Semester 1
	Medical Biochemistry II	HMB II	9	315	Semester 1
	Pathology I	HPA I	24	840	Semester 1
	Community Health	HCH	3	105	Semester 1
	Medical Ethics	PIM200	1	35	Semester 1
	Nursing Skills In Medicine (Formerly HIM 500)	PIM201	1	35	Semester 2
	Pharmacology	HIP	3	105	Semester 3
Level 3	Pathology II	HPA II	22	770	Semester I
	Pharmacology	HIP	7	245	Semester I
	Junior Clerkship In Internal Medicine	PIM I	18	630	Semester 2
	Junior Clerkship In Psychiatry	HPS I	12	420	Semester 2
	Junior Clerkship in Surgery	HMS I	30	1050	Semester 2
Level 4	Junior Clerkship in Obstetrics & Gynaecology I	HRH	7	245	Semester I
	Junior Clerkship in Paediatrics	HPD	7	245	Semester I

	Surgery Specials	HMS II	13	455	Semester II
	Internal Medicine Specials	PIM II	10	350	Semester2
	Psychiatry Specials	HPS II	1	35	Semester2
	Electives				Semester3
Level 5	Senior Clerkship in Obstetrics and Gynecology	HRH	18	630	Semester I
	Senior Clerkship in Paediatrics	HPD	18	630	Semester I
	Community Health	HCH	7	245	Semester I
Level 6	Senior Clerkship in Internal Medicine	PIM II	8	280	Semester I
	Senior Clerkship in Psychiatry	HPS II	26	910	Semester I
	Senior Clerkship in Surgery	HMS II	34	1190	Semester I

12.2 Department of Human Anatomy

Programme Structure

The bachelor of Medicine Bachelor of Surgery shall consist of full time course work and examination and Human Anatomy is a constituent part of the programme offered in the first year of study.

Semester I

Level 100					
S/N	Unit Code	Title	Sem. 1	Sem. 2	Sem. 3
1.	HMA 100	Introduction to Human Anatomy	+		
2.	HMA 101	Anatomy of Gluteal Region, hip Joint and the Thigh	+		
3.	HMA 102	Anatomy of the Leg and the Knee Joint	+		
4.	HMA 103	Anatomy of the Ankle Joint and Foot	+		
5.	HMA 104	Anatomy of the Pectoral region, Shoulder and Arm	+		
6.	HMA 105	Anatomy of the Forearm and hand	+		
Semester II					
S/N	Unit Code	Title	Sem. 1	Sem. 2	Sem. 3
7.	HMA 106	Anatomy of the Head and Neck Region		+	
8.	HMA 107	Neuroanatomy		+	
9.	HMA 108	Organization of Flarynx and Phonation		+	
10.	HMA 109	The Thoracic Wall and Mechanisms of Breathing		+	
11.	HMA 110	Anatomy of the Mediastinum		+	
12.	HMA 111	The Abdominal Cavity and Viscera		+	
13.	HMA 112	The Gastrointestinal Tract and the pancreas		+	
Semester III					

S/N	Unit Code	Title	Sem. 1	Sem. 2	Sem. 3
14.	HMA 113	Anatomy of the Billiary System			+
15.	HMA 114	Anatomy of the Intestinal Tracts			+
16.	HMA 115	The urinary System and Kidneys			+
17.	HMA 116	The Ureters, Bladder and the Urethra			+
18.	HMA 117	The Male Reproductive System			+
19.	HMA 118	The Female Reproductive System			+
20.	HMA 119	The Perineum and Pelvis			+

12.3 Department of Pathology

Diploma in Mortuary Science

Duration and Pattern of the Course

The programme shall cover a minimum period of two academic years, with each academic year

divided into two semesters. A semester shall consist of 16 weeks and the teaching hours *will be 35 hours*. The candidate is expected to take 12 units in Year 1 and 12 units in Year 2 including Project. The candidate will also be expected to take part in attachment at other related external facilities

during the last 4 months of Year 2 as part of the project. Assessment and evaluation of the attachment and project work shall constitute 1 unit. To qualify for the award of diploma, the candidate should have successfully completed a minimum of 24 units including the project and attachment.

S/N	Unit Code/Unit Title	Sem 1	Sem 2
1.	HPA 050: Human Anatomy	+	
2.	HPA 051: Embalming I	+	
3.	HPA 052: Environmental Health	+	
4.	HPA 053: Pathology I	+	
5.	HPA 054: Restorative Art Principles	+	
6.	HPA 055: Financial Accounting	+	
7.	HPA 056: Computer Applications	+	
8.	HPA 057: Elements of Economics		+
9.	HPA 058: Funeral Service Marketing		+
10.	HPA 059: Communication Skills		+
11.	HPA 060: General Psychology		+
12.	HPA 061: Psychology of Death, Grief and Counselling		+
13.	HPA 062: Thanatology: A Socio-Cultural and Historical Perspective		+
14.	HPA 063: Embalming II		+
15.	HPA 064: Microbiology	+	
16.	HPA 065: Pathology II	+	
17.	HPA 066: Postmortem	+	
18.	HPA 067: Contemporary Professional Issues	+	
19.	HPA 068: Cremation: Principles and Practices	+	

20.	HPA 069: Funeral Management	+	
21.	HPA 070: Human Resource Management		+
22.	HPA 071: Risk Management		+
23.	HPA 072: Medical Ethics and Funeral Service Law		+
24.	HPA 073: Project		+

Bachelor of Medicine and Bachelor of Surgery (MBChB)

The Bachelor of Medicine and Bachelor of Surgery degree programme (MBChB) is a full time programme to take six academic years of 3 trimesters in each year. All the courses in the programme are core and must be successfully completed by the student before graduation. A course is designated as one or more units of study. Each clinical course shall comprise the contact hours indicated against it. These will comprise of lectures, practicals, rotations and clinical instruction, field courses and combined community health attachments where applicable. *A unit shall be defined as 35 contact hours.*

Prerequisites

Pathology I

There are no specific prerequisites courses for Pathology I. Students should however have successfully completed year 1 of the MBChB program.

Pathology II

Students should have fulfilled all the requirements for Pathology I Examinations.

	LEVEL 200			
	Unit Code and Title	Sem 1	Sem 2	Sem 3
1.	HPA 200: General Pathology I	+		
2.	HPA 202: Introduction of Immunology	+		
3.	HPA 203: Cellular Immunology	+		
4.	HPA 204: Introduction to Medical Microbiology	+		
5.	HPA 205: Pathogenic Gram Positive Bacteria	+		
6.	HPA 206: Introduction to Medical Parasitology and Protozoology	+		
7.	HPA 207: Pathogenic Gram Negative Bacteria	+		
8.	HPA 218: Clerkship I	+		
	Unit Code and Title	Sem 1	Sem 2	Sem 3
9.	HPA 201: General Pathology II		+	
10.	HPA 208: Genetic Disorders and Environmental Diseases		+	
11.	HPA 209: Immunochemistry		+	
12.	HPA 210: Immunopathology of Infectious Pathogens		+	
13.	HPA 213: Medical Helminthology I: Nematodes		+	
14.	HPA 214: Medical Helminthology II: Platyhelminthes		+	
15.	HPA 216: Atypical Bacterial Pathogens		+	

16.	HPA 217: Introduction to Medical Virology		+	
17.	HPA 222: Clerkship II		+	
18.	HPA 211: Clinical Bacteriology			+
19.	HPA 212: Medical Mycology			+
20.	HPA 215: Clinical Immunology			+
21.	HPA 219: Pathogenic Viruses			+
22.	HPA 220: Introduction to Medical Entomology			+
23.	HPA 221: Harmful Effects and Control of Parasites			+
24.	HPA 223: Clerkship III			+
	Level 300			
25.	HPA 300: Pathology of the Cardiovascular System and Lymphatics	+		
26.	HPA 301: Basics of Chemical Pathology	+		
27.	HPA 302: Introduction to Haematology	+		
28.	HPA 303: Introduction to Histopathology	+		
29.	HPA 304: Haematology II	+		
30.	HPA 305: Introduction to Cytopathology	+		
31.	HPA 318: Clerkship IV	+		
32.	HPA 306: Pathology of the Urinary and Male Genital Systems		+	
33.	HPA 307: Pathology of the Female Genital System		+	
34.	HPA 308: Pathology of the Respiratory System		+	
35.	HPA 309: Pathology of the Head, Neck and Endocrine System		+	
36.	HPA 310: Chemical Pathology II		+	
37.	HPA 311: Pathology of the Gastrointestinal System		+	
38.	HPA 319: Clerkship IV		+	
39.	HPA 312: Pathology of Musculoskeletal and Soft Tissues			+
40.	HPA 313: Blood Transfusion			+
41.	HPA 314: Pathology of the Nervous System			+
42.	HPA 315: Pathology of the Skin			+
43.	HPA 316: Pathology of The Breast			+
44.	HPA 317: Introduction to Forensic Pathology			+
45.	HPA 320: Clerkship VI			+

12.4 Department of Medical Physiology

Bachelor of Medicine and Bachelor of Surgery (MBChB)

Programme Duration and Structure:

6 years – 3 semesters per year. The department has **No Prerequisites**

Time: **560 hrs** including lectures and Practical's/Orals

100 Level Units

Core course

	Unit Code and Title			
	Level 100			
1.	HMP 100: General and Applied Cellular Physiology	+		
2.	HMP 102: Physiology of circulating body fluids	+		
3.	HMP 101: Membrane and Excitable tissue physiology		+	
4.	HMP 103: Physiology of the Heart		+	
5.	HSU 100: Basic Life Support & Emergency Care		+	
6.	HMP 104: Physiology of Vascular system			+
7.	HMP 105: Physiology of special circulation			+
	Level 200			
8.	HMP 200: Respiratory Physiology: Mechanics of Respiration	+		
9.	HMP 201: Transport of gasses and respiratory control	+		
10.	HMP 202: Physiology of Endocrine system & metabolism	+		
11.	HMP 203: Physiology of Reproduction	+		
12.	HMP 204: Peripheral Nervous Physiology		+	
13.	HMP 205: Motor System and Equilibrium Physiology		+	
14.	HMP 207: Physiology of Higher Cerebral functions		+	
15.	HMP 206: Physiology of Special Senses			+
16.	HMP 208: Gastrointestinal and Autonomic nervous system Physiology			+
17.	HMP 209: Renal Physiology & Body fluid Homeostasis			+
18.	HMP 210: Applied Physiology in Special situations			+

12.5 Department of Surgery & Orthopaedics

Bachelor of Medicine and Bachelor of Surgery

Duration and Pattern of the Programme

Bachelor of Medicine and Bachelor of Surgery (MBChB) is a full time programme to take six academic years of trimesters each.

All the courses in the programme are core and must be successfully completed by the student before graduation. A course is designated as one or more units of study.

Each clinical course shall comprise the contact hours indicated against it. These will comprise of lectures, practicals, rotations and clinical instruction, field courses and combined community health attachments where applicable.

Prerequisite is successful completion of the previous academic year

A unit shall be defined as 35 contact hours.

List of Unit

	Level 300	Sem 1	Sem 2
S/N	Unit Code and Title		
1.	HMS 300 Principles of Gastrointestinal and Hepatobiliary Surgery	+	+
2.	HMS 301 Introduction to Orthopaedics, Trauma and General Fracture Management	+	+
3.	HMS 302 Principles of Plastic and Reconstructive Surgery	+	+
4.	HMS 303 Systematic Fracture Management, Thoracic and Vascular Surgery	+	+
5.	HMS 304 Introduction to Urology and Neurosurgery	+	+
6.	HMS 305 Pathological Bone Disease and General Orthopedic Conditions	+	+
7.	HMS 306 Abdomen & Gastroenterological examination, investigation and management of associated common conditions.	+	+
8.	HMS 307 Chest and respiratory system examination, investigation and management of associated common conditions	+	+
9.	HMS 308 Genital- urological examination, investigation and management of associated common conditions.	+	+
10.	HMS 309 Head and Neck examination, investigations and management of associated common conditions.	+	+
11.	HMS 310 Musculoskeletal system examination, investigations and management of associated common conditions.	+	+
12.	HMS 311 Examination, investigations and management of common systems trauma.		
	Level 500	Sem 1	Sem 2
S/No.	Unit Code and Title		
1.	HMS 500 Introduction to radiology and imaging	+	+
2.	HMS 501 Techniques in Radiology and Imaging	+	+
3.	HMS 502 Dental Health	+	+
4.	HMS 503 Dental Therapeutics	+	+
5.	HMS 504 Basics of Anaesthesia	+	+
6.	HMS 505 Principles of Anaesthesia	+	+
7.	HMS 508 Ophthalmology I	+	+
8.	HMS 509 Ophthalmology II	+	+
9.	HMS 510 Head and Neck Surgery	+	+
10.	HMS 511 ENT	+	+

	Level 600	Sem 1	Sem 2
S/N	Unit Code and Title		
1.	HMS 600 Principles and Practice of Surgery	+	+
2.	HMS 601 Upper Gastrointestinal and Hepatobiliary Surgery	+	+
3.	HMS 602 Orthopaedic Evaluation and General Fracture Management		
4.	HMS 603 Lower Gastrointestinal and Breast Surgery	+	+

5.	HMS 604 Plastic, Reconstructive Surgery		
6.	HMS 605 Congenital and General Orthopaedics	+	+
7.	HMS 606 Urology and Neurosurgery	+	+
8.	HMS 607 Surgical skills in Orthopaedics and Trauma, Arthroplasty and Prosthetics	+	+
9.	HMS 608 Senior clerkship in genital and urological conditions	+	+
10.	HMS 609 Endocrinological examination, investigations and management of associated common conditions		
11.	HMS 610 Advanced musculoskeleton system examination, investigations and management of associated common conditions		
12.	HMS 611 Advanced systems examination, investigations and management of associated common conditions		
13.	HMS 612 Advanced trauma investigation and management of common systems trauma	+	+

12.6 Department of Medical Laboratory Sciences

A unit shall be defined as 35 contact hours. Prerequisite is successful completion of the previous academic year

Bachelor of Science (Medical Laboratory Sciences)

SN	Unit Code and Title	Sem1	Sem 2	Sem 3
	Level 100 (First Year)			
1.	HML 100: Basic Cell Biology	+		
2.	HML 101: Basic Biochemistry I	+		
3.	HML 102: Human Anatomy I	+		
4.	HML 109: Inorganic Chemistry for MLS	+		
5.	HML 110: Organic Chemistry for MLS	+		
6.	SMA 100: Mathematics for Sciences I	+		
7.	UCU 100: Communication Skills	+		
8.	HML 103: Human Anatomy II		+	
9.	HML 104: Basic Biochemistry II		+	
10.	HML 105: Human Physiology		+	
11.	HML 106: Basic Virology		+	
12.	HML 107: Medical Bacteriology		+	
13.	HML 108: Basic Immunology		+	
14.	UCU 103: Introduction to Critical and Creative Thinking			
15.	HML 112: Skills Laboratory I			+
	Level 200 (Second Year)			
16.	HML 200: First Aid	+		
17.	HML 201: HIV, AIDS & Retrovirology	+		
18.	HML 202: Haematology I	+		
19.	HML 203: Experimental Animal Science	+		

20.	HML 204: Medical Physics I	+		
21.	HML 205: Clinical Pharmacology	+		
22.	UCU 104: Entrepreneurship			
23.	HML 206: Haematology II		+	
24.	HML 207: Medical Physics II		+	
25.	HML 208: Transfusion Science		+	
26.	HML 209: Medical Mycology		+	
27.	HML 210: Basic Human Pathology		+	
28.	HML 211: Medical Parasitology I		+	
29.	HML 212: Skills Laboratory II			+
	Level 300 (Third Year)			
30.	HML 300: Genetic Disorders	+		
31.	HML 301: Histocytopathology	+		
32.	HML 302: Clinical Chemistry I	+		
33.	HML 303: Medical Parasitology II	+		
34.	HML 304: Clinical Virology	+		
35.	HML 305: Clinical Bacteriology I	+		
36.	HML 306: Clinical Immunology		+	
37.	HML 307: Clinical Chemistry II		+	
38.	HML 308: Clinical Bacteriology II		+	
39.	HML 309: Diagnostic Virology		+	
40.	HML 310: Transfusion II		+	
41.	HML 311: Bioethics		+	
42.	HML 312: Skills Laboratory III			+
	Level 400 (Fourth Year)			
43.	HML 400: Fundamentals of Epidemiology	+		
44.	HML 401: Fundamentals of Forensic Science	+		
45.	HML 402: Laboratory Management	+		
46.	HML 403: Basics of Nutrition, Diabetics and Nutritional Disorders	+		
47.	HML 404: Food & Water Microbiology	+		
48.	HML 405: Pharmacognosy	+		
49.	HML 406: Basic Research Methodology		+	
50.	HML 407: Community Health		+	
51.	HML 408: Forensic Pathology & Odontology		+	
52.	HML 409: Forensic Anthropology, Linguistics & Psychology		+	
53.	HML 410: Clinical Laboratory Informatics		+	
54.	HML 411: Practical Epidemiology		+	
55.	HML 412: Hospital Attachment			+

Master of Science (Infectious Diseases)

SN	Unit Code and Title	Sem1	Sem 2	Sem 3
	Master of Science (Infectious Diseases)			
	First Year Units – Core Units			
1.	HML 800: Fundamentals of Virology	+		
2.	HML 801: Basic Immunology	+		
3.	HML 802: Bacteriology	+		
4.	HML 803: Medical Mycology	+		
5.	HML 804: Parasitology	+		
	A. Core Units:			
1.	HML 805: Research Methods & Biostatistics		+	
2.	HML 806: Advanced Epidemiology		+	
	B. Optional Units:			
	Virology Option			
1.	HML 807: Tumour Virology		+	
2.	HML 808: Molecular Virology I		+	
3.	HML 809: Molecular Virology II		+	
	Immunology Option			
1.	HML 810: Cellular Immunology		+	
2.	HML 811: Molecular Immunology		+	
3.	HML 812: Immunopathology		+	
	Bacteriology Option			
1.	HML 813: Bacterial Genetics		+	
2.	HML 814: Special Bacterial Syndromes		+	
3.	HML 815: Human Bacterial Infections		+	
	Mycology Option			
1.	HML 816: Molecular Mycology		+	
2.	HML 817: Human Mycoses		+	
3.	HML 818: Mycotoxins & Phycotoxins		+	
	Parasitology Option			
1.	HML 819: Molecular Parasitology		+	
2.	HML 820: Tropical Parasitic Disorders		+	
3.	HML 821: Vector Biology		+	
	Second Year Unit			
	HML 600: Thesis	+		

	Level 900 – Doctor of Philosophy	
	Unit code and Title	Year of Study
	PhD Thesis	

12.7 Department of Medicine, Therapeutics, Dermatology & Psychiatry

Bachelor of Medicine, Bachelor of Surgery

Duration and Pattern of the Programme

Bachelor of Medicine and Bachelor of Surgery (MBChB) is a full time programme to take six academic years of trimesters each.

All the courses in the programme are core and must be successfully completed by the student before graduation. A course is designated as one or more units of study.

Each clinical course shall comprise the contact hours indicated against it. These will comprise of lectures, practicals, rotations and clinical instruction, field courses and combined community health attachments where applicable. *A unit shall be defined as 35 contact hours.*

Prerequisite is successful completion of the previous year

Programme Structure

List of Units

SN.	Level 2 - Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HIP 200 - Introductions to Pharmacologic Principles			+
2	PIM 200 - Medical Ethics			+
3	PIM 201 – Nursing Skills and Current Trends in Medicine			+

SN.	Level 3 - Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HPS 300 - Psychiatric Evaluation & Classification	+		
2	HPS 301 - Acute stress & Mood Disorders	+		
3	PIM 300 - Infectious diseases	+		
4	PIM 301 - Introduction to Pulmonary and GIT diseases	+		
5	HIP 303 - Antibiotics	+		
6	HIP 305- Cardiovascular and Renal Drugs	+		
7	HIP 302 - Anaesthetic, Analgesic muscle relaxants and Anti Rheumatic agents	+		
8	HPS 303 - History taking and examinations	+		+
9	HPS 304 - Mood disorders (History and Examination)	+		+
10	PIM 303 - History Taking	+		+
11	PIM 304 - General Examinations	+		+
12	PIM 308 - Gastro Intestinal (Tract System History & Examination)	+		+
13	PIM 305 - Respiratory System (History & Examination)	+		
14	HIP 304 - Antimicrobial Agents		+	
15	HIP 307 - Gastrointestinal and Respiratory Drugs		+	
16	HIP 309 - Haematology, Immunology and Cytotoxic Drugs		+	
17	PIM 302 - Introduction to Renal and Cardiac Diseases		+	

18	HPS 302 - Schizophrenia and Related Disorders		+	
19	PIM 307 - CNS		+	
20	PIM 306 - C.V.S.		+	
21	HIP 301 - Autonomic Pharmacology and Autocoids			+
22	HIP 306 - Drugs acting on Central nervous system			+
23	HIP 308 Metabolic and Endocrine drugs			+

SN.	Level 5 - Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HPS 500 - Forensic Psychiatry	+	+	ELECTIVES
2	HPS 501 - Forensic Psychiatry (Clerkship)	+	+	
3	PIM 501 - Dermatology	+	+	
4	PIM 502 - Dermatology and Sexuality	+	+	
5	PIM 503 - Management of HIV/AIDS	+	+	
6	PIM 508 - Clerkship Dermatology and Sexuality	+	+	
7	PIM 509 - HIV/AIDS at C.C.C. (Clerkship)	+	+	
8	PIM 504 - Forensic Medicine	+	+	
9	PIM 510 - Forensic Medicine (Clerkship)	+	+	
10	PIM 505 - Introduction to complementary and alternative systems of medicine	+	+	
11	PIM 506 - Natural Medicine	+	+	
12	PIM 507 - Integrating Traditional and Complementary Medicine into National Health Care	+	+	

SN.	Level 6 - Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HPS 600 - Misuse and Dependence on alcohol and other drugs	+		
2	HPS 601 - Eating and Sleeping and Psychosexual Disorders	+		
3	HPS 602 - Aging, Dementia and Amnesic Disorders	+		
4	PIM 608 - Gastrointestinal Diseases	+		
5	PIM 609 - Renal Diseases	+		
6	PIM 610 - Cardiac Diseases	+		
7	HPS 606 - History taking & General Examination	+		
8	PIM 606 - History taking and General Examinations	+		
9	PIM 611 - Respiratory system (Pulmonary) Examinations	+		
10	PIM 612 - Cardiovascular system Examinations	+		
11	PIM 613 - Central nervous system Examinations (C.N.S)	+		
12	HPS 603 - Developmental Disorders		+	
13	HPS 604 - Psycho pharmacy and E.C.T.		+	
14	HPS 605 - Psychotherapies and Psychiatric Care in the Community		+	

15	PIM 605 - Rheumatology and Endocrinology		+	
16	PIM 603 - Haematology		+	
17	PIM 602 - Neurological Disorders		+	
18	PIM 601 - Hepatobiliary and Pancreatic Diseases		+	
19	HPS 607 - History taking and examinations (Psychiatry)		+	
20	PIM 606 - History taking and examinations (Internal Medicine)		+	
21	PIM 611 - Respiratory System		+	
22	PIM 612 - CVS		+	
23	PIM 613 - C.N.S		+	
24	HPS 606 - Ethics in Psychiatry and the Mental Health Act			+
25	HPS 611 - Substance Abuse			+
26	HPS 612 - Dementia, Eating & Sleeping disorders			+
27	HIP 600 - Clinical Toxicology			+
28	PIM 600 - Genital and Sexually Transmitted Diseases (HIV)			+
29	PIM 604 - Oncological Disorders			+
30	PIM 614 - Gastro-intestinal Examinations			+
31	PIM 615 - Rheumatology			+
32	PIM 616 - Haematology			+
33	PIM 617 - Oncology			+

12.8 Department of Obstetrics and Gynaecology

Program Structure

Semester I, II & III

Level 100					
S/N	Unit Code	Title	Sem.1	Sem.2	Sem.3
	HRH 400	Overview of Obstetrics and Physiology of Pregnancy	+	+	+
2.	HRH 401	Antepartum Management, Normal Labour and Delivery	+	+	+
3.	HRH 402	Abnormal Labour and Delivery and Operative Obstetrics	+	+	+
4.	HRH 403	Common Complications of Pregnancy	+	+	+
5.	HRH 404	Disorders of the Placenta and Fetal Membranes	+	+	+
6.	HRH 405	Medical and Surgical Complications in Pregnancy	+	+	+
7.	HRH 406	Obstetrics Anatomy and Reproductive Physiology	+	+	+
8.	HRH 407	Acquired and Inherited Gynecological Disorders	+	+	+
9.	HRH 408	Reproductive Tract Infections	+	+	+
10.	HRH 409	Gynecological Malignancy	+	+	+
11.	HRH 410	Infertility and Abortion Management	+	+	+
12.	HRH 411	Contraception and Sterilization	+	+	+

13.	HRH 412	Gynecological Operations	+	+	+
14.	HRH 413	Techniques used to Assess Fetal Health	+	+	+
15.	HRH 414	Principles of Focused Antenatal Care and Organization of Antenatal Clinic	+	+	+
16.	HRH 415	Principles of Obstetrics Examination and Conduct of Labour	+	+	+
17.	HRH 416	Operative Obstetrics	+	+	+
18.	HRH 417	Principles of Postnatal Care	+	+	+
19.	HRH 418	The practice of Conception and Family Planning	+	+	+
20.	HRH 419	Principles of Gynecologic	+	+	+
21.	HRH 420	Post Abortion Care (PAC)	+	+	+
22.	HRH 421	Operative Gynecology	+	+	+

MASTERS IN MEDICINE (FAMILY MEDICINE)

LEVEL 800

COURSE AND UNITS CODES

Year 1

	Sem I	Sem II	Sem III	Hours
PFM 801: Introduction to Principles of Family Medicine	+			80
PFM 802: Evidence Based Medicine in Family Medicine	+			80
PFM 803: Medical Informatics (Computer use in Medicine)	+			80
PFM 804: Clinical Communication and Counseling	+			80
PFM 805: Medical Ethics	+			80
PFM 806: EPIDEMIOLOGY AND BIOSTATISTICS	+			80
PFM 807: Epidemiology in Family Medicine	+			80
PFM 808: Biostatistics in Family Medicine	+			80
PFM 809: RESEARCH METHODS	+			80
PFM 810: Introduction to Research Methods in Family Medicine	+			80
PFM 811: Design of Clinical Research: An Epidemiological Approach	+			80
PFM 812 : INTERNAL MEDICINE I		+		45
PFM 813:Respiratory disorders in Family Medicine		+		45
PFM 814:Musculoskeletal disorders in Family Medicine		+		45
PFM 815: Gastrointestinal disorders in Family Medicine		+		45
PFM 816:Urogenital disorders in Family Medicine		+		45
PFM 817:Haematological disorders in Family Medicine		+		45
PFM 818: GENERAL SURGERY AND ORTHOPAEDICS I		+		45
PFM 819:Wounds and injuries in different body parts		+		45

PFM 820: Fractures dislocations and sprains		+		45
PFM 821: Surgical infections		+		45
PFM 822: Asepsis and sterilisation		+		45
PFM 823: Community surgery		+		45
PFM 824: PAEDIATRICS AND CHILD HEALTH I			+	45
PFM 825: Childhood nutrition growth and development			+	45
PFM 826: Childhood Respiratory disorders in Family Medicine			+	45
PFM 827: Childhood Musculoskeletal disorders in Family Medicine			+	45
PFM 828: Childhood Gastrointestinal disorders in Family Medicine			+	45
PFM 829: Childhood urogenital disorders in Family medicine			+	45
PFM 830: REPRODUCTIVE HEALTH I			+	45
PFM 831: Safe motherhood principles in Family Medicine I			+	45
PFM 832: Symptoms based pregnancy complications I			+	45
PFM 833: Pregnancy procedures in Family Medicine I			+	45
PFM 834: Medical disorders in pregnancy I			+	45
PFM 835: Womens health I			+	45
YEAR 2				45
PFM 836: INTERNAL MEDICINE II	+			45
PFM 837: Cardiovascular disorders in Family Medicine	+			45
PFM 839: Medical Reproductive disorders in Family Medicine	+			45
PFM 840: Neuroscience in Family Medicine	+			45
PFM 841: Clinical therapeutics in Family Medicine	+			45
PFM 842: GENERAL SURGERY AND ORTHOPAEDICS II	+			45
PFM 843: Conditions of the head neck and breast	+			45
PFM 844: Conditions of the abdomen and the male genitourinary system	+			45
PFM 845: Conditions of the limbs and back	+			45
PFM 846: Surgical oncology	+			45
PFM 847: Primary anaesthesia	+			45
PFM 848: PAEDIATRICS AND CHILD HEALTH II		+		45
PFM 849: Childhood haematological disorders in Family Medicine		+		45
PFM 850: Childhood cardiovascular disorders in Family Medicine		+		45
PFM 851: Childhood endocrine disorders in Family Medicine		+		45
PFM 852: Childhood reproductive disorders in Family Medicine		+		45
PFM 853: Childhood neurological disorders in Family Medicine		+		45

PFM 854: REPRODUCTIVE HEALTH II		+		45
PFM 855: : Safe motherhood principles in Family Medicine II		+		45
PFM 856: Symptoms based pregnancy complications I		+		45
PFM 857: Pregnancy procedures in Family Medicine II		+		45
PFM 858: Medical disorders in pregnancy II		+		45
PFM 859: Women's health II		+		45
PFM 860: FAMILY MEDICINE PART I		+		45
PFM 861: HEALTH SERVICE MANAGEMENT AND POLICY			+	40
PFM 862: Health Service Management and Policy in Primary Care			+	40
PFM 863: Leadership and Clinical governance			+	40
PFM 864: Learning and Teaching in Family Medicine			+	40
PFM 865: COMMUNITY ORIENTED PRIMARY CARE I			+	40
PFM 866: Introduction to Community Oriented Primary Care			+	40
PFM: 867: Continuity of Care in Family Medicine			+	40
PFM 868: Nutrition and dietetics in Family Medicine			+	40
PFM 869: DISASTER AND EMERGENCY MEDICINE I			+	40
PFM 870: Emergency Management in Obstetrics and Neonatal Care			+	40
PFM 871: Comprehensive Advanced Life Support			+	40
YEAR III				
PFM 872: DISASTER AND EMERGENCY MEDICINE II	+			45
PFM 873: Emergency Management in Obstetrics and Gynaecology	+			45
PFM 874: Paediatrics Emergencies	+			45
PFM 875: Medical Emergencies	+			45
PFM 876: Surgical Emergencies	+			45
PFM 877: CONTINUITY CARE IN ADULTS AND CHILDREN	+			45
PFM 878: HIV/AIDS	+			45
PFM 879: Chronic Disease Care	+			45
PFM 880: Dermatology in Family Medicine	+			45
PFM 881: SPECIALTY MEDICINE I		+		115
PFM 882: ENT and Ophthalmology		+		115
PFM 883: Mental Health/Psychiatry		+		115
PFM 884: SPECIALTY MEDICINE II			+	115
PFM 885: Medical Imaging			+	115
PFM 886: Palliative and End Of Life Care			+	115

PFM 887: Forensic and Toxicology			+	115
YEAR IV				115
PFM 888: COPCII: COMPREHENSIVE CARE	+			115
PFM 889: Comprehensive Case Studies: The Kenya Essential Package for Health	+			115
PFM890: Acute Care in Adults	+			115
PFM 891: Acute care in children	+			115
PFM 892: HEALTH SERVICE MANAGEMENT		+		115
PFM893: The practice of Family Medicine (Primary Care)		+		115
PFM 894: Quality Improvement Process in Primary care		+		115
PFM 895: COMMUNITY HEALTH CENTRE ATTACHMENT			+	115
PFM 896: Community Health Centre Practice			+	115
PFM 897: Community Oriented Primary Care III: Community Intervention			+	115
PFM 898: Research Project (Thesis)			+	115
PFM 899: FAMILY MEDICINE PART II			+	115

13. SCHOOL OF NURSING

13.1 Department of Community and Reproductive Health Nursing

Prerequisites

Level 100 must be taken prior to level 200

Level 200 must be taken prior to level 300

Level 300 must be taken prior to level 400

Bachelor of Science in Nursing

Program structure and duration:

Bachelor of Science in Nursing (BSc. N) programme shall consist of course work, Examinations, clinical placement with assessments, teaching practice and assessments, and research project. The BSc. Nursing programme shall take a minimum period of four calendar years (a total twelve calendar years). In one academic year, a candidate shall be required to take an average of 34 units which include clinical units. During the final year the candidate will undertake a research project and a care study as part of the units offered

List of Units across Semesters

SN	Unit Code and Course Title	Sem1	Sem2	Sem3
	100 Level Units			
1	HNS 116: Cell Biology and Genetics	+		
2	HNS 120: HUMAN ANATOMY 1	+		

3.	HNS 121: Introduction to human anatomy	+		
4	HNS 122: Anatomy of the nervous system and the spatial senses	+		
3	HNS 130: EMBRYOLOGY	+		
	HNS 131: Introduction to embryology	+		
	HNS 132: Development of organs and systems	+		
4	HNS 165: HUMAN ANATOMY II		+	
	HNS 166: Anatomy of the head, neck, chest and upper limbs		+	
	HNS 167: Anatomy of the abdomen, gluteal region and the lower limbs		+	
5	HNS 175: HUMAN NUTRITION		+	
	HNS 176: Basic human nutrition		+	
	HNS 177: Nutrition and health		+	
200 Level Units				
6	HNS 230: MEDICAL MICROBIOLOGY AND IMMUNOLOGY	+		
	HNS 231: Medical microbiology	+		
	HNS 232: Immunology	+		
7	HNS 245: FUNDAMENTALS OF REPRODUCTIVE HEALTH AND NORMAL PREGNANCY	+		
	HNS 246: Fundamentals of reproductive health	+		
	HNS 247: Normal pregnancy	+		
8	HNS 250: COMMUNITY HEALTH NURSING I	+		
	HNS 251: Introduction to Community health	+		
	HNS 252: Maternal child health and family planning	+		
9	HNS 270: NORMAL LABOUR, PUEPERIUM AND NEONATOLOGY		+	
	HNS 271: Normal labour		+	
	HNS 272: Normal puerperium		+	
	HNS 273: Neonatology		+	
10	HNS 280: MEDICAL PARASITOLOGY		+	
	HNS 281: Introduction to medical Parasitology		+	
	HNS 282: Medical Helminthology and entomology		+	
11	HNS 285: Clinical placement II			+
	*MCHFP			+
	Labor ward			+
	Postnatal ward (1 weeks)			+
	Antenatal ward			+
	*Newborn unit(3 wks.)			+

	300 LEVEL UNITS			
12	HNS 315: COMPLICATIONS OF PREGNANCY, LABOUR AND PUEPERIUM	+		
	HNS 316: Complications of Pregnancy	+		
	HNS 317: Abnormal labor and obstetric emergencies	+		
	HNS 318: Obstetric operations and abnormal puerperium	+		
13	HNS320: COMMUNITY HEALTH NURSING II	+		
	HNS 321: Occupational health and health promotion	+		
	HNS 322: Primary health care	+		
14	HNS325: EPIDEMIOLOGY AND BIOSTATISTICS	+		
	HNS 326: Epidemiology	+		
	HNS 327: Biostatistics	+		
15	HNS 335: MENTAL HEALTH AND PSYCHIATRIC NURSING	+		
	HNS 336: Introduction to Mental Health and Psychiatric Nursing	+		
		+		
	HNS 337: Mental Health and Psychiatric disorders	+		
	HNS 338: Forensic and Community Psychiatric Nursing			
16	HNS 345: GYNAECOLOGY AND HIV/AIDS		+	
	HNS 346: Gynecology		+	
	HNS 347: STIs and HIV/AIDS management		+	
17	HNS 360: MANAGEMENT OF TERMINALLY ILL AND GERIATRICS		+	
	HNS 361: Palliative and Home Based Care		+	
	HNS 362: Geriatric Nursing		+	
	HNS 363: Oncology Nursing		+	
18	HNS 365: MEDICAL SOCIOLOGY AND ANTHROPOLOGY		+	
	HNS 366: Medical Sociology		+	
	HNS 367: Medical Anthropology		+	
19	HNS 370: Clinical Placement III			+
	Mental Health Nursing Placement			+
	Rural health			+
	Labour ward			+
	Level 400 Units			
20	HNS 416: Gender and Health	+		
21	HNS 435: COMMUNITY HEALTH NURSING III	+		

	HNS 436: Communicable and vector-borne disease	+		
	HNS 437: Essentials of environmental health, water safety	+		
22	HNS 441: Community Diagnosis and Disease Surveillance		+	
23	HNS 442: Applied research		+	
24	HNS 443: Community Midwifery		+	
25	HNS 445: Clinical Placement IV			+
26	District experience			+

Masters of Science Nursing

The Master of Science in Nursing (MSc.N) shall consist of the course work, practical and examinations, and thesis. The MSc.N Program shall take a minimum of two calendar years of three semesters each. In the first year the candidate will take a total of 15 units. In year two, the candidates will be placed in the clinical areas for experience and assessments while they continue with the thesis.

List of Units across Semesters

Second Year of Study Specialization Areas

Master of Science in Nursing – Mental Health and Psychiatry

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 830: Theory and Practice in Mental Health & Psychiatry Nursing	+		
2	HNS 831: Mental Health and Psychiatry Disorders cognitive, perceptual and affective disorders	+		
3	HNS 832: Mental Health and Psychiatry Disorders / Developmental and Self-Regulatory Disorders	+		
4	HNS 833: Forensic and Community Psychiatry	+		

Master of Science in Nursing – Midwifery/Obstetric Nursing

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 860: Professionalism in Midwifery	+		
2	HNS 861: Pregnancy and Neonatology	+		
3	HNS 862: Midwifery Complications & Emergences	+		
4	HNS 863: Obstetrics and Gynaecological Nursing	+		

Master of Science in Nursing – Community Health

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 865: Health Promotion	+		
2	HNS 866: Environmental Health	+		
3	HNS 867: Community Health Nursing	+		
4	HNS 868: Occupational Health	+		

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 876: Proposal writing, Data collection		+	

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 875: Clinical placement in the area of specialization			+
2	HNS 876: Thesis			+

13.2 Departments: Medical Surgical Nursing and Pre-Clinical Sciences

Program structure and duration:

Bachelor of Science in Nursing (BSc. N) programme shall consist of course work, Examinations, clinical placement with assessments, teaching practice and assessments, and research project. The BSc.N programme shall take a minimum period of four calendar years (a total twelve calendar years). In one academic year, a candidate shall be required to take an average of 34 units which include clinical units. During the final year the candidate will undertake a research project and a care study as part of the units offered

List of Units across Semesters

SN	Course Code and Title	Sem1	Sem2	Sem3	Hours
	100 Level Units				
1	HSU 100: Basic Life Support	+			35
2	HNS125:PHYSIOLOGY OF THE CELL AND THE NERVOUS SYSTEM	+			70
	HNS 126: Physiology of the cell and excitable tissue	+			35
	HNS 127: Physiology of the nervous system	+			35
3	HNS 135: BIOCHEMISTRY	+			70
	HNS 136: Fundamentals of biochemistry	+			35
	HNS 137: Metabolism of biomolecules	+			35
4	HNS 140: FUNDAMENTALS OF NURSING	+			35
	HNS 141: Introduction to nursing practice	+			35
	HNS 142:Theoretical concepts of nursing practice	+			35
5	HNS 146: Biochemistry of specialized tissues		+		35
6	HNS 150: NURSING PRACTICE		+		70
	HNS 151: Basic nursing procedures		+		35
	HNS 152: Basic nursing care		+		35
7	HNS 155: PHYSIOLOGY OF THE RESPIRATORY, RENAL AND CIRCULATORY SYSTEMS		+		70
	HNS 156: Physiology of the respiratory and renal systems		+		35
	HNS 157: Physiology of circulatory system		+		35
8	HNS 160: PHYSIOLOGY OF GASTROINTESTINAL, REPRODUCTIVE AND ENDOCRINE SYSTEMS		+		70
	HNS 161Physiology of the gastrointestinal system		+		35

	HNS 162: Physiology of the reproductive and endocrine system		+		35
9	HNS 170: HEALTH ASSESSMENT		+		105
	HNS 171: Introduction to health assessment		+		35
	HNS 172: Health assessment skills		+		35
	HNS 173: Health assessment practicals		+		35
10	HNS 180: CLINICAL PLACEMENTS I			+	35
	Medical placement1			+	35
	Surgical placement			+	35
	Paediatric			+	35
200 Level Units					
1	HNS 235: MEDICAL SURGICAL NURSING I	+			105
	HNS236:Introduction to medical surgical nursing and conditions of the respiratory system	+			35
	HNS237: Cardiovascular and Hematological conditions	+			35
	HNS238:Gastrointestinal and endocrine conditions	+			35
2	HNS240: CLINICAL PHARMACOLOGY & THERAPEUTICS	+			70
	HNS 241: Fundamentals of clinical pharmacology	+			35
	HNS 242: Chemotherapeutic agents	+			35
3	HNS 256: Clinical chemistry		+		35
4	HNS 257: Principles of human psychology		+		35
5	HNS 260: GENERAL PATHOLOGY & HEAMATOLOGY		+		70
	HNS 261: General Pathology		+		35
	HNS 262: Hematology		+		35
6	HNS 265: PHARMACOLOGY OF DRUGS AFFECTING VARIOUS BODY SYSTEMS		+		70
	HNS266:Drugs acting on thecardiovascular and central nervous systems		+		35
	HNS267:Drugs acting on respiratory and gastrointestinal systems and special topics		+		35
7	HNS 275: MEDICAL SURGICAL NURSING II		+		105
	HNS 276: ENT and Ophthalmology		+		35
	HNS 277: Genitourinary and dermatological conditions		+		35
	HNS 278: Neurological and Musculoskeletal conditions		+		35
8	HNS 285: Clinical placement II			+	35
	Medical placement			+	35
300 Level Units					
1	HNS 330: PEDIATRIC HEALTH NURSING	+			35
	HNS 331: Fundamentals of pediatric nursing	+			35
	HNS 332: Childhood conditions	+			35

2	HNS 341: Education psychology for nurses		+		35
3	HNS 350: RESEARCH METHODOLOGY		+		70
	HNS 351: Research methods		+		35
	HNS 352: Research process				35
9	HNS 355: NURSING LEADERSHIP AND MANAGEMENT		+		70
	HNS 356: Introduction to nursing management		+		35
	HNS 357: Management and leadership principles		+		35
12	HNS 370: Clinical Placement III			+	35
	*Pediatric ward Placement			+	35
	Paediatric Outpatient/ IMCI clinic			+	35
Level 400 Units					
1	HNS 420: SPECIALIZED AREA	+			105
	HNS 421: Theatre nursing	+			35
	HNS 422: Critical care nursing	+			35
	HNS 423: Trauma and emergency	+			35
2	HNS 425: HEALTH SERVICES MANAGEMENT (70 HOURS)	+			70
	HNS 426: Health Systems Management	+			35
	HNS 427: Communication and interpersonal relations in Nursing practice	+			35
3	HNS 430: EDUCATIONAL, COMMUNICATION AND CURRICULUM CONCEPTS IN NURSING	+			70
	HNS 431: Curriculum and instruction in nursing	+			35
	HNS 432: Education communication and technology for nurses	+			35
4	HNS 445: Clinical Placement IV			+	35
	Teaching Practice Placement			+	35
	Operating Room/Intensive Care, and Renal Placement/			+	35
	Ward management			+	35
	Accident and emergency /ENT/Ophthalmology Placement			+	35
	Gynecology ward			+	35

Masters of Science Nursing

The Master of Science in Nursing (MSc.N) shall consist of the course work, practical and examinations, and thesis. The MSc.N Program shall take a minimum of two calendar years of three semesters each. In the first year the candidate will take a total of 15 units. In year two, the candidates will be placed in the clinical areas for experience and assessments while they continue with the thesis. *Contact hours per unit are 35 hours.*

SN	Course Title	Sem1	Sem2	Sem3
1	HEH 800: Research Methodology			+
2	HNS 801: Advanced Nursing Practice and Theories	+		
3	HNS 802: Health Assessment	+		
4	HNS803: Cellular Physiology and Pathophysiology	+		
5	HNS804:Physiology and Pathophysiology of the Circulatory Heamatologic Systems	+		
6	HNS 805: Medical Biostatistics	+		
7	HNS 806: Nursing Theory and Practice	+		
8	HNS 807: Physiology and Pathophysiology of Body Organs Sys- tems/Relationship of various body system		+	
9	HNS 808: Advanced Pharmacology and Pharmaco-therapeutics		+	
10	HNS 809: Epidemiology		+	
11	HNS 810: Management Theories and Practice in Nursing		+	
12	Practicum			+

List of Units across Semesters

Second Year of Study Specialization Areas

First Semester Master of Science in Nursing - Oncology

SN	Course Title	Sem1	Sem2	Sem3
1	HNS 820: Clinical Aspects of Cancer	+		
2	HNS 821: Management of Common Cancers	+		
3	HNS 822: Modalities of Cancer Treatment	+		
4	HNS 823: Cancer Care and Support	+		

First Semester Master of Science in Nursing – Nursing Education

SN	Course Title	Sem1	Sem2	Sem3
1	HNS 825: Curriculum and Instruction in Nursing	+		
2	HNS826: Education Communication Technology in Nursing Education	+		
3	HNS 827: Education Psychology for Nurses	+		
4	HNS 828: Educational Planning and Management of Nursing Education	+		

First Semester Master of Science in Nursing – Leadership and Management

SN	Course Title	Sem1	Sem2	Sem3
1	BBA 822: Human Resource Management	+		
2	BBA 823:Strategic Management	+		
3	BBA 831:Total Quality Management in Health Care	+		

4	HNS 838:Health Services Management	+		

First Semester Master of Science in Nursing – Critical Care

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 840:Critical Care Nursing Concepts	+		
2	HNS 841:Rhythm and dysrhythmias in critical care	+		
3	HNS 842:Cardiovascular and pulmonary alterations in critical care	+		
4	HNS843:Renal, gastrointestinal, endocrine and multisystem alterations in critical care	+		

First Semester Master of Science in Nursing – Nephrology

SN	Code and Course Title	Sem1	Sem2	Sem3
1	HNS 845:Review to Nephrology/Urology	+		
2	HNS 846:Renal Conditions/ Alterations	+		
3	HNS 847:Renal Replacement Therapies	+		
4	HNS848:Drugs used in the management of Nephro-urological disorders	+		

First Semester Master of Science in Nursing – Medical Surgical Nursing

SN	Code course Title	Sem1	Sem2	Sem3
1	HNS 850:Patho Physiology of body immune system	+		
2	HNS 851:Patho Pathophysiologic of Cardio-Vascular, Respiratory System and Special Senses	+		
3	HNS 852:Pathophysiologic of Gastro-intestinal and Renal System	+		
4	HNS853:Pathophysiologic of Endocrine Reproductive and Nervous System	+		

First Semester Master of Science in (Nursing) – Paediatric Nursing

SN	Course Title	Sem1	Sem2	Sem3
1	HNS 855:Principles of Paediatric Nursing	+		
2	HNS 856:Neonatology Nursing	+		
3	HNS 857:Paediatric Medical and Surgical Conditions	+		
4	HNS 858:Paediatric Emergencies and Critical Care	+		

First Semester Master of Science in Nursing – Neurology

SN	Course Title	Sem1	Sem2	Sem3
1	HNS 870:Diagnostics in Neuroscience	+		
2	HNS 871:Management of Neuro-Surgical Conditions	+		
3	HNS 872:Critical Care for Neuroscience Nursing	+		
4	HNS873:Management of Neurodegenerative Condition of Cerebro-vascular	+		

Second Semester

SN	Course Title	Sem1	Sem2	Sem3
1.	HNS 876:Proposal writing, Data collection		+	

Third Semester

SN	Course Title	Sem1	Sem2	Sem3
1.	HNS 875 Clinical placement in the area of specialization			+
2.	HNS 876 Thesis			+

14. SCHOOL OF PHARMACY

14.1 Pharmacognosy, Pharmaceutical Chemistry Pharmaceutics and Industrial Pharmacy

14.2 Pharmacology and Clinical Pharmacy

Kindly note that all units in a presiding semester are prerequisite of units offered in the next semester. Contact Hour per unit is 35 except the specified units.

Bachelor of Pharmacy (B. Pharm)

Program Structure and Duration

The Bachelor of Pharmacy degree course (B. Pharm) is a full time programme that shall extend over a period of not less than five academic years of three semesters each. All the courses in the programme are core and must be successfully completed by the student before graduation. A course is designated as one or more units of study. Each course shall comprise the contact hours indicated against it. These will comprise of lectures, practicals, research projects and hospital, industrial and community pharmacy attachments. *A unit shall be defined as 35 contact hours.*

List of Units across Semesters

Level 100				
SN	Unit Code and Title	Sem1	Sem2	Sem3
1	HSU 100: Basic Life Support Skills	+		
	SCH 110: Chemistry I			
2	SCH 100: Fundamentals of Inorganic Chemistry	+		
3	SCH 101: Introduction to Physical Chemistry	+		
4	UCU 100: Communication Skills	+		
	UMA 110: Human Anatomy I			
5	UMA 111: Introduction to human anatomy	+		
6	UMA 112: Anatomy of the Musculoskeletal System and Integument	+		
	UMB 110: Biomembranes, Transport and Enzymology			
7	UMB 111: Introduction to Medical Biochemistry	+		

8	UMB 112: Bio-Membranes and Transport	+		
9	UMB 113: Fundamentals of Enzymology	+		
	UMC 110: Mathematics and Computers			
10	SMA 100: Mathematics for Sciences I	+		
11	SMA 101: Mathematics for Sciences II	+		
12	SMA 190: Introduction to Computers	+		
	UCH 120: Chemistry II			
13	SCH 102: Organic Chemistry I		+	
14	SCH 103: Introduction to Classical Analysis and Separation Techniques		+	
15	SCH 201: Chemical Thermodynamics		+	
	UMA 120: Human Anatomy II			
16	UMA 121: Anatomy of the Nervous System		+	
17	UMA 122: Cardiovascular Anatomy		+	
18	UMA 123: Respiratory System Anatomy		+	
	UMB120: Metabolism of Carbohydrates and Nucleic Acids			
19	UMB 121: Metabolism: Basic Concepts and Design		+	
20	UMB 122: Carbohydrate Metabolism		+	
21	UMB 123: Nucleotide and Nucleic Acid Metabolism		+	
	UMP 120: Medical Physiology I			
22	UMP 121: Introduction to Medical Physiology		+	
23	UMP 122: Membrane and Excitable Tissue Physiology		+	
24	UMP 123: Physiology of Circulating Body Fluids		+	
	UCH 130: Chemistry III			
25	SCH 202: Organic Chemistry II			+
26	SCH 203: Theory of Spectroscopic Methods			+
27	UCU 103: Introduction to Creative and Critical Thinking			+
28	UCU 104: Entrepreneurship			+
	UMA 130: Human Anatomy III			
29	UMA 131: Anatomy of the Alimentary System			+
30	UMA 132: Urinary System Anatomy			+
31	UMA 133: Anatomy of the Reproductive System			+
	UMB 130: Metabolism of Lipids and Proteins			
32	UMB 131: Lipid Metabolism			+
33	UMB 132: Protein and Amino Acid Catabolism			+
34	UMB 133: Biosynthesis of Amino Acids			+
	UMP 130: Medical Physiology II			
35	UMP 131: Physiology of the Heart and Vascular System			+
36	UMP 132: Respiratory Physiology			+

	Level 200			
SN	Unit code and Title	Sem1	Sem2	Sem3
	UCH 210: Chemistry IV			
1	SCH 301: Coordination and Organometallic Chemistry	+		
2	SCH 302: The Chemistry of Aromatic Compounds	+		
3	SCH 303: Stereochemistry, Conformational Studies and Reaction Mechanisms	+		
	UMB 210: Biochemical Genetics Signaling & Endocrinology			
4	UMB 211: Integrated Metabolism in Mammalian Tissues	+		
5	UMB 212: Biochemical Genetics	+		
6	UMB 213: Biochemical Signaling and Endocrinology	+		
	UMM 210: Medical Parasitology and Entomology			
7	UMM 211: Medical Protozoology and Helminthology	+		
8	UMM 212: Medical Entomology	+		
	UMP 210: Medical Physiology III			
9	UMP 211: Physiology of Endocrine System & Metabolism	+		
10	UMP 212: Physiology of Reproduction	+		
	UPA 210: Histopathology and Immunopathology			
11	UPA 211: Principles of Systemic Pathology	+		
12	UPA 212: Immunity and Immunopathology of Infections	+		
	UCH 220: Chemistry V			
13	SCH 305: Chemical Kinetics		+	
14	SCH 401: Concepts of Organic Synthesis		+	
15	SCH 411: Heterocyclic Chemistry		+	
	UMB 220: Biochemistry of Vitamins and Microbes			
16	UMB 221: Biochemistry of Vitamins		+	
17	UMB 222: Biochemistry of Microorganisms		+	
	UMM 220: Medical Bacteriology and Mycology			
18	UMM 221: Basic Bacteriology		+	
19	UMM 222: Clinical Bacteriology		+	
20	UMM 223: Medical Mycology		+	
	UMP 220: Medical Physiology V			
21	UMP 221: Peripheral Nervous Physiology		+	
22	UMP 222: Motor System and Equilibrium Physiology		+	
23	UMP 223: Physiology of Special Senses		+	
	UPA 220: Clinical Chemistry and Haematology			
24	UPA 221: Clinical Chemistry		+	
25	UPA 222: Haematology		+	
	UMB230: Biochemistry of Haemoglobin & Special Organs			
26	UMB 231: Special Topics in Biochemistry			+
27	UMB 232: Biochemistry of Hemoglobin			+

	UMM 230: Medical Virology and Immunology			
28	UMM 231: Medical Virology			+
29	UMM 232: Clinical Immunology			+
	UMP 230: Medical Physiology VI			
30	UMP 231: Physiology of Higher Cerebral Functions			+
31	UMP232: Gastrointestinal and Autonomic Nervous System Physiology			+
32	UMP 233: Renal Physiology and Body Fluid Homeostasis			+
	UPG 230: Natural Sources of Herbal Drugs			
33	UPG 231:Pharmaceutical Botany			+
34	UPG 232: Commerce, Production and Standardization of Medicinal Plants			+
	UPI 230: Introduction to Pharmaceutics			
35	UPI 231: Introduction to Pharmaceutical Dosage Forms			+
36	UPI 232: Pharmaceutical Calculations			+
	Level 300			
SN	Unit code and Title	Sem1	Sem2	Sem3
	UCP310:Institutional and Community Pharmacy Practice			
1	UCP 311: Institution Pharmacy Practice	+		
2	UCP 312: Community Pharmacy Practice	+		
	UPC 310: Fundamentals of Pharmaceutical Chemistry			
3	UPC 311: Physicochemical Properties and Drug Action	+		
4	UPC 312: Drug Discovery, Design and Development	+		
	UPG 310: Biosynthesis, Chemotaxonomy and Biotechnology			
5	UPG 311: Biosynthesis and Chemotaxonomy	+		
6	UPG 312: Biotechnology	+		
	UPI 310: Physical Pharmaceutics I			
7	UPI 311: Powder Science and Pre-Formulation	+		
8	UPI 312: Surface Chemistry and Disperse Systems	+		
	UPL 310: Introduction to Pharmacology			
9	UPL 311: Basic Principles in Pharmacology	+		
10	UPL 312: Drug Development	+		
	USB 310: Social and Behavioral Pharmacy			
11	USB 311: Clinical Communication Skills	+		
12	USB 312: Sociology for Pharmacists	+		
	UCP320:Clinical Pharmacy: Infectious and Parasitic Diseases			
13	UCP 321: Bacterial Infections		+	
14	UCP 322: Viral and Fungal Infections		+	
15	UCP 323: Parasitic Infections		+	
	Course: UPC 320: Synthesis and Metabolism of Drugs			
16	UPC 321: Drug Metabolism		+	
17	UPC 322: Drug Synthesis		+	

	Course: UPG 320: Phytochemistry			
18	UPG 321: Carbohydrates and Lipids		+	
19	UPG 322: Alkaloids and Glycosides		+	
	Course: UPI 320: Physical Pharmaceutics II			
20	UPI 321: Solutions-Dissolution Phenomenon and Rheology		+	
21	UPI 322: Chemical Kinetics and Drug Stability		+	
	Course: UPL 320: Pharmacology: Drugs Used In Infections			
22	UPL 321: Pharmacology of Antibacterial Drugs		+	
23	UPL 322: Pharmacology of Antiviral and Antifungal Drugs		+	
24	UPL 323: Pharmacology of Antiprotozoal and Antihelminthic Drugs		+	
	UCP330: Clinical Pharmacy: Respiratory, Cardiovascular & Renal Disorders			
25	UCP 331: Respiratory and ENT Disorders			+
26	UCP 332: Cardiovascular Disorders and Renal Disorders			+
	UPC 330: Pharmaceutical Analysis I			
27	UPC 331: Principles of Drug Quality Control			+
28	UPC 332: Volumetric, Gravimetric and Electrochemical Analysis			+
	UPG 330: Plant Drugs of Medicinal Value			
29	UPG 331: Medicinal Plants Used In Infectious Diseases			+
30	UPG 332: Medicinal Plants for Physiological Disorders			+
31	UPG 333: Plant Drugs of Abuse and Toxic Plants			+
	UPI 330: Unit Operations			
32	UPI 331: Extraction and Separation			+
33	UPI 332: Milling, Mixing and Drying			+
34	UPI 333: Granulation and Compression			+
	UPL 330: Pharmacology of Respiratory & Cardiovascular Drugs			
35	UPL 331: Respiratory System Drugs			+
36	UPL 332: Eye, Ear Nose and Throat Drugs			+
37	UPL 333: Cardiovascular and Renal Drugs			+
	Level 400			
SN	Unit code and Title	Sem1	Sem2	Sem3
	UCP410: Clinical Pharmacy: Endocrine & Gastrointestinal Disorders			
1	UCP 411: Endocrine and Reproductive Disorders	+		
2	UCP 412: Gastrointestinal Disorders	+		
	UPC 410: Pharmaceutical Analysis II			
3	UPC 411: Separation Techniques in Pharmaceutical Analysis	+		
4	UPC 412: Applications of Spectroscopic Methods	+		
5	UPD 410: Pharmaceutical Dispensing	+		
	UPG 410: Formulation of Herbal Products and Ethnoveterinary			
6	UPG 411: Ethnoveterinary Medicine	+		
7	UPG 412: Formulation of Herbal Products	+		

	UPI 410: Formulation of Solid and Semi-solid Forms			
8	UPI 411: Tablets, Capsules, Powders and Granulated Powders	+		
9	UPI 412: Semi-Solid Dosage Forms	+		
	UPL 410: Pharmacology of Endocrine & Gastrointestinal Drugs			
10	UPL 411: Endocrine System Drugs	+		
11	UPL 412: Drugs Used In Reproductive System Disorders	+		
12	UPL 413: Gastrointestinal System Drugs	+		
	UCP 420: Clinical Pharmacy: Neurological & Musculoskeletal Disorders			
13	UCP 421: Neurological and Ocular Disorders		+	
14	UCP 422: Musculoskeletal and Skin Disorders		+	
	UPC 420: Chemistry of Nervous System Drugs			
15	UPC 421: Central Nervous System Agents		+	
16	UPC 422: Autonomic Drugs		+	
	UPG 420: Pharmacognosy: Analytical Techniques			
17	UPG 421: Fundamentals of Research Methodology on Medicinal Plants		+	
18	UPG 422: Chromatographic & Spectroscopic Methods in Pharmacognosy		+	
	UPI 420: Formulation of Sterile and Liquid Dosage Forms			
19	UPI 421: Solutions, Suspensions and Emulsions		+	
20	UPI 422: Formulation of Sterile Preparations		+	
	UPL 420: Pharmacology: Nervous System Drugs			
21	UPL 421: Drugs Used In CNS Disorders I		+	
22	UPL 422: Drugs Used In CNS Disorders II		+	
23	UPL 423: Autonomic Pharmacology		+	
	UCP 430: Clinical Pharmacy: Special Populations			
24	UCP 431: Women Health			+
25	UCP 432: Pediatric and Geriatric Health			+
	UPC 430: Inorganic Pharmaceutical Chemistry			
26	UPC 431: Electrolytes and Gastrointestinal Agents			+
27	UPC 432: Radiopharmaceuticals and Topical Agents			+
	UPM 430: Principles of Management and Marketing			
28	UPM 431: Principles of Management			+
29	UPM 432: Marketing Management			+
	URB 430: Research Methods and Biostatistics			
30	URB 431: Research Methods			+
31	URB 432: Biostatistics			+
	USM 430: Pharmaceutical Supplies Management			
32	USM 431: Financial and Inventory Management			+
33	USM 432: Human Resource and Project Management			+
	UTM 430: Complementary and Alternative Medicine			

34	UTM431:Introduction to Complementary and Alternative Medicine			+
35	UTM 432: Integrating Traditional and Complementary Medicine into National Health Care			+
	Level 500			
SN	Unit code and Title	Sem1	Sem2	Sem3
1	UPP 510:Attachment (8 Units)	+		
2	URP 510:Research Project (4 Units)	+		
3	ULE 520: Pharmacy Law and Ethics		+	
	UPC 520: Chemistry of Cardiovascular, Musculoskeletal and Endocrine Agents			
4	UPC 521: Cardiovascular Drugs		+	
5	UPC 522: Musculoskeletal Agents		+	
6	UPC 523: Endocrine Drugs		+	
	UPI 520: Biopharmaceutics			
7	UPI521: Route of Drugs Administration, Distribution & Elimination		+	
8	UPI 522: Biopharmaceutical Properties and Dose Regimens		+	
9	UPI 523: Clinical Pharmacokinetics		+	
	UPL 520Pharmacology: Musculoskeletal Dermatological Agents			
10	UPL 521: Dermatological Pharmacology		+	
11	UPL 522: Autacoids and Drugs Used In Pain and Inflammation		+	
	UPL 525:Pharmacology: Antineoplastic & Haematopoietic Agents			
12	UPL 526: Pharmacology of Anti-Cancer Agents		+	
13	UPL 527: Drugs Used in Haematopoietic and Nutritional Disorders		+	
	UCP 530: Clinical Pharmacy: Malignant Disorders			
14	UCP 531: Oncology			+
15	UCP 532: Haematopoietic Disorders			+
	UPC 530: Pharmaceutical Chemistry: Chemotherapeutic Drugs			
16	UPC 531: Antibacterial Agents			+
17	UPC 532: Antiprotozoal, Antifungal and Antiviral Agents			+
18	UPC 533: Anticancer Agents and Immunomodulators			+
	UPI 530:Pharmaceutical Microbiology and Biotechnology			
19	UPI 531: Pharmaceutical Microbiology			+
20	UPI 532: Biotechnology Based Pharmaceuticals			+
	UPL 530: Pharmacology: Veterinary Drugs			
21	UPL 531: Veterinary Antibiotics			+
22	UPL 532: Veterinary Antiprotozoals, Anthelmintics and Pesticides			+
23	Course: UTD 530: Toxicology and Diagnostics			+

Doctoral Programs**Program Structure and Duration**

Ph.D programmes are offered by thesis only and shall take a minimum period of three years.

UPG 900-Pharmacognosy

UPC 900-Pharmaceutical Chemistry

UPI 900-Pharmaceutics

UPL 900-Pharmacology and Toxicology

UCP 900-Clinical Pharmacy and Therapeutics

15. SCHOOL OF PUBLIC HEALTH AND APPLIED HUMAN SCIENCES

15.1 Department of Community Health and Epidemiology**Bachelor of Science (Community Health)****Programme Structure and Duration**

The Bachelor of Science in Community Health shall extend over a period of four (4) academic years. Each academic year shall consist of two (2) semesters for full time students and three (3) sessions for part-time students. The students will take a maximum of fourteen (14) units each academic year with a minimum of fifty (52) units in total. At the end of 2nd and 3rd years, the students will be attached to relevant health organizations for one (1) and two (2) months respectively, which is expected to give them adequate exposure to the required experience and skills in community health. *Contact hour shall be defined as 60.*

Unit Code and Title

	Level 100		
S N	Unit Code and Title	Sem 1	Sem 2
1	HCH 101:Biochemistry I	+	
2	HCH 102:Systemic Human Anatomy and Embryology	+	
3	HCH 103:Medical Education and Ethics	+	
4	HCH 104: Medical Anthropology and Sociology		+
5	HCH 105: Introduction to Medical Physiology		+
6	HCH 106: Biostatistics I		+

7	HCH100:Social Work and Community Development	+	
8	HSU 100: Basic Life Support and Emergency Care		+
9	UCU 100:Communication Skills	+	
10	UCU 103:Introduction to Critical Thinking	+	
11	UCU 104: Entrepreneurship		+
12	UCU 105: HIV/AIDs and Drug Education		+
	Level 200		
S N	Unit Code and Title	Sem 1	Sem 2
1	HCH 200: Biochemistry II	+	
2	HCH 201: Fundamentals of Demography	+	
3	HCH 202: Fundamentals of Environmental Health	+	
4	HCH 203: Introduction to Microbiology	+	
5	HCH 204: Introduction to Medical Parasitology and Entomology	+	
6	HCH 205: Nutrition, Health and Food Security	+	
7	HCH 206: General Systemic Pathology	+	
8	HCH 207: Principles of Immunology		+
9	HCH 208: Health Education and Promotion		+
10	HCH 209: Medical Virology		+
11	HCH 210: Toxicology		+
13	HCH 212:Field Attachment I		+
12	HCH211:Basics of Pharmacology and Pharmacognosy		+

	Level 300			
S N	Unit Code and Title	Sem 1	Sem 2	
1	HCH 300:Epidemiology I	+		
2	HCH 301:Biostatistics II	+		
3	HCH 302:Research Methods	+		
4	HCH 303: Fundamentals of Health Information Management	+		
5	HCH 304:Health Services Management	+		
6	HCH 305:Disaster Management	+		
7	HCH 306:Health Economics and Healthcare Financing	+		
8	HCH 307:Community Diagnosis		+	
9	HCH 308:Communicable Disease Control		+	
10	HCH 309:Non-Communicable Disease Control		+	
11	HCH 310:Solid Waste Management		+	
12	HCH 311:Liquid Waste Management		+	
13	HCH 312:Field Attachment II		+	

	Level 400			
S N	Unit Code and Title	Sem 1	Sem 2	
1	HCH 400: Epidemiology II	+		
2	HCH 401: Maternal and Child Health Programs	+		
3	HCH 402: HIV/AIDS and TB Prevention and Control Program	+		
4	HCH 403: Nutritional Programs	+		
5	HCH 404: Malaria Prevention and Control Program	+		
6	HCH 405: Reproductive Health and Family Planning Program	+		
7	HCH 406: Mental Health, Adolescent Health and Drug and Substance Abuse Program		+	
8	HCH 407: Ethical and Medical-legal Issues		+	
9	HCH 408: Occupational Health and Safety		+	
10	HCH 409: Gender and Health		+	
11	HCH 410: Fundamentals of Monitoring and Evaluation		+	
12	HCH 411: Health Project Management		+	
13	HCH 412: Research Project		+	

Master of Public Health (Epidemiology and Disease Control) and Master of Public Health (Monitoring and Evaluation)

Programme Structure and Duration

The master of Public Health (MPH) shall extend over a period of at least 18 months. The degree shall be offered by coursework, examination and thesis. The coursework shall comprise a series of lectures, practical field courses for a minimum of 2 weeks, visits, demonstration, reports, case presentations and practical. During the first two semesters of study, the students will take at least 10 units. In the subsequent 2 semesters, students will carry out research work in their area of specialization, prepare and present a thesis for examination.

Master of Public Health (Epidemiology and Diseases Control)

	Level 800 – Masters by Thesis			
S N	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1.	HPH 800: Health Research Methods and Ethics	+		Basic Research methods in undergraduate
2.	HPH 802: Principles of Epidemiology	+		Basic Epidemiology in undergraduate
3.	HPH 803: Health Services Management, Policy and Informatics	+		
4.	HPH 804: Project Planning, Monitoring & Evaluation	+		

5.	HPH 805: Behavioral Sciences and Health Promotion		+	
6.	HPH 806: Applied Epidemiology		+	HPH 802
7.	HPH 807: Community Health and Primary Health Care			HPH 802
8.	HPH 808: Infectious Disease Dynamics			HPH 802
9.	HPH 809: Occupational Health and Environmental Epidemiology		+	HPH 802
10.	HPH 815: Thesis	Year 2		Completed 1 st Year successful
11.	PHI 815: Medical Statistics	+		Basic Biostatics in Undergraduate

Master of Public Health (Monitoring and Evaluation)

	Level 800 – Masters by Thesis			
S N	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1.	HPH 800: Health Research Methods and Ethics	+		Basic Research methods in undergraduate
2.	HPH 802: Principles of Epidemiology	+		Basic Epidemiology in undergraduate
3.	HPH 803: Health Services Management, Policy and Informatics	+		
4.	HPH 804: Project Planning, Monitoring & Evaluation	+		
5.	HPH 805: Behavioral Sciences and Health Promotion		+	
6.	HPH 810: Impact evaluation		+	HPH 804
7.	HPH 811: Monitoring & Evaluating Maternal, Child Health and Nutritional Programs		+	HPH 804 HPH 802
8.	HPH 812: Monitoring and Evaluation of malaria control and Prevention programs		+	HPH 804 HPH 802
9.	HPH 813: Monitoring and Evaluation of HIV/AIDS and TB Programs		+	HPH 804 HPH 802
10.	HPH 815: Thesis	Year 2		Completed 1st Year successful
11.	PHI 815: Medical Statistics		+	Basic Biostatics in Undergraduate

Ph.D Programme

HPH 900: PhD Thesis

Coursework under

15.2 Department of Environmental and Occupational Health

Bachelor of Science (Environmental Health, Bsc, Evh)

Program Structure and Duration

The course will be taken through coursework, field attachment, examinations and project. The duration of study shall be 4 academic years. A student must take 54 units of 35 contact hours each. To complete one academic year, a student shall be required to take a maximum of 14 units and take Urban and Rural attachments at end of second and third years respectively. Credit Transfer will be considered for students taking the same program in a recognized institution, subject to approval by the department.

List of units across Semesters

	Level 100			
SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HEH 100: Foundations of Environmental Health	+		
2	HEH 102: Human Anatomy and Physiology	+		
3	HEH 104: Basics in Environmental Microbiology	+		
4	HEH 106: Laboratory Methods for Environmental Health		+	
5	HEH 107: Environmental Chemistry I		+	
6	HEH 109: Food Sanitation and Safety		+	
7	HSU 100: Basic Life Support and Emergency Care		+	
8	PPH 102: Biostatistics	+		
9	PPH 110: Health Promotion and Advocacy		+	
10	PPH 112: Socio-Medical Sciences in Health		+	
11	PPH 113: Nutrition and Health	+		
12	UCU 100: Communication Skills	+		
13	UCU 103: Creative and Critical Thinking	+		
14	UCU 104: Entrepreneurship		+	
	Level 200	Sem 1	Sem 2	Sem 3
1	HEH 200: Introduction to Epidemiology	+		
2	HEH 201: Environmental Biochemistry I	+		
3	HEH 202: Meat Pathology and Inspection	+		
4	HEH 203: Anatomy and Physiology of food Animals	+		
5	HEH 204: Environmental Inspection	+		
6	HEH 205: Principles of Community Health	+		
7	HEH 206: Solid Waste Management		+	
8	HEH 207: Technical Designs and Drawing		+	
9	HEH 208: Environmental Biochemistry II (<i>Prerequisite HEH 201</i>)		+	
10	HEH 214: Attachment I - Urban Health			+
11	HEH 215: Water Quality and Disease Control		+	
12	HEH 216: Principles of Environmental Parasitology		+	
13	PPH 208: Communicable Diseases		+	

14	PPH 221: Immunology of Environmental Health Diseases		+	
	Level 300	Sem 1	Sem 2	Sem 3
1	HEH 302: Hazardous Waste Management	+		
2	HEH 303: Building and Construction Technology	+		
3	HEH 304: Occupational Health and Safety	+		
4	HEH 305: Human Population Studies and Health	+		
5	HEH 306: Environmental Information Systems	+		
6	HEH 307: Port Health		+	
7	HEH 309: Liquid Waste Management		+	
8	HEH 310: Environmental Health Impact Assessment		+	
9	HEH 311: Geomedicine		+	
10	HEH 312: Environmental Chemistry II (<i>Prerequisite HEH 107</i>)		+	
11	HEH 313: Attachment II – Rural Health			+
12	PPH 300: Research methods	+		
13	PPH 305: Non-Communicable and lifestyle diseases	+		

	Level 400	Sem 1	Sem 2	Sem 3
1	HEH 400: Applied Epidemiology		+	
2	HEH 401: Environmental Health Law		+	
3	HEH 403: Environmental Toxicology(<i>Prerequisite HEH 312</i>)	+		
4	HEH 404: Introduction to Pharmacology	+		
5	HEH 405: Environmental Health Economics	+		
6	HEH 406: Research Project – equivalent to two units	+	+	
7	HEH 408N: Health Services Management	+		
8	HEH 409: Biotechnology and Health (<i>Prerequisite HEH 208</i>)	+		
9	HEH 411: Public Health Issues in Disaster Management	+		
10	HEH 415: Health Policy Management		+	
11	HEH 416: Conservancy and Drainage		+	
12	HEH 417: Vector and Rodent Control		+	
13	PPH 415: Health Project Planning and Management		+	

Bachelor of Science (Occupational Health and Safety) (Bsc Osh)

Program Structure and Duration

The course will be taken through coursework, field attachment, examinations and project. The duration of study shall be 4 academic years. A student must take 54 units of *35 contact hours each*. To complete one academic year, a student shall be required to take a maximum of 14 units and take Industrial attachments at end of second and third years. Credit Transfer will be considered for students taking the same program in a recognized institution, subject to approval by the department.

List of units across Semesters

	Level 100			
SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HSU 100: Basic Life Support and Emergency Care		+	
2	PEO116:Foundations of Occupational Health and Safety	+		
3	PEO 117: Environmental Microbiology	+		
4	PEO 118: Occupational Epidemiology	+		
5	PEO 119: Biochemistry and Health		+	
6	PEO 120: Chemistry and Chemical Safety		+	
7	PEO 121: Health and Safety Inspection		+	
8	PEO122:WorkplaceSafetyRules&PersonalProtectiveEquipment		+	
9	PEO 123: Occupational Toxicology I		+	
10	PEO 124: Food Sanitation and Safety	+		
11	PPH 102: Biostatistics	+		
12	UCU 100: Communication Skills	+		
13	UCU 103: Creative and Critical Thinking	+		
14	UCU 104: Entrepreneurship		+	
	Level 200	Sem 1	Sem 2	Sem 3
1	PEO 226: Physical hazards and risk control	+		
2	PEO 227: Fire Safety	+		
3	PEO 228: Emergency Preparedness and Management	+		
4	PEO 229: Electrical Safety	+		
5	PEO 230: Workplace accidents and prevention	+		
6	PEO 231: Transport safety Management	+		
7	PEO 232: Occupational Psychology		+	
8	PEO 233: Environmental Pollution and Water Quality		+	
9	PEO 234: Biological hazards and risk control		+	
10	PEO 235: Construction Safety I		+	
11	PEO 236: Behavioral Safety		+	
12	PEO 237: Health and Safety Risk Management I		+	
13	PEO 238: Field Attachment I – Urban Health			+
	Level 300	Sem 1	Sem 2	Sem 3
1	PEO 312: Principles of occupational Health and Hygiene	+		
2	PEO313: Management of Hazardous Substances and Processes	+		
3	PEO 314: Science of Safety and Health	+		
4	PEO 315: Contractor Safety Management	+		
5	PEO 316: Safety Legislation and Management	+		
6	PEO 317: Environmental Management Systems	+		
7	PEO 318: Ergonomics		+	
8	PEO 319: Business management for safety practitioners		+	
9	PEO 320: Health and Safety Management Systems		+	

10	PEO 321: Training Fundamentals for Safety Practitioners		+	
11	PEO 322: Construction safety II		+	
12	PEO 323: Field Attachments II – Rural Health(<i>Prerequisite PEO 238</i>)			+
13	PEO 324: Biostatistics and biometrics	+		
14	PPH 300: Research methods		+	

	Level 400	Sem 1	Sem 2	Sem 3
1	PEO 415: Job Safety Analysis and Management(<i>Prerequisite PEO 314</i>)		+	
2	PEO 416: Environmental Management Policy		+	
3	PEO 417: Machinery Safety	+		
4	PEO 418: Environmental and Industrial Pollution	+		
5	PEO 419: Health and Safety Auditing	+		
6	PEO 420: Industrial Hygiene Management	+		
7	PEO 421: Occupational Toxicology II(<i>Prerequisite PEO 123</i>)	+		
8	PEO 422: Health and Safety Risk Management II(<i>Prerequisite PEO 237</i>)	+		
9	PEO423: Integrated Environmental, Health & Safety Mgt systems	+		
10	PEO 424: Economics of Environmental Management		+	
11	PEO 425: Safety Technology and Management		+	
12	PEO 426: Internship		+	
13	PEO 427: OSH Research Project	+	+	

Master of Science Degree (Environmental Health); M.Sc. (Evh)

Program Structure and Duration

The course will be taken through coursework, examinations and thesis. The duration of study shall be a minimum of 2 academic years, in the first year the student takes 11 units each of *35 contact hours* and in the second year concentrates on research and thesis

List of units across Semesters

SN	Level 800	Sem 1	Sem 2	Sem 3
1	HEH 800 General Research Methodology	+		
2	HPH 802 Principles of Epidemiology	+		
3	HPH 804 Project Planning Monitoring And Evaluation	+		
4	PHI 815 Medical Statistics	+		
	Core units			
1	HEH 803: Disaster Management and Human Health	+		
2	HEH804: Environmental Health Aspects of Food & Technology		+	
3	HEH 805: Eco-toxicology and Health		+	
4	HEH 807: Health Communication and Behaviour Change		+	

	Electives (3 Units)			
1	HEH 801: Environmental Health Law and Policy		+	
2	HEH806:Environmental Health Risk Assessment & Management		+	
3	HEH 808: Environmental Health Economics		+	
4	HEH809:Development and Philosophy of Environmental Health		+	
5	HEH 810: Environmental pollution and Control		+	
6	HEH 811: Occupational Health and Safety		+	
7	HEH 812: Water and Sanitation		+	
	HEH 816 Thesis	+	+	+

Doctor of Philosophy Degree (Environmental Health); M.Sc. (EVH)

Program Structure and Duration

The course will be taken through thesis. The duration of study shall be a minimum of 3 academic years, in the first year the student will prepare and defend the proposal; second year he/she will collect and analyze the data while in the third year should defend the thesis and submit for external examination. The student should publish at least two research papers from the thesis

List of units across Semesters

	Level 900 – Doctor of Philosophy	
	Unit Code and Title	Years of Study
	HEH 900 Thesis	3 years

Master of Science Degree (Occupational Health and Safety Health); M.Sc.(Osh)

Program Structure and Duration

The course will be taken through coursework, examinations and thesis. The duration of study shall be a minimum of 2 academic years, in the first year the student takes 11 units each of 35 contact hours and in the second year concentrates on research and thesis

List of units across Semesters

SN	Level 800	Sem 1	Sem 2	Sem 3
1	HEH 800 :General Research Methodology	+		
3	HPH 802: Principles of Epidemiology	+		
2	HPH 804: Project Planning Monitoring And Evaluation	+		
4	PHI 815 :Medical Statistics	+		
	Core units			
1	HEH 807: Health Communication and Behavior Change		+	
2	PEO800:Foundations and development of Occupational Health &Safety	+		
3	PEO 801: Occupational Hygiene and Diseases		+	

4	PEO 802: Physiology of Work and Ergonomics		+	
Electives (3 Electives)				
1	HEH 803: Disaster Management and Human Health		+	
2	HEH 805: Eco-toxicology and Health		+	
3	HEH 805: Eco-toxicology and Health		+	
4	HEH 806: Environmental Health Risk Assessment and Management		+	
5	PEO 803: Legal Aspects of Occupational Health and Safety		+	
	PEO 816 Thesis	+	+	+

Doctor of Philosophy Degree (Occupational Health And Safety); Phd.(OSH)

Program Structure and Duration

The course will be taken through thesis. The duration of study shall be a minimum of 3 academic years. In the first year the student will prepare and defend the proposal, second year he/she will collect and analyze the data while in the third year should defend the thesis and submit for external examination. The student should publish at least two research papers from the thesis

List of units across Semesters

	Level 900 – Doctor of Philosophy	
	Unit Code and Title	Years of Study
	PEO 900 Thesis	3 years

Master of Science Degree (Water Sanitation and Hygiene); Msc (Wash)

Program Structure and Duration

The course will be taken through coursework, examinations and thesis. The duration of study shall be a minimum of 2 academic years, in the first year the student takes 11 units each of 35 contact hours and in the second year concentrates on research and thesis

List of units across Semesters

	Level 800	Sem 1	Sem 2	Sem 3
1	HEH 800 General Research Methodology	+		
2	HPH 802 Principles of Epidemiology	+		
3	HPH 804 Project Planning Monitoring And Evaluation	+		
4	PHI 815 Medical Statistics	+		
Core units				
1	PEW 800 Foundations in Water and environmental Sanitation	+		
2	PEW 802 Waste Water treatments		+	
3	PEW 803 Water and low-cost sanitation		+	
4	PEW 804 Sanitation And Hygiene Promotion		+	
Electives (3 Units)				

1	AGE 856 Principles of Water Resources Management		+	
2	HEH 805 Eco-toxicology and health:		+	
3	PEW 806 Engineering Design of Water and Sanitation Projects		+	
4	PEW 807 Environmental Health Engineering		+	
5	PEW 809 Integrated Solid Waste management		+	
6	PEW810Environmental Health Risk Assessment for Water Mgt		+	
	PEW 816 Thesis	+	+	+

Doctor of Philosophy Degree (Water Sanitation and Hygiene); PhD (Wash)

Program Structure and Duration

The course will be taken through thesis. The duration of study shall be a minimum of 3 academic years. In the first year the student will prepare and defend the proposal, second year he/she will collect and analyze the data while in the third year should defend the thesis and submit for external examination. The student should publish at least two research papers from the thesis

List of units across Semesters

	Level 900 – Doctor of Philosophy	
	Unit Code and Title	Years of Study
	PEW 900 Thesis	3 years

15.3 Department of Food, Nutrition & Dietetics

Diploma in (Food, Nutrition & Dietetics)

Diploma Structure

The Department of Food, Nutrition and Dietetics shall offer Diploma in Food, Nutrition and Dietetics in line with Kenya Nutritionists and Dieticians Institute.

In order to graduate with a Diploma in Food Nutrition and Dietetics, the candidate must have done and passed 42 core units including practicum. First Level 14 units, Second Level 14 units and Third Level 14 units. The student should study a minimum of 2970 hours. A theory unit will consist of 15 weeks, *3 hours per week, 45 hours in total per semester*. A practical unit will be 5 hours a week, 72 hours in total per semester.

The programme shall be offered in the following modes of study: Full Time and Institutional Based Programme (IBP).

In order to qualify for KNNDI registration, graduates are required to undertake a 6 month internship, after graduation.

Duration

The Diploma in Food, Nutrition and Dietetics programme for fulltime students shall be offered for 6 semesters. A practicum of a minimum of 3 months shall be undertaken upon successful completion of the course work before a student can graduate.

SN	Year 1 - Unit Code and Title	Sem1	Sem2	Hours
1	HFN 021: Introduction to Information Communication Technology	+		72
2	HFN 022 :Basic Mathematics	+		45
3	HFN 024 :General Microbiology and Parasitology	+		72
4	HFN 025 :Introduction to Food, Nutrition and Dietetics	+		45
5	HFN 026 :Physical Sciences	+		72
6	HFN 027 :Principles of Human Nutrition	+		45
7	HFN 028 :First Aid		+	72
8	HFN 029 :Introduction to Nutrition and Behavioral Sciences		+	45
9	HFN 030 :Human Anatomy and Physiology		+	72
10	HFN 031 :Introduction to Nutrition Epidemiology		+	45
11	HFN 032 :Principles of Primary Health Care		+	45
12	HFN 033 :Life Skills		+	72
13	HFN 034 :Introduction to Food Microbiology		+	72
14	UCU 100 :Communication Skills	+		45

	Year 2			Hours
1	HFN 035 :Introduction to Organic Chemistry	+		72
2	HFN 036 :Nutrition in the Lifecycle	+		45
3	HFN 037 :Introduction to Nutritional Anthropology	+		45
4	HFN 038 :Food Security	+		72
5	HFN 039 :Communicable and Non-communicable Diseases	+		45
6	HFN 064: Foundations of Food Preparation	+		72
7	HFN 065 :Nutrition Assessment and Surveillance	+		72
8	HFN 066 :Introduction to Maternal and Child Nutrition		+	45
9	HFN 067 :Diet Therapy I		+	45
10	HFN 068 :Principles of Food Processing Preservation And Storage		+	72
11	HFN 069 :Basic Biochemistry		+	45
12	HFN 070: Introduction to Nutrition in Emergencies		+	45
13	HFN 071 :Introduction to Basic Biostatistics		+	45
14	HFN 072: Nutrition and HIV/Aids		+	45
	Year 3			
1	HFN 073 :Food Hygiene and Safety Legislation	+		45
2	HFN 074 :Nutrition Education	+		72
3	HFN 075: Nutrition Intervention	+		45
4	HFN 076 :Nutrition Information Systems	+		45
5	HFN 077 :Legal Aspects in Food, Nutrition and Dietetics	+		45
6	HFN 078 :Meal Management and Service	+		72
7	HFN 079 :Diet Therapy II	+		45

8	HFN 080 :Diet Therapy III		+	45
9	HFN081:Community Partnership, Programme Planning and Evaluation		+	45
10	HFN 082 :Entrepreneurship in Foods, Nutrition and Dietetics		+	45
11	HFN 083 :Principles of Dietetics		+	45
12	HFN 084 :Introduction to Research Methodology		+	45
13	HFN 085 :Principles of Nutrition Counseling		+	72
14	HFN 086 :Practicum		+	480

Bachelor science (Food, Nutrition & Dietetics)

Degree Structure

The Department of Foods, Nutrition and Dietetics shall offer Bachelor of Science Degree in Food, Nutrition and Dietetics. The programme shall be offered on full time and Institutional Based Programme (IBP). In order to graduate with a Bachelor of Science Degree in Food, Nutrition and Dietetics, the candidate must have done and passed at least 56 units. First Level 3 UCUs and 11 Departmental units, Second Level 14 units, Third Level 14 units and Fourth Level 14 Units.

Duration

Programme shall take 4 academic years or 8 semesters for students on fulltime programme. The student should study for a minimum of 3580 hours. A theory unit will be 3 hours per week, 15 weeks, *45 hours in total per semester*. A practical unit will be 7 hours a week, 15 weeks, 72 hours in total per semester. Within the period of study, there will be two practicum sessions each lasting three months, a minimum of 480 hours each. One practicum will be done in a clinical setting (480 hours), the second will be done in a community setting. In order to qualify for KNDI registration graduates are required to undertake a one year internship after graduation.

Level 100				
SN	Unit Codes and Titles	Sem1	Sem2	Hours
1	HFN102:Introduction to Food, Nutrition &Dietetics (Home Economic students only)	+		
2	HFN 141 :Introduction to Food, Nutrition and Dietetics	+		45
3	HFN 142: Physical and Inorganic Chemistry	+		72
4	HFN 143 :First Aid	+		72
5	HFN 144 :Macronutrients	+		45
6	HFN 145 :General Biology		+	72
7	HFN 146: Nutrition in the Lifespan		+	45
8	HFN 147: Organic Chemistry		+	45
9	HFN 148 :Sociology for Food, Nutrition and Dietetics		+	45
10	HFN 149: Micronutrients		+	45
11	HFN150:Information&Communication Technology for Food, Nutrition &Dietetics		+	72
12	SMA 100 :Mathematics for Science I	+		45
13	UCU 100 :Communication Skills		+	35

14	UCU 101: Development Studies	+		35
15	UCU 103: Introduction to Critical and Creative Thinking	+		35
Level 200				
1	HFN 200 :Human Anatomy and Physiology (Home Economic students only	+		35
2	HFN 202 :Foundations of Food Preparation (Home Economic Students only)	+		35
3	HFN 240: Foundations of Food Preparation	+		72
4	HFN 241: Human Nutrition	+		45
5	HFN 242: Food Microbiology and Parasitology I	+		72
6	HFN 243: Nutrition in HIV and AIDS	+		45
7	HFN 244: Primary Health Care	+		45
8	HFN 245: Human Anatomy	+		72
9	HFN 246: Nutrition Assessment	+		72
10	HFN 247 Nutrition Anthropology		+	45
11	HFN 248: Meal Planning, Management and Services		+	72
12	HFN 249: Nutrition and Psychology		+	45
13	HFN 250 :Nutrition and Disease Management I		+	45
14	HFN 251: Life Skills		+	45
15	HFN 252: Human Physiology		+	72
16	HFN 253: Nutrition Surveillance		+	45
Level 300				
1	HCU 300: Introduction to Research Methods	+		45
2	HFN305:Meal Planning, Management &Services(Home Economics Students only)		+	35
3	HFN 341 :Maternal and Child Nutrition	+		45
4	HFN 342 :Nutrition and Sports	+		45
5	HFN 343: Entrepreneurship in Nutrition	+		45
6	HFN 344: Food Microbiology and Parasitology II	+		72
7	HFN 345: Nutrition and Disease Management II	+		45
8	HFN 346 :Nutrition Counseling	+		72
9	HFN 347 :Biostatistics in Nutrition		+	45
10	HFN 348 :Analytical Chemistry		+	72
11	HFN 349 :Nutrition Education		+	72
12	HFN 350: Food Biotechnology		+	72
13	HFN 351: Nutrition Biochemistry		+	72
14	HFN 352 :Therapeutic Dietetics		+	72
15	HFN 353 :Practicum I		+	480
Level 400				
1	HFN 404: Nutrition Education (Home Economic Students Only)		+	35
2	HFN 440: Food and Nutrition Security	+		45
3	HFN 441: Principles of Food Processing, Preservation and Storage	+		72

4	HFN 442 :Nutrition in Emergencies	+		45
5	HFN 443: Food Chemistry	+		72
6	HFN 444 :Project in Food, Nutrition and Dietetics	+		72
7	HFN445 :Nutrition Intervention, Programme Planning, Monitoring& Evaluation	+		45
8	HFN 446 :Nutrition Care Process and Therapy	+		72
9	HFN 447 :Seminar in Food, Nutrition and Dietetics		+	45
10	HFN 448 :Food Analysis		+	72
11	HFN 449 :Nutrition Epidemiology		+	45
12	HFN 450 :Food Safety Hygiene and Legislation		+	45
13	HFN 451 :Nutrition Pharmacology		+	45
14	HFN 452 :Leadership and Policy in Food, Nutrition and Dietetics		+	45
15	HFN 453:Nutrition and Behaviour		+	45
16	HFN 454 :Practicum II		+	480

Post graduate diploma in food nutrition and dietetics

Duration and Post Graduate Diploma Pattern

The Department of Foods, Nutrition and Dietetics shall offer a Post Graduate diploma in Nutrition for a minimum period of one academic year. In order to graduate with a Post graduate Diploma in Nutrition, the candidate must have done and passed at least 13 units (12 Core units and 1 electives).

SN	Unit Codes and Titles	Sem1	Sem2	
	Electives (Select 1)			Hours
1	HFN 700: Nutrition in the Lifespan	+		35
2	HFN 701: Principles of Human Nutrition	+		35
3	HFN 702: Nutritional Epidemiology	+		35
4	HFN 703: Nutrition Assessment and Surveillance	+		35
5	HFN 704: Maternal and Child Nutrition	+		35
6	HFN 705: Therapeutic Nutrition	+		35
7	HFN 706: Project in Foods, Nutrition and Dietetics	+		35
8	HFN 707: Clinical Dietetics		+	35
9	HFN 708: Nutritional Biochemistry		+	35
10	HFN 709: Nutrition and Food Security and Policies		+	35
11	HFN 710: Programme Design, Monitoring and Evaluation		+	35
12	HFN 711: Statistics and Research Methods		+	35
13	HFN 712: Nutrition Anthropology		+	35
14	HFN 714: Nutrition in Emergencies		+	35
15	HFN715:FoodPreservation,Processing,Storageand Legislation		+	35
16	HFN 716: Food Microbiology		+	35

Masters of Science (Food Nutrition and Dietetics)

Program structure and duration

The Department of Foods, Nutrition and Dietetics shall offer Masters of Science degree in Foods and Nutrition. The degree programme shall be offered on full time and part time basis. The Masters of Science Degree in Foods and Nutrition shall extend for a minimum period of two academic years. The Masters of Science Degree in Foods and Nutrition programme shall be by coursework, examination and thesis. The first year of study shall involve course work and examination during which a candidate must take a minimum of 13 units: comprising (9) departmental core units, (4) electives. In the final year of study, the student shall concentrate on his or her research work and submit a thesis.

SN	Core Units Year 1	Sem1	Sem2	Hours
1	HCU 800: Research Methods	+		35
2	HCU 801: Statistics		+	35
3	HCU 802: Programme Design, Monitoring and Evaluation		+	35
4	HFN 800: Advanced Human Nutrition	+		35
5	HFN 801: Advanced Nutritional Epidemiology	+		35
6	HFN 804: Nutrition Assessments	+		35
7	HFN 805: Nutrition and Food Security	+		35
8	HFN 806: Advanced Nutritional Biochemistry	+		35
9	HFN 811: Advanced Therapeutic Nutrition		+	35
10	HFN 814: Advanced Maternal and Child Nutrition		+	35

	Electives Select 2 (electives)			Hours
1	HFN 810: Community Nutrition Surveillance and Interventions		+	35
2	HFN 812: Advanced Nutrition in Exercise and Sports		+	35
3	HFN 815: Nutrition in Emergencies		+	35
SN	Core Units Year 2	Sem1	Sem2	
1	HFN 817: Thesis	Year 2		

PhD in Food, Nutrition and Dietetics

PhD Programme

HFN 900: PhD Thesis

The degree programme shall be offered on full time. The PhD Degree in Foods and Nutrition shall extend for a minimum period of three academic years.

15.4 Department of Health Management and Informatics

Bsc Health Records & Information Management

Program Structure and Duration

The Bachelor of Science in Health Records and Information Management shall extend over a period of

4 (four) academic years.

Each academic year shall consist two semesters for Full-time students and three sessions Part-time students.

The students will take a minimum of 12 units each academic year

Hours Covered Per Unit

Undergraduate = 35

Postgraduate = 60

Field Attachment/Practicum

This aims to expose students to actual population health issues and problems. The student will be attached to a relevant health organization for three months, which is expected to give them adequate exposure to the required experience and skills in health information management.

Level 100				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisite
1	APS 101: Introduction to Psychology	+		
2	HSU 100: Basic Life Support and Emergency Care		+	
3	PHI 102: Introduction to Medical Statistics	+		
4	PHI 103: Human Anatomy and Physiology	+		
5	PHI 104: Human Pathology and Physiology	+		
6	PHI 109: Fundamentals of Health Records & Information Management		+	
7	PHM 104: Fundamentals of Health Management Process	+		
8	SCO 100: Fundamentals of Computing		+	
9	SMA 191: Introduction to Computer Programming		+	
10	UCU 100: Communication Skills	+		
11	UCU 103: Introduction to Critical and Creative Thinking		+	
12	UCU 104: Entrepreneurship	+		
Level 200				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisite
1	HCH 202: Health Services Management		+	
2	HCH 212: Principles of Community Health		+	
3	HEH 200: Introduction to Epidemiology	+		
4	PHI 201: Hospital Administrative Statistics	+		PHI 102
5	PHI 204: Essentials of Medical Sociology and Anthropology		+	
6	PHI 205: Integrated Disease Surveillance and Response	+		
7	PHI 206: Ethics and Legal aspects	+		
8	PHI 207: Health Care and Patient Data Systems	+		
9	PHI 209: Analysis and Interpretation of Healthcare Data		+	PHI 102 PHI 201

10	PHI 210: Computer Applications for Health Information Management		+	
11	PHM 203: Health Ethics and Law	+		
12	SIT 209: Web Design		+	
Level 300				
SN	Unit Code and Title	Sem 1	Sem 2	
1	ASC 306: Demography and Population Studies		+	
2	BHM 301: Human Resource Management I	+		
3	EAE 309: Health Economics		+	
4	PHI 302: Electronic Health Records Management	+		
5	PHI 303: Management of Health Information Systems	+		
6	PHI 305: Community-based Health Management Information System	+		PHI 109
7	PHI 307: Facility-based Health Management Information System		+	
8	PHI 308: Healthcare Data, Quality and Technology		+	PHI 207
9	PHI 310: Public Health Informatics		+	
10	PHI 406: Field Attachment: Professional Practice Experience		+	
11	PHM 301: Health Policy and Planning	+		
12	PPH 300: Research Methods	+		
Level 400				
SN	Unit Code and Title	Sem 1	Sem 2	
1	HEH 400: Applied Epidemiology	+		
2	HEH 411: Public Health Issues in Disaster Management		+	
3	PHI 402: Contemporary issues in Health Records and Information Management	+		
4	PHI 403: Foundations of Health Project Management	+		
5	PHI 404: Evaluation Methods in Medical and Health Informatics	+		
6	PHI 405: Research Project on Health Records and Information Management		+	
7	PHI 410: Strategic Management in Health	+		
8	PHI 412: Re-engineering Healthcare		+	
9	PHI 413: Health Needs Assessment		+	
10	PHI 414: Telemedicine		+	
11	PHI 415: Database Construction and Management		+	
12	PHM 405: Health Services Quality Development	+		

Bsc Health Service Management

Duration and Pattern of Course

The Bachelor of Science in Health Service Management shall extend over a period of 4 (four) academic years.

Each academic year shall consist two sessions for Full-time students and three sessions Part-time students.

The students will take a minimum of 12 units each academic year

Field Attachment/Practicum

This aims to expose students to actual population health issues and problems. The student will be attached to a relevant health organization for three months, which is expected to give them adequate exposure to the required experience and skills in health information management

Level 100				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	HEH 100: Foundations of Environmental Health	+		
2	HSU 100: Basic Life Support & Emergency Care		+	
3	PEO 116: Foundations of Occupational Health and Safety		+	
4	PHI 102: Introduction to Medical Statistics	+		
5	PHM 101: Introduction to Health Systems	+		
6	PHM 104: Fundamentals of Health Management Process	+		
7	PHM 105: Introduction to Global Health		+	
8	PHM 107: Principles of Public Health		+	
9	UCU 100: Communication Skills	+		
10	UCU 103: Introduction to Critical & Creative Thinking		+	
11	UCU 104: Entrepreneurship	+		
Level 200				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	HEH 200: Introduction to Epidemiology	+		
2	PHI 201: Hospital Administrative Statistics	+		
3	PHI 205: Integrated Disease Surveillance and Response	+		
4	PHI 314: Fundamentals of Disaster Management		+	
5	PHM 201: Managing Change in Health Systems	+		PHM 101
6	PHM 203: Health Ethics and Law	+		
7	PHM 204: Introduction to Health Education Promotion	+		
8	PHM 206: Health, Culture and Society		+	
9	PHM 207: Hospital Administration		+	
10	PHM 214: Management Environment and Health		+	
11	PHM 301: Health Policy and Planning		+	
12	PHM 306: Principles and Practice of Facilities Management		+	PHM 101

Level 300				
SN	Unit Code and Title	Sem 1	Sem 2	
1	ASC 306: Demography & Population Studies		+	
2	ASC 327: Sociology of Health and illness		+	
3	BBA 305: Marketing of Services	+		
4	BBA 310: Entrepreneurship and Small Business Management		+	
5	BHM 301: Human Resource Management I	+		
6	EAE 309: Health Economics		+	
7	HEH 304: Occupational Health and Safety		+	
8	PHM 303: Healthcare Financial Management I	+		
9	PHM 401: Health Care Financial Management II	+		PHM 303
10	PHM 402: Health Human Resource Management III		+	
11	PHM 403: Foundations of Health Project Management	+		
12	PHM 405: Health Services Quality Development	+		
13	PPH 300: Research Methods	+		
Level 400				
SN	Unit Code and Title	Sem 1	Sem 2	
1	BMS 400: Management Information Systems		+	
2	HEH 400: Applied Epidemiology	+		
3	PEE 407: Environmental Policy Management	+		
4	PHM 404: Field Attachment: Professional Practice Experience		+	
5	PHM 406: Health Needs Assessment	+		
6	PHM 407: Strategic Management	+		PHM 301
7	PHM 408: Logistics Management in Health Care	+		
8	PHM 409: Monitoring and Evaluation of Health Programs		+	
9	PHM 411: Leadership and Governance in Health		+	PHM 201
10	PHM 412: Research Project		+	
11	PPH 400: Equity and Resource Allocation	+		

Msc Health Information Management

Duration and Pattern of Study

The Master of Science in Health Information Management (MSc HIM) shall extend over a period of two academic years.

Each academic year shall consist two semesters in part – time mode of study, and three sessions School - Based students.

The degree shall be offered by coursework, examination and thesis.

The coursework shall comprise a series of lectures, practical field courses, visits, demonstrations, reports, case presentations and practicals.

During the first academic year of study, the student will take at least 10 units of course work comprising of 4 School Common Units and 6 Departmental units.

In the second academic year, the student will carry out research work, prepare and present a thesis for examination.

List of units Across Semesters

Level 800 – Masters by Thesis			
SN	Unit Code and Title	Sem 1	Sem2
1	HEH 800: General Research Methods	+	
2	HPH 802: Principles of Epidemiology	+	
3	HPH 804: Project Planning, Monitoring & Evaluation	+	
4	PDM 800: Principles of Disaster Management		+
5	PHI 801: Fundamentals of Health Information Management		+
6	PHI 802: Health Information Systems Development Life Cycle		+
7	PHI 808: Health Information Systems Technology, Application And Security		+
8	PHI 809: Strategic and Knowledge Management of Health Information		+
9	PHI 811: Thesis	Year 2	
10	PHI 815: Medical Statistics	+	
11	PHM 800: Health Care Organization and Management	+	

M.Sc. Health Management

Duration and Pattern of Course

The Master of Science in Health Management (MSc HM) shall extend over a period of two academic years.

Each academic year shall consist two semesters in part – time mode of study, and three sessions School - Based students.

The degree shall be offered by coursework, examination and thesis.

The coursework shall comprise a series of lectures, practical field courses, visits, demonstrations, reports, case presentations and practicals.

During the first academic year of study, the student will take at least 10 units of course work comprising of 4 School Common Units and 6 Departmental units.

In the second academic year, the student will carry out research work, prepare and present a thesis for examination.

Master of Science in Health Management:

List of units Across Semesters

Level 800 – Masters by Thesis			
SN	Unit Code and Title	Sem 1	Sem2
1	HEH 800: General Research Methods	+	
2	HPH 802: Principles of Epidemiology	+	
3	HPH 804: Project Planning, Monitoring & Evaluation	+	
4	PDM 800: Principles of Disaster Management		+
5	PHI 815: Medical Statistics	+	
6	PHM 800: Health Care Organization and Management	+	
7	PHM 801: Health Policy and Planning		+
8	PHM 803: Healthcare Financial Management		+
9	PHM 805: Health Economics		+
10	PHM 806: Law, Ethics and Public Health		+
11.	PHM 815: Thesis	Year 2	

Phd Health Information Management

Duration and Pattern of Course

The PhD in Health Information Management (PhD HIM) shall extend over a period of three years.

The degree shall be offered by research and thesis.

The student will carry out research work, prepare and present a thesis for examination.

Each student must pass research work, thesis examination and submit the corrected version of the thesis before being presented for graduation.

Phd Health Management

Duration and Pattern of Course

The PhD in Health Management (MSc HM) shall extend over a period of three years.

The degree shall be offered by research and thesis.

The student will carry out research work, prepare and present a thesis for examination.

	Level 900 – Doctor of Philosophy in Health Management Health Information Management	
	Unit Code and Title	Year of Study
	PHM 900: Thesis	3 years

15.5 Department of Population, Reproductive Health and Community Resource Management

Bachelor of Science in Population Health

Programme Structure and Duration

The Bachelor of Science in Population Health is a four-year degree program. *The number of hours covered per unit is 35 and no units with prerequisites.*

List of Units

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2	Sem3
1	HEH 104:Basics in Environmental Microbiology	+		
2	HSU 100: Basic Life support and Emergency care	+		
3	PPH 101:Foundations and Principles of Population Health	+		
4	PPH 112:Socio-Medical Sciences in Public Health	+		
5	PPH 113:Nutrition and Health		+	
6	PPH 114:Population Health Law and Ethics		+	
7	PPH 116:Anatomy and Physiology for Population Health		+	
8	PPH 117:Biostatistics for Public Health		+	
9	PPH 118:Community Health Strategy and Primary Health Care		+	
10	PPH 119:Medical Waste Management and Control		+	
11	PPH 120:Health Promotion and Behavior Change Communication		+	
12	UCU 100: Communication Skills	+		
13	UCU 103: Creative and Critical Thinking	+		
14	UCU 104: Entrepreneurship	+		
SN	Level 200 - Unit Code and Title	Sem 1	Sem 2	
1	HEH 201: Introduction to Environmental Biochemistry	+		
1	HEH 215: Water Supply, Quality and Disease Prevention	+		
2	HEH 216:Environmental Parasitology		+	
3	PHI 205: Integrated Disease Surveillance and Response	+		
4	PPH 206:Sexual and Reproductive Health	+		
5	PPH 206:Sexual and Reproductive Health	+		
6	PPH 206:Sexual and Reproductive Health		+	
7	PPH 213:Field Attachment I	+		
8	PPH 216:Public Health Entomology	+		
9	PPH 217:Human Psychology and Health		+	
10	PPH 221:Immunology of Environmental Health Diseases		+	
11	PPH 224:Contraceptive Technology and Family planning		+	
12	PPH 225:Foundations of Epidemiology		+	
13	PPH 226:Human Population Genetics		+	
				+
SN	Level 300 - Unit Code and Title	Sem 1	Sem 2	

1	PPH 300:Research Methods in Population Health	+		
2	PPH 302:Mental Health	+		
3	PPH 305:Non-Communicable and Lifestyle Diseases	+		
4	PPH 309:Adolescent Health	+		
5	PPH 311:International Health	+		
6	PPH 313:Field Attachment II	+		
7	PPH 315:Population Health Informatics		+	
8	PPH 316:Population Health Risk Assessments		+	
9	PPH 317:Child Health	+		
10	PPH 317:Child Health		+	
11	PPH 320:Epidemiological Study Designs		+	
12	PPH 321:Population Health Economics and Financing		+	
13	PPH 322:Health and Aging		+	
14	PPH 323:Occupational Safety and Health Diagnosis		+	
15	PPH 324: Food Safety and Security		+	
				+
SN	Level 400 - Unit Code and Title	Sem 1	Sem 2	
1	HEH 411:Public Health Issues in Disaster Management	+		
2	PPH 402:Health Needs of Special Groups	+		
3	PPH 404:Health Care Systems, Policy and Planning	+		
4	PPH 409:Drug and Substance Abuse	+		
5	PPH 412:Research Project	+		
6	PPH 414:Gender Issues in Health	+		
7	PPH 415:Health Project Planning and Management	+		
8	PPH 42 :Diagnosis of Maternal Health		+	
9	PPH 420:Monitoring and Evaluation of Population Health Programs	+		
10	PPH 422:Alternative medicine and Pharmacology		+	
11	PPH 423: Community Oriented Primary Health Care		+	
12	PPH 424:Application of Epidemiology		+	
13	PPH 425:Conflict Resolution and Peace Building for Health Promotion		+	

Bachelor of Science in Health Promotion

Programme Structure and Duration

The Bachelor of Science Health Promotion is a four-year degree program.

List of Units

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2	Sem 3
1	HEH 105: Environmental Chemistry 1		+	

2	HSU 100: Basic Life skills	+		
3	PHP 101: Public Health Microbiology	+		
4	PHP 102: Public Health Parasitology		+	
5	PHP 103: Health Promotion Theory and Practice		+	
6	PHP100: Foundations of Health Promotion	+		
7	PPH 101: Foundations and Principles of Population Health	+		
8	PPH 116: Anatomy and Physiology for Human Populations		+	
9	PPH 117: Biostatistics for Public Health		+	
10	PPH 118: Community Health Strategy and Primary Health Care		+	
11	UCU 100: Communication Skills	+		
12	UCU 103: Creative and Critical Thinking	+		
13	UCU 104: Entrepreneurship	+		
SN	Level 200 - Unit Code and Title	Sem 1	Sem 2	
1	HEH 200: Introduction to Epidemiology	+		
2	HEH 201 Environmental Biochemistry	+		
3	PHP 200: Health Promotion Strategies	+		
4	PHP 201: Nutrition for Health Promotion and Disease Prevention	+		
5	PHP 202: Social and Behavioral Approaches to Public Health	+		
6	PHP 203: Counseling in Health Promotion	+		
7	PHP 204: Workplace Health Promotion	+		
8	PHP 205: Communications in Public Health		+	
9	PHP 206: Ethics in Health Promotion		+	
10	PHP 207: Attachment 1		+	
11	PPH 208: Communicable Diseases		+	
12	PPH 217: Human Psychology and Health		+	
13	PPH 221: Immunology of Environmental Diseases		+	
				+
SN	Level 300 - Unit Code and Title	Sem 1	Sem 2	
				+
1	PHP 300: Health Promotion in Reproductive Health	+		
2	PHP 301: Public Health Law, Policy and Advocacy	+		
3	PHP 302: Health Systems Organization	+		
4	PHP 303: Human Resource Management for Health	+		
5	PHP 304: Occupational Diseases	+		
6	PHP 305: Community Oral Health Promotion		+	
7	PHP 306: Public Health Toxicology		+	
8	PHP 307: Attachment 11		+	
9	PPH 300: Research Methods	+		
10	PPH 301 Maternal Health	+		
11	PPH 305: Non-communicable and Lifestyle Diseases		+	
12	PPH 314: Community Oriented Primary Health Care		+	

13	PPH 315: <u>Population Health Informatics</u>		+	
14	PPH 317: Child Health		+	
SN	Level 400 - Unit Code and Title	Sem 1	Sem 2	
1	HEH 404: Introduction to Pharmacology	+		
2	PHP 400: <u>Global Public Health</u>	+		
3	PHP 401: Resource Mobilization for Health Promotion	+		
4	PHP 402: Methods and Teaching Strategies in Health Education	+		
5	PHP 403: Public Relations in Health Promotion	+		
6	PHP 404: Health Promotion in Emergencies	+		
7	PHP 405: School Health Promotion	+		
8	PHP 406: Financial Management for Health Care Organizations	+		
9	PHP 407: Stress Management and Mental Health Promotion		+	
10	PHP 408: Health Promotion for Geriatrics		+	
11	PHP 409: Health Promotion Program Planning Management, Monitoring and Evaluation		+	
13	PHP 410: Research project		+	
12	PPH 409: Drug and Substance Abuse		+	

Masters of Public Health (Reproductive Health)

Programme Structure and Duration

The Master of Science in reproductive health programme shall extend over a period of eighteen months. In the first year the students shall take a minimum of TEN units 7 core and 3 electives. On completion of the first year units, the student shall be attached to an on-going project or institution for a period of 3 months. In the second year of study, Students shall write a research proposal, carry out research work and submit a thesis for examination

List of Units

SN	School Common Units	Sem 1	Sem 2	
1	HEH 800: General Research Methodology	+		
2	HPH 802: Principles of Epidemiology	+		
3	HPH 804: Project Planning Monitoring and Evaluation	+		
4	PHI 815: Medical Statistics	+		
5	PRH 800: Principles of Reproductive Health	+		
6	PRH 801: Reproductive Health Diseases	+		
7	PRH 802: Adolescent Sexual and Reproductive Health		+	
8	PRH 803: Advocacy and Promotion of Reproductive Health Issues		+	
9	PRH 805: Legal and Ethical Issues in Reproductive Health		+	
10	PRH 807: Socio-Cultural Dimensions in Reproductive Health		+	
11.	PRH 808: Reproductive Health Services Management		+	
12.	PRH 815: Safe Motherhood and Perinatal Health		+	
	PRH 816: Thesis			+

Phd Reproductive Health**Programme Structure and Duration****List of Units**

SN	School Common Units	Sem 1	Sem 2	Sem3
	PRH 900: Thesis			+
1	PRH 901 Reproductive Health Epidemiologic Methods	+		
2	PRH 902 Statistical Methods in Public Health	+		
3	PRH 903 Advanced Research Methods	+		
4	PRH 904 Computer Applications	+		
5	PRH 905 Evidence Based Health Promotion	+		
6	PRH906Ethical and Policy Issues in Reproductive Health Services Management.	+		
7	PRH907Maternal,Neonatal Health and Reproductive Health Diseases		+	
8	PRH 908 Reproductive Health Policy Design and analysis		+	
9	PRH 908 Reproductive Health Policy Design and analysis		+	
10	PRH 909 Seminar in Contemporary Reproductive Health Issues		+	

Bachelor in Community Resource Management**Programme Structure and Duration**

The Bachelor of Science in Community Resource Management degree programme shall take a minimum of 4 academic years.

The degree shall be offered by course work and examination.

The course work shall comprise of lectures, group work, individual assignments, demonstrations, class presentations, case studies, projects, discussions, tutorials, practicum attachment and educational field trips.

Programme Structure

The B.Sc. degree in the Department of Community Resource Management & Extension is offered in the 3:3:1:1 degree pattern.

In the first year of study, candidates shall take a total of 12 units comprising of 3 University Common Units and 3 core units from the department of Community Resource Management; 3 units from the Department of Gender and Development Studies and 3 units from the Department of Sociology.

In the second year of study, candidates shall take a total of 12 units comprising 6 core units from the department of Community Resource Management; 3 units from the Department of Gender and Development Studies and 3 units from the Department of Sociology.

In the third and fourth years of study, candidates will take 13 and 12 units respectively from the Department of Community Resource Management and Extension.

List of Units across Semesters

Pattern: 12+12+13+12 = 49 Units

SN	Unit Code & Title	Sem 1	Sem 2
University Common Units			
1	UCU 100: Communication Skills	+	
2	UCU 103: Critical and Creative Thinking		+
3	UCU 104: Entrepreneurship	+	
100 level-Departmental Core units			
4	HCR 100 : Community Resource Management	+	
5	HCR 101: Human Development	+	
6	HCR 102: Trends in community Development		+
	2nd and 3rd department units students take 3 units each from 2 other departments of choice at 100 level		
Sociology Units			
7	ASC 100: Introduction to Sociology	+	
8	ASC 101: Introduction to Social Anthropology	+	
9	ASC 103: Social Structure of African Societies		+
Gender and Development studies Units			
10	AGD 100: Introduction to Gender and Development	+	
11	AGD 101: Evolution of Gender and Development	+	
12	AGD 102: Gender Culture & Development		+
200 Level –Core Units			
1	HCR 200: Community Development Planning	+	
2	HCR 201: Youth and Development	+	
3	HCR 202: Community Outreach and Extension Programmes		+
4	HCR 203: Community Mobilization and social action		+
5	HCR 204: Consumer Economics		+
6	HCR 205: Family Health	+	
	2nd and 3rd Department Units Students take 3 units each from 2 previously chosen departments at level 200		
Sociology Units			
7	ACU 202: Methods and Techniques of Social Science Research	+	
8	ASC 204: Introduction to Sociological Theory	+	
9	ASC 205: Rural Sociology		+
Gender and Development studies Units			
10	AGD 200: Gender Issues in Governance & Development	+	
11	AGD 201: Gender development Theories	+	
12	AGD 202: Participatory Approaches in Gender & Development		+
13	AGD 203: Gender & Agriculture development		+

SN	Unit Code & Title	Sem 1	Sem 2
300 Level-Core Units			
1	ECD 321: Resource Mobilization & Economic Empowerment		+
2	HCR 302: National Development Policies	+	
3	HCR 304: Integrated Rural Development	+	
4	HCR 306: Practicum		+
5	HCR 307: Leadership and Management in Community Practice	+	
6	HCR 308: Household Resource Management	+	
7	HCR 309: Community Housing and Development		+
8	HCR 310: Children in Need of Special Protection	+	
9	HCR 312: Community Advocacy and Networking	+	
10	HCR 314: Survey of Community Welfare Programs		+
11	HCR 315: Professional Community Practice		+
12	HCU 300: Introduction to Research Methods (School Common Unit)	+	
13	HCU 301: Introductory statistics (School Common Unit)		+
400 Level-Core Units			
1	HCR 401: Community Nutrition and Food Security	+	
2	HCR 402: Poverty, Wealth Creation and Development	+	
3	HCR 404: Participatory Approaches in Community Practice	+	
4	HCR 405: Community Intervention Programmes		+
5	HCR 406: Community Capacity Building		+
6	HCR 407: Project in Community Resource Management		+
7	HCR 409: Communities with Special Needs		+
8	HCR 410: Management of Children's Services	+	
9	HCR 411: Aging and Social Welfare Services		+
10	HCR 412: Resource Management for Urban Communities	+	
11	HCR 413: Management of Community –Based Organization	+	
12	HCU 400: Project Design Monitoring & Evaluation		+

Bachelor of Education (Home Economics)

SN.	Unit Code & Title	Sem 1	Sem 2
1	HFS 100: Family Resource Management	+	
2	HFS 201: Consumer Economics		+
3	HFS 305: Housing and Environment		+
4	HFS 309: Family Health and Home Nursing	+	
5	HFS 406: Families with Special Needs		+

Masters of Science (Community Resource Management)

Programme Structure and Duration

The Master's Degree in Community Resource Management shall extend for minimum period of two academic years.

Programme Structure

The Master's degree is offered by coursework, examination and thesis.

The first year of study will be spent on course work and examination during which students take a total of 10 units composed of 8 core units and 2 electives for those doing by thesis. In the second year, the students will concentrate on their research work and submit the thesis by the end of the second year.

The Masters degree shall be offered in the following modes of study:

Regular full-time programme

Institutional based programme (IBP)

Candidates in the full-time programme shall take 5 units per semester while those on part-time and IBP modes of study shall take 4 units per semester or session respectively.

	Masters (Level 800)		
1	HCR 800: Development Policy Formulation and Analysis		+
2	HCR 801: Theories and Models for Community Development	+	
3	HCR 804: Project Funding and Grant Management		+
4	HCR 805: Community Extension Program development	+	
5	HCR 806: Community Intervention Project		+
6	HCU 800: Research Methods	+	
7	HCU 801: Statistics	+	
8	HCU 802: Programme Design Monitoring and Evaluation		+
	Electives		
9	HCR 802: Humanitarian Support and Social Development	+	
10	HCR 808: Consultancy in Non Profit Organizations (NPOs)		+
11	HCR 810: Communication for Development	+	
12	HCR 816: Research thesis		

Doctor of Philosophy in Community Resource Management

Programme Duration and Structure

The Ph.d Degree in Community Resource Management shall extend for minimum period of three academic years.

The Ph.d degree is offered by thesis only and is either on full time or part time basis.

	PhD (Community Resource Management): Offered by Thesis only.

15.6 Department of Physical Education & Exercise Science

Programme Duration and Structure

The Bachelor of Education (Physical Education), (Arts) and (Science) programmes shall extend over four academic years and are offered in the two patterns of regular and major. In both patterns, students will be required to combine physical education with another teaching subject. The course structures for each pattern will be as follows:

Regular: 16 units in Physical Education (four each year), 16 units in the second teaching subject, 16 units in Education, and three University common units.

Major: 20 Units in Physical Education (Four in each of year one and two, and Six each of year three and four, 12 units in the second teaching subject, 16 in Education and three University common units

Units across Semesters

	Level 100			
S.N	Unit Code and Title	Sem1	Sem2	Prerequisites
1	HPE 101: Hockey, Netball, Soccer		+	
2	HPE 103: Basketball, Hand ball, Volleyball	+		
3	HPE 108: Foundations of Physical Education	+		
4	HPE 109: Human Anatomy and Physical Activity		+	
	Level 200			
1	HPE 203: Athletics II, Rounders and Swimming II		+	HPE 210
2	HPE 208: Sports Pedagogy and Management		+	
3	HPE 209: Functional Human Physiology	+		HPE 109
4	HPE 210: Athletics I, Rugby, Swimming I	+		

	Level 300 (Two Electives)		
1	HPE 300: Outdoor Education and First Aid	+	
2	HPE 301: Aerobics, Dance and Gymnastics	+	
3	HPE 310: Badminton, Squash and Tennis		+
4	HPE 311: Motor Development and Learning		+
5	HPE 312: Physical Activity and Health	+	
6	HPE 313: Sports Equipment and Facilities		+

	Level Four (Two Electives)			Prerequisites
1	HPE401:Skill Specialization I(Two sports from two different categories	+		HPE 101 HPE 103 HPE 203 HPE 210 HPE 310

2	HPE 402: Exercise Physiology		+	HPE 109 HPE 209
3	HPE 403: Skill Specialization II (continue specialization of HPE 401)		+	HPE 101 HPE 103 HPE 203 HPE 210 HPE 310
4	HPE 410: Physical Fitness and Principles of Training	+		
5	HPE 411: Adapted Physical Activity and Sports	+		
6	HPE 413: Tests and Measurements in Physical Activity		+	

Postgraduate Diploma in Physical Education

Programme Structure and Duration

The duration of the course will be one and half academic years comprising two semesters of course work during which 13 units of at least 35 contact hours each will be covered. Each candidate will also be expected to undertake a practicum of 3 months in an educational institution (14th unit).

Units Across Semesters

SN	Unit Code and Title	Semester		
		1	2	3
1	HPE 700: Foundations and Pedagogy of Physical Education	+		
2	HPE 701: Anatomical and Physiological Rationale in Physical Activity and Sport	+		
3	HPE 702: Motor development and Adapted Sports	+		
4	HPE 703: Exercise Physiology and Fitness Evaluation	+		
5	HPE 704: Principles of Training and Conditioning	+		
6	HPE 705: Outdoor Education Pursuits and First Aid		+	
7	HPE706: Sports Equipment, Facility Design and Management		+	
8	HPE 707: Skill Acquisition1: Basketball and Volleyball	+		
9	HPE 708: Skill Acquisition 2: Athletics and Soccer	+		
10	HPE 709: Skill Acquisition 3: Badminton and Tennis		+	
11	HPE 710: Skill Acquisition 4: Softball and Swimming		+	
12	HPE 711: Research Methods in Physical Education		+	
13	HPE 712: Statistics in Physical Education		+	
14	HPE 713: Practicum			+

Master of Science (Physical Education)

Programme Structure and Duration

The duration of the course will be a minimum of two academic years comprising two semesters of coursework during which a student will undertake seven (7) core units and five (5) elective units, and one year for thesis writing. The five (5) elective units will be offered as per the cluster on offer at a given time.

Units across Semesters

	Year One		
SN	Unit Code and Title	Sem1	Sem2
1.	HCU 800: Research Methods (School Unit)	+	
2.	HCU 801: Statistics (School Unit)	+	
3.	HPE802: Legal and Ethical Issues in Physical Education&Sports	+	
4.	HPE 827: Physiology of Exercise for Physical Education	+	
5.	HPE 828: Didactics and Methods of a Selected Sport	+	
6.	HPE 829: Curriculum Development in Physical Education		+
7.	HPE 830: Physical Education and Sports for Special Population	+	
8.	HPE 832: Learning of Motor Skills		+
9.	HPE 833: Psychology of Physical Education and Sports		+
10.	HPE 835: Administration and Marketing of Physical Education&Sports		+
11.	HPE836: Human and Industrial Relations in Physical Education &Sports		+
12.	HPE 839: Diagnosis and Adaptation Techniques for Disabilities		+
	Year Two		
	HPE 844: Thesis		

Doctor of Philosophy (Physical Education)

Programme Structure and Duration

The Doctoral programme shall take a minimum of three years. The degree will be through the Thesis mode only. After the successful presentation of a concept during a Department Postgraduate seminar, the candidate will be assigned at least two supervisors to consult. By the end of the first year, the candidate will have developed and defended a full proposal during a Departmental Postgraduate seminar before forwarding to the proposal to the Graduate School. The candidate can then proceed with the processes of permissions and permits to collect data compile and successfully defend the thesis within two years before being awarded the Degree.

SN	Unit Code and Title
1.	HPE 900: Thesis

Bachelor of Science (Exercise and Sport Science)

Credit waivers will be given as per university policy after approval.

University common units		Year 1		Year 2
SN	Unit Code: Title	Sem 1	Sem 2	Sem 1
1.	UCU 100: Communication Skills		+	
2.	UCU 103: Introduction to Creative and Critical Thinking	+		
3.	UCU 104: Introduction to Entrepreneurship			+

Level 100				
Core Units				
SN	Unit Code: Title	Sem 1	Sem 2	Prerequisites
1.	HES 100: First Aid and Safety Education	+		
2.	HES 101: Foundations of Sports Science	+		
3.	HES 102: Functional Human Anatomy	+		
4.	HES 103: Human Physiology I		+	
5.	HES 105: Exercise Biochemistry I	+		
6.	HES 106: Callisthenic and Weight training		+	
7.	HES 107: Kinanthropometry		+	
8.	HES 108: Community Health Education		+	
9.	HPE 101: Hockey, Netball and Soccer	+		
10.	HPE 103: Basketball, Hand ball, Volleyball		+	
11.	HPE 104: Psychology of Physical Education		+	
12.	HRS 101: Recreation, Sport and Environment	+		
Level 200				
Core Units				
13.	HES 200: Physical Fitness and Evaluation	+		
14.	HES 201: Functional Human Anatomy II	+		HES 102
15.	HES 202: Human Physiology II		+	HES 103
16.	HES 203: Exercise Biochemistry II		+	HES 105
17.	HES 204: Biomechanics in Sports I		+	
18.	HES 205: Motor Development and Learning	+		
19.	HES 206: Exercise and Sports for the Special Populations		+	
20.	HPE 201: Athletics I, Softball, Swimming I	+		
21.	HRS 200: Legal and Ethical Issues in Recreation and Sport		+	
22.	HRS 201: Public Relations in Recreation and Sport	+		
23.	HRS 205: Sociology of Recreation and Sport	+		
24.	HRS 207: Aerobics and Dance		+	
Level 300				
Core Units				
25.	HCU 300; Introduction to Research Methods	+		
26.	HCU 301; Introductory Statistics		+	
27.	HES 301: Exercise and Wellness	+		

28.	HES 302: Application of Computer Technology in Recreation & Sport	+		
29.	HES 304: Nutrition and Sport Performance		+	
30.	HES 305: Prevention and Management of Sport Injuries	+		
31.	HES 306: Applied Exercise Physiology		+	HES 102 HES 103
32.	HES 307: Principles of Training and Conditioning		+	
33.	HRS 301: Business of Recreation and Sport	+		
Electives				
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time				
34.	HES 308: Talent Identification in Sports	+		
35.	HES 309: Sport Ergonomics		+	
36.	HES 310: Biomechanics in Sport II	+		
37.	HES 311: Physical Therapy in Exercise and Health		+	
38.	HES 312: Design and Improvisation of Sports Facilities and Equipment	+		
39.	HES 313: Hydrodynamics and Aquatic Activities	+		
40.	HPE 309: Stress Management and Physical Activity		+	
41.	HRS 303: Sports and Recreation Marketing		+	
42.	HRS 305: Leadership in Recreation and Sport	+		
Level 400				
Core Units				
43.	HCU 400; Project Design, Monitoring and Evaluation	+		
44.	HES 401: Research Project in Human Performance		+	
45.	HES 402: Ergogenic Aids in Sports		+	
46.	HES: 404: Practicum		+	
47.	HPE 400: Test and Measurements in Physical Activity	+		
48.	HRS 400: Adventure Recreation and Training	+		
49.	HRS401: Financial management and Accounting in Recreation & Sport	+		
Electives				
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time				
50.	HES 405: Rackets and Batting Games		+	
51.	HES 406: Drugs Abuse and Control in Recreation and Sports	+		
52.	HES 407: Coaching Science		+	
53.	HES 408: Individual Fitness Programme Design	+		
54.	HRS 405: Aging and Human Performance	+		

Master of Science (Exercise and Sports Science)

Duration and Pattern of Study

The Master's degree shall extend over a minimum period of 18 months.

The degree shall be offered by Coursework, Examination and Thesis.

The coursework shall include lectures, field experiences, practicals, seminar reports and case studies as required in the synopses of particular units.

During the first year of study, students will take ten (10) units.

In the second year of study, students will undertake research work, prepare and present theses for examination.

Course Units			
Core units			
Unit Code: Title		Sem 1	Sem 2
1.	HCU 800: Research Methods	+	
2.	HCU 801: Statistics		+
3.	HES 800: Applied Exercise Physiology	+	
4.	HES 801: Nutrition for Exercise and Sports	+	
5.	HES 802: Applied Therapeutic Modalities in Exercise and Sports		+
6.	HES 803: Laboratory Methods in Human Movement and Performance	+	
7.	HES 804: Exercise in Chronic Diseases		+
8.	HES 805: Advanced Sports and Exercise Psychology		+
9.	HES 812: Thesis		
Electives			
NOTE: Each Year Group to take similar electives because of the minimum quorum required for a class. Thus not all units are on offer at any given time			
10.	HES 806: Pharmacology in Sport and Exercise	+	
11.	HES 807: Exercise and Sports in Disability		+
12.	HES 808: Sports Performance & Ergogenic Aids	+	
13.	HES 809: Prevention and Management of Athletes' Medical Conditions	+	
14.	HES 810: Health and Exercise Physiology Practicum		+

Doctor of Philosophy (Exercise and Sport Science)

HES 900: PhD Thesis

Duration; 3 Years

16. SCHOOL OF PURE AND APPLIED SCIENCES

16.1 Department of Biochemistry, Microbiology and Biotechnology

Diploma in Forensic Science

The Diploma in Forensic Science programme shall be covered in four (4) university academic semesters.

To graduate with a Diploma in Forensic Science, the candidate shall have satisfactorily completed and passed all the requisite 24 units.

The Diploma programme in Forensic Science shall consist of coursework, examination and a research project. Programme Structure and Duration: 2 years with 24 units in total *Contact hour shall be defined as 35 in the department.*

SN	Unit Code and Title	Sem 1	Sem2
1	SBC 021: Introduction to Forensic Physics	+	
2	SBC 022: Introduction to Forensic Chemistry	+	
3	SBC 023: Introduction to Computer Forensics	+	
4	SBC 024: Laboratory Safety, Quality Assurance and Control	+	
5	SBC 025: Fundamentals of Cell and Molecular Biology	+	
6	SBC 026: Chemical Analysis of Physical Evidence, Explosives and Arson	+	
7	SBC 027: Forensic Accident Reconstruction		+
8	SBC 028: Drug Analysis		+
9	SBC 029: Forensic Criminology		+
10	SBC 030: Forensic Psychology		+
11	SBC 031: ICT Crime and Forensic Investigations		+
12	SBC 032: Analysis of Paper, Fibres, Polymers, Inks and Paints		+

SN	Unit Code and Title	Sem 1	Sem 2
1	SBC 033: Drug, Explosive Manufacturing and Toxicological Hazards	+	
2	SBC 034: Forensic DNA Analysis	+	
3	SBC 035: Fundamentals of Fingerprinting	+	
4	SBC 036: Forensic Serology	+	
5	SBC 037: Firearms and Tool Marks	+	
6	SBC 038: Forensic Speaker Identification	+	
7	SBC 039: Photogrammetry and Mapping in Forensics		+
8	SBC 040: Crime Reconstruction and Evidence Dynamics		+
9	SBC 041: Analytical Forensic Microscopy		+
10	SBC 042: Legal Issues on Expert Evidence and Testimony		+
11	SBC 043: Research Methods for Forensic Science		+
12	SBC 044: Forensic Project		+

Postgraduate Diploma in Forensic Science

The Post Graduate Diploma in Forensic Science shall be covered in a period of three semesters.

To graduate with a Post Graduate Diploma in Forensic Science, the candidate shall have satisfactorily completed all the requisite 20 units.

In addition to the lectures and practicals, the trainees will be attached in model laboratories within the country where relevant techniques are undertaken.

The Postgraduate Diploma programme in Forensic Science shall consist of coursework, examination and a research project. Programme Structure and Duration: 1 year with 20 units in total *Contact hour shall be defined as 35 in the department.*

SN	Unit Code and Title	Sem 1	Sem 2	Sem 3
1	SBC 700: Forensic Biology	+		
2	SBC 701: Chemical Analysis of Physical Evidence	+		
3	SBC 702: Fingerprints	+		
4	SBC 703: Legal Issues on Expert Evidence and Testimony	+		
5	SBC 704: Forensic Odontology	+		
6	SBC 705: Forensic Pathology	+		
7	SBC 706: Forensic Ballistics	+	+	
8	SBC 707: Toxicology in the Forensic Laboratory		+	
9	SBC 708: Laboratory Information Management Systems		+	
10	SBC 709: Forensic Facility Plan and Design		+	
11	SBC 710: Introduction to Forensic Anthropology		+	
12	SBC 711: Photogrammetry and Mapping in Forensics		+	
13	SBC 712: Research Methods for Forensic Science		+	
14	SBC 713: Forensic Criminology in Practice			+
15	SBC 714: Computer and Digital Forensics			+
16	SBC 715: Fakes, Forgeries and Counterfeits			+
17	SBC 716: Clandestine Laboratory Investigations			+
18	SBC 717: Forensic Entomology			+
19	SBC 718: Research Project (2 units)			+

Bachelor of Science (Biochemistry)

Students taking B.Sc. (Biochemistry) must complete 49 departmental units in addition to three university common units.

At both the 100 level and the 200 levels all the twenty five (25) units are core, while at levels 300 and 400, first semester unit are core and second semester units electives.

The Bachelor of Science in Biochemistry programme shall consist of coursework and examination.

Programme Structure and Duration: 14:13:12:12= 51units in total. *Contact hour shall be defined as 35 in the department.*

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	SBC 100: Structure of Bio-molecules	+		
2	SBC 101: The Cell and its External Environment	+		
3	SBC 120: Introduction to Genetics	+		
4	SBC 121: Quantitative Genetics		+	SBC 120
5	SBC 190: Proteins and Enzymes I		+	
6	SBC 191: Carbohydrate Metabolism		+	
7	SBT 101: Survey of Plant Kingdom		+	
8	SBT 102: Plant Morphology and Anatomy		+	
9	SCH 100: Fundamentals of Inorganic Chemistry	+		
10	SCH 101: Introduction to Physical Chemistry	+		
11	SCH 102: Organic Chemistry 1		+	
12	SMA 100: Mathematics for Science I	+		
13	SZL 100: General Zoology		+	
14	UCU Unit (Department to determine)	+		
SN	Level 200 - Unit Code and Title	Sem 1	Sem 2	
1	SBC 200: Lipid Metabolism	+		
2	SBC 202: Analytical Techniques I	+		
3	SBC 203: Bio-membranes and Sub-cellular Organelles		+	
4	SBC 207: Cytology and Histology	+		
5	SBC 221: Cellular and Molecular Biology I	+		
6	SBC 290: Proteins and Enzymes II		+	SBC 190
7	SBC 291: Amino acid and Nucleotide Metabolism		+	
8	SBC 292: Medical Biochemistry I		+	
9	SBC 293: Reproductive Biochemistry		+	
10	SBC 294: Fundamentals and Applications of Biotechnology		+	
11	SBC 297: Introduction to Immunology	+		
12	SCH 202: Organic Chemistry II	+		
13	UCU Unit	+	+	

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	SBC 300: Biochemistry of Microorganisms	+		
2	SBC 301: Metabolism and Respiration in Plants	+		
3	SBC 308: Biostatistics and Research	+		
4	SBC 360: Signal Transduction and Cell Communication	+		SBC 120
5	SBC 361: Regulation and Integration of Metabolism	+		
6	SBC 362: Analytical Techniques II		+	SBC 202
7	SBC 368: Attachment in Biochemistry		+	
8	SBC 375: Cellular and Molecular Biology II	+		SBC 221
9	SBC 390: Drug Bioscreening		+	
10	SBC 391: Plant Biochemistry I		+	

11	SBC 395: Applied Microbial Biochemistry		+	
12	SBC 397: Biochemical Pharmacology		+	
13	SBC 398: Pharmacognosy		+	
14	SBC 399: Ecological Biochemistry		+	
SN	Level 400 - Unit Code and Title	Sem 1	Sem 2	
1	SBC 400: Biochemical Endocrinology	+		
2	SBC 401: Medical Biochemistry II	+		SBC 292
3	SBC 403: Advanced Immunology	+		
4	SBC 404: Nutritional Biochemistry	+		
5	SBC 420: Gene Technology	+		
6	SBC 424: Research Project in Biochemistry		+	SBC 190
7	SBC 427: Fundamentals of Bioinformatics	+		
8	SBC 468: Applied immunology		+	
9	SBC 469: Bio-processing		+	
10	SBC 475: Pharmaceutical Chemistry		+	
11	SBC 476: Plant Biochemistry II		+	SBC 391
12	SBC 477: Biochemical Toxicology (prerequisite SBC 397)		+	
13	SBC 478: Food Biochemistry		+	
14	SBC 479: Fermentation Technology		+	

Bachelor of Science (Biotechnology)

The Department of Biochemistry shall offer Bachelor of Science degree in Biotechnology.

To graduate with B.Sc. Biotechnology the candidate shall have satisfactorily completed 49 required departmental units in addition to the University common units.

In the first and second years of study, all units will be core. In the third and fourth years of study students will be required to take all the core units and any 6 electives at each level. The students will also be required to take 3 university common units.

The Bachelor of Science in Biotechnology programme shall consist of coursework and examination. Programme Structure and Duration: 14:13:12:12= 51units in total. *Contact hour shall be defined as 35 in the department.*

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	SBC 100: Structure of Bio-molecules	+	
2	SBC 101: The Cell and its External Environment	+	
3	SBC 120: Introduction to Genetics	+	
4	SBC 121: Quantitative Genetics		+
5	SBC 190: Proteins and Enzymes I		+
6	SBC 191: Carbohydrate Metabolism		+
7	SBT 101: Survey of Plant Kingdom		+
8	SBT 102: Plant Morphology and Anatomy		+

9	SCH 100: Fundamentals of Inorganic Chemistry	+	
10	SCH 101: Introduction to Physical Chemistry	+	
11	SCH 102: Organic Chemistry 1		+
12	SMA 100: Mathematics for Science I	+	
13	SZL 100: General Zoology		+
14	UCU	+	

SN	Level 200 - Unit Code and Title	Sem 1	Sem 2
1	SBC 200: Lipid Metabolism	+	
2	SBC 202: Analytical Techniques I	+	
3	SBC 203: Bio-membranes and Sub-cellular Organelles	+	
4	SBC 206: Introduction to Biophysics		+
5	SBC 207: Cytology and Histology		+
6	SBC 221: Cellular and Molecular Biology I		+
7	SBC 222: Nucleic Acids and Protein Synthesis	+	
8	SBC 290: Proteins and Enzymes II (<i>Prerequisite SBC 190</i>)		+
9	SBC 292: Medical Biochemistry I		+
10	SBC 294: Fundamentals and Applications of Biotechnology	+	
12	SCH 202: Organic Chemistry II	+	
11	SMB 200: General Microbiology		+
13	UCU Unit	+	+

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2
1	SBC 300: Biochemistry of Micro-organisms	+	
2	SBC 303: Introduction to Immunology	+	
3	SBC 308: Biostatistics and Research Methodology		+
4	SBC 321: Gene Mapping Techniques		+
5	SBC 362: Analytical Techniques II (<i>Prerequisite SBC 202</i>)	+	
6	SBC 363: Gene Expression and Regulation	+	
7	SBC 364: Plant Cell and Tissue Culture	+	
8	SBC 365: Introduction to Bioinformation Technology	+	
9	SBC 369: Attachment in Biotechnology (1 unit-Elective)		+
10	SBC 378: Microbial Biotechnology		+
11	SBC 395: Applied Microbial Biochemistry I		+
12	SBC 397: Biochemical Pharmacology		+
13	SBC 398: Pharmacognosy (Elective)		+
14	SBC 399: Ecological Biochemistry (Elective)		+

SN	Level 400 - Unit Code and Title	Sem 1	Sem 2
1	SBC 403: Advanced Immunology	+	
2	SBC 418: Animal biotechnology		+
3	SBC 420: Gene Technology	+	

4	SBC 421: Population and Evolutionary Genetics		+
5	SBC 423: Industrial Biotechnology		+
6	SBC 427: Fundamentals of Bioinformatics		+
7	SBC 428: Research Project (equivalent to 2 units)		+
8	SBC 447: Bio-safety and Bioethics	+	
9	SBC 467: Plant Molecular Biology	+	
10	SBC 469: Bioprocessing	+	
11	SBC 477: Biochemical Toxicology (prerequisite SBC 397)	+	
12	SBC 479: Fermentation Technology		+
13	SBC 498: Forensic DNA Technologies		+
14	SBC 499: Environmental Biotechnology		+

Bachelor of Science (Molecular and Cellular Biology)

Students taking B.Sc. (MCB) must complete 48 departmental units in addition to the university common units.

The Bachelor of Science in Molecular and Cell Biology programme shall consist of coursework and examination. Programme Structure and Duration: 14:13:12:12= 51units in total. *Contact hour shall be defined as 35 in the department.*

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	SBC 100: Structure of Biomolecules	+	
2	SBC 101: The Cell and its - External Environment	+	
3	SBC 113: Introduction to Molecular Biology	+	
4	SBC 116: Cytoskeleton I		+
5	SBC 120: Introduction to Genetics	+	
6	SBC 151: Developmental Biology		+
7	SBC 190: Proteins and enzymes I		+
8	SBC 212: Cell Surface and Intercellular Communication		+
9	SBT 101: Survey of Plant Kingdom		+
10	SBT 102: Plant Morphology and Anatomy		+
11	SCH 100: Fundamentals of Inorganic Chemistry	+	
12	SZL 100: General Zoology		+
13	UCU	+	

SN	Level 200 - Unit Code and Title	Sem 1	Sem 2
1	SBC 170: Basic Metabolism I	+	
2	SBC 203: Bio-membranes and Sub-cellular Organelles		+
3	SBC 250: Virology		+
4	SBC 252: Basic Immunology	+	
5	SBC 270: Advanced Proteins and Enzymes(<i>Prerequisite SBC 190</i>)	+	
6	SBC 271: Cellular Basis of Morphogenesis	+	

7	SBC 272: Biochemistry of Tumours	+	
8	SBC 273: Cytoskeleton II(<i>Prerequisite SBC 116</i>)	+	
9	SBC 274: Cell Cycle		+
10	SBC 275: Genome Organization I		+
11	SBC 276 : Genetics II		+
12	SBC 427: Fundamentals of Bioinformatics		+
13	UCU	+	+

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2
1	SBC 312: Genome Organization II (<i>Prerequisite SBC 275</i>)	+	
2	SBC 313: Experiments in DNA Identification and Molecular Genetics	+	
3	SBC 314: Human Disease and the Development of Therapeutic Agents	+	
4	SBC 315: Advanced Cell Biology Laboratory (in lieu of 352N)		+
5	SBC 318: Molecular Biology of Eukaryotic Cells		+
6	SBC 321: Gene mapping techniques		+
7	SBC 350: Cytoskeleton III (<i>Prerequisite SBC 273</i>)	+	
8	SBC 351: Genetic Engineering and Functional Genomics	+	
9	SBC 353: Molecular Immunology	+	
10	SBC 364: Plant tissue culture		+
11	SBC 370: Advanced Biochemistry Laboratory		+
12	SBC 371: Fundamentals of Microbiology		+
13	SBC 373: Attachment/Practicum (in lieu of SBC 315)		+

SN	Level 400 - Unit Code and Title	Sem 1	Sem 2
1	SBC 403: Advanced Immunology	+	
2	SBC 411: Advanced Eukaryotic Genetics	+	
3	SBC 412: Principles of Genomics	+	
4	SBC 416: Membrane Biology Cellular Biochemistry	+	
5	SBC 428: Research Project (Two units equivalent)		+
6	SBC 447: Bio-safety and Bioethics		+
7	SBC 470: Principles of Organic Spectroscopy	+	
8	SBC 471: Molecular Evolution and Bioinformatics		+
9	SBC 472: Molecular Genetics	+	
10	SBC 475: Pharmaceutical Chemistry		+
11	SBC 496: Transgenic Expression Systems		+
12	SBC 497: Introduction to Neuroscience		+

Bachelor of Science (Forensic Science)

The department of Biochemistry and Biotechnology shall offer Bachelor of Science degree in Forensic Science.

To graduate with a B.Sc in Forensic Science, the candidate shall have satisfactorily completed 52 required departmental units in addition to the 3 University common units.

In the first and second years of study, all the 28 units (14 for each year) will constitute core units.

In the third and fourth years of study, students will be required to take all the 6 core units and any 6 electives at each level.

The Bachelor of Science in Forensic Science programme shall consist of coursework and examination. Programme Structure and Duration: 14:13:12:12= 51units in total *Contact hour shall be defined as 35 in the department.*

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	SBC 120: Introduction to Genetics	+	
2	SBC 130: Forensic Techniques I	+	
3	SBC 131: General Environmental Science	+	
4	SBC 132: Information Technology	+	
5	SBC 133: Physics I		+
6	SBC 134: Forensic Dentistry Analysis		+
7	SBC 135: Human Anatomy I	+	
8	SBC 136: Human Anatomy II (<i>Prerequisite SBC 135</i>)		+
9	SBC 137: Human Physiology and Pathophysiology I	+	
10	SBC 138: Human Physiology & Pathophysiology II (<i>Prerequisite SBC 137</i>)		+
11	SBC 139: Cell and Molecular Biology		+
12	SCH 102: Organic Chemistry I	+	
13	SCH 108: Fundamentals of Physical Chemistry		+
14	SMA 100: Mathematics for Science I		+

SN	Level 200 - Unit Code and Title	Sem 1	Sem 2
1	SBC 207: Cytology and Histology	+	
2	SBC 228: Physics II(<i>Prerequisite SBC 133</i>)	+	
3	SBC 229: Basic Biochemistry	+	
4	SBC 230: Cell Biology and Metabolism	+	
5	SBC 231: Introduction to Forensic Science	+	
6	SBC 232: Environmental Forensic Analysis		+
7	SBC 233: Principles of Genetics	+	
8	SBC 234: Forensic Biology I	+	
9	SBC 235: Forensic Biology II(<i>Prerequisite SBC 234</i>)		+
10	SBC 236: Forensic Techniques II(<i>Prerequisite SBC 130</i>)		+
11	SBC 237: Forensic Evidence		+
12	SBC 238: Hair Forensic Analysis		+
13	SBC 239: Histopathology and Cytology		+
14	SCH 208: Fundamentals of Carbonyl Compounds and Amines		+

SN	Level 300 - Unit Code and Title	Sem 1	Sem 2
1	SBC 308: Biostatistics and Research Methodology	+	
2	SBC 340: Forensic Techniques III	+	
3	SBC 341: Environmental Forensic Analysis II(<i>Prerequisite SBC 232</i>)	+	
4	SBC 342: Population and Evolutionary Genetics I	+	
5	SBC 343: Forensic DNA Analysis	+	
6	SBC 344: Forensic Toxicology		+
7	SBC 345: Computer Programming		+
8	SBC 346: Forensic Digital Imaging I		+
9	SBC 354: Introduction to Bioinformatics		+
10	SBC 355: Forensic Pathology		+
11	SBC 356: Forensic Pharmacology		+
12	SBC 374: Laboratory Techniques III	+	
13	SPH 420: Condensed Matter Physics I	+	

SN	Level 400 - Unit Code and Title	Sem 1	Sem 2
1	SBC 443: Population and Evolutionary Genetics II (<i>Prerequisite SBC 342</i>)	+	
2	SBC 444: Forensic Digital Imaging II(<i>Prerequisite SBC 346</i>)	+	
3	SBC 447: Bio-safety and Bio-ethics	+	
4	SBC 448: Research Project (Equivalent to 2 Units)	+	
5	SBC 449: Forensic Evidence and Law		+
6	SBC 450: Biochemistry of Disease		+
7	SBC 451: Expert Witnessing		+
8	SBC 452: Applied Forensic Statistics		+
9	SBC 453: Advanced Forensic Bioinformatics		+
10	SBC 454: Population Genetics Models in Forensic Science		+
11	SBC 473: Forensic Techniques IV	+	
12	SBC 474: Forensic Analysis of Human Remains	+	
13	SPH 421: Condensed Matter Physics II(<i>Prerequisite SBC 420</i>)	+	

Master of Science (Biochemistry)

The Master of Science in Biochemistry programme shall consist of coursework and examination and thesis.

In year 1, a candidate shall takes 10 Units and concentrate on a thesis in Year 2. Programme Structure and Duration: 2 years with 10 units in total – thesis *Contact hour shall be defined as 35 in the department.*

SN	Unit Code and Title	Sem 1	Sem 2
1	SBC 801: Protein and Enzyme Technology	+	
2	SBC 802: Molecular Cell Physiology	+	
3	SBC 803: Biochemistry of Protozoans		+

4	SBC 804: Biochemistry of Helminths		+
5	SBC 805: Biochemistry of Antimicrobial Action		+
6	SBC 806: Neurochemistry		+
7	SBC 809: Ecological Biochemistry I	+	
8	SBC 810: Thesis		
9	SBC 811: Immunology	+	
10	SBC 812: Immunochemistry		+
11	SBC 815: Insect Biochemistry		+
12	SBC 816: Biochemistry of Cancer Growth		+
13	SBC 820: Ecological Biochemistry II		+
14	SCU 801: Scientific Data Analysis		+
15	SCU800: Research Methodology for Pure and Applied Sciences	+	

Master of Science (Medical Biochemistry)

The Master of Science in Medical Biochemistry programme shall consist of coursework and examination and thesis.

In year 1, a candidate shall takes 10 Units and concentrate on a thesis in Year 2. Programme Structure and Duration: 2 years with 10 units in total - thesis *Contact hour shall be defined as 35 in the department.*

SN	Unit Code and Title	Sem 1	Sem 2
1	SBC 803: Biochemistry of Protozoans		+
2	SBC 804: Biochemistry of Helminths		+
3	SBC 805: Biochemistry of Antimicrobial Action		+
4	SBC 810: Thesis		
5	SBC 875: Advanced Laboratory Techniques	+	
6	SBC 876: Molecular Basis of Health	+	
7	SBC 877: Biochemical Pathology I	+	
8	SBC 878: Laboratory Data Management	+	
9	SBC 879: Biochemical Pathology II		+
10	SBC 880: Genetics and Developmental Aspects of Disease		+
11	SBC 881: Molecular Aspects of Disease		+
12	SCU 801: Scientific Data Analysis		+
13	SCU800: Research Methodology for Pure and Applied Sciences	+	

Master of Science (Biotechnology)

The Master of Science in Biotechnology programme shall consist of coursework and examination and thesis.

In year 1, a candidate shall takes 10 Units and concentrate on a thesis in Year 2. Programme Structure and Duration: 2 years with 10 units in total – thesis. *Contact hour shall be defined as 35 in the department.*

SN	Unit Code and Title	Sem 1	Sem 2
1	SBC 801: Protein and Enzyme Technology	+	
2	SBC 830: Genetic Engineering	+	
3	SBC 831: Immuno-technology	+	
4	SBC 832: Molecular Population Genetics		+
5	SBC 833: Microbial Genetics		+
6	SBC 834: Industrial Biotechnology		+
7	SBC 835: Plant cell and Tissue Culture		+
8	SBC 836: Food Biochemistry		+
9	SBC 844: Biosafety and Intellectual Property Rights	+	
10	SBC 845: Environmental Microbial Biotechnology		+
11	SBC 846: Bioinformatics		+
12	SBC 847: Medical Biotechnology		+
13	SBC 848: Molecular Breeding		
14	SCU 801: Scientific Data Analysis		+
15	SCU800: Research Methodology for Pure and Applied Sciences	+	
**	SBC 810: Thesis		

PhD in Biotechnology

The PhD programme in Biotechnology shall consist of thesis only after 3 years of research in an area of Biotechnology.

SBC 900: PhD Thesis

PhD in Medical Biochemistry

The PhD programme in Medical Biochemistry shall consist of thesis only after 3 years of research in an area of Medical Biochemistry

SBC 900: PhD Thesis

PhD in Biochemistry

The PhD programme in Biochemistry shall consist of thesis only after 3 years of research in an area of Biochemistry

SBC 900: PhD Thesis

Bachelor of Science (Microbiology)

Programme Structure and Duration

Students taking B.Sc. (Microbiology) must complete 48 departmental units in addition to 3 University common units. *Contact hour shall be defined as 35 in the department.*

University Common Units

UCU 100: Communication Skills

UCU 103: Introduction to Critical and Creative Thinking

UCU 104: Introduction Entrepreneurship

	Level 100		
S N	Unit Code and Title	Sem1	Sem2
1	SBT 100: Cellular Basis of Life	+	
2	SBT 101: Survey of Plant Kingdom		+
3	SBT 102: Plant Morphology and Anatomy	+	
4	SBT 103: Botanical Techniques		+
5	SCH 100: Fundamentals of Inorganic Chemistry	+	
6	SCH 101: Introduction to Physical Chemistry		+
7	SCH 102: Organic Chemistry I		+
8	SCH 103: Introduction to Classical Analysis& Separation Techniques	+	
9	SZL 100: General Zoology		+
10	SZL 101: Introduction to Ecology and Bioanalysis	+	
11	SZL 103: Introduction to Histology		+
12	SZL 105: Laboratory Methods and Techniques in Zoology	+	
	Level 200		
SN	Unit Code and Title	Sem1	Sem2
1	SBT 200: Plant Ecology		+
2	SBT 201: Plant Function	+	
3	SBT 205: Phytopathogens		+
4	SCH 200: Atomic Structure and Chemical Bonding	+	
5	SCH 201: Chemical Thermodynamics	+	
6	SCH 202: Organic Chemistry II(<i>Prerequisite SCH 102</i>)		+
7	SCH 203: Theory of Spectroscopic Methods		+
8	SMB 200: General Microbiology	+	
9	SZL 200: Vertebrate Zoology		+
10	SZL 201: Invertebrate Zoology	+	
11	SZL 202: Comparative Physiology	+	
12	SZL 206: Principles of Molecular Genetics.		+

	Level 300		
S N	Unit Code and Title	Sem1	Sem2
1	SBT 300: Cell Biology and Genetics		+
2	SBT 302: Mycology	+	

3	SBT 303: Principles of Plant Pathology		+
4	SBT 307: Biostatistics	+	
5	SMB 300: Bacteriology	+	
6	SMB 301: Introduction to Virology		+
7	SMB 302: Principles of Immunology		+
8	SMB 303: Agricultural Microbiology		+
9	SMB 304: Immunohaematology	+	
10	SMB 305: Immunochemistry		+
11	SMB 306: Microbial Ecology	+	
12	SMB 307: Microbial Physiology	+	
13	SMB 308: Medical Bacteriology	+	
14	SMB 309: Plant Virology		+
15	SZL 315: Introduction to Parasitology		+
Level 400			
S N	Unit Code and Title	Sem1	Sem2
1	SBT 418: Microbial Genetics		+
2	SBT 420: Biotechnology	+	
3	SBT 423: Diagnosis and Control of Plant Diseases		+
4	SBT 424: Pesticides	+	
5	SMB 400: Research Project (2 units, over 2 semesters)	+	+
6	SMB 401: Applied Microbiology		+
7	SMB 402: Environmental Microbiology	+	
8	SMB 404: Industrial Microbiology		+
9	SMB 405: Diagnostic Virology		+
10	SMB 408: Food Microbiology		+
11	SMB 411: Medical Virology	+	
12	SMB 412: Epidemiology		+
13	SMB 413: Cellular Immunology	+	
14	SMB 416: Medical Mycology		+
15	SZL 405: Medical Protozoology	+	

Master of Science (Microbiology)

Programme Structure and Duration

The Masters programme shall extend over a period of at least eighteen months from the date of registration and shall consist of coursework, examination and thesis involving full-time attendance at the university.

During the first year of study each student will be required to follow a programme comprising a minimum of eight units and a maximum of ten units. The second year will be devoted entirely to research and the student will present a thesis. *Contact hour shall be defined as 35 in the department.*

Medical Microbiology Option

	Level 800 – Masters by Thesis		
SN	Unit Code and Title	Sem1	Sem2
1	SBT 808: Molecular Genetics		+
2	SBT 850: Advanced Mycology	+	
3	SCU 800: Research Methods for Pure and Applied Sciences	+	
4	SCU 801: Scientific Data Analysis		+
5	SMB 800: Advanced Virology	+	
6	SMB 801: Advanced Bacteriology		+
7	SMB 802: Microbial Physiology		+
8	SMB 803: Pathogenic Microbiology	+	
9	SMB 804: Animal Virology	+	
10	SMB 807: Immunology and Serology		+
11	SMB 810: Thesis	Year 2	

Environmental Microbiology Option

	Level 800 – Masters by Thesis		
SN	Unit Code and Title	Sem1	Sem2
1	SBT 808: Molecular Genetics		+
2	SBT 850: Advanced Mycology	+	
3	SCU 800: Research Methods for Pure and Applied Sciences	+	
4	SCU 801: Scientific Data Analysis		+
5	SMB 800: Advanced Virology	+	
6	SMB 801: Advanced Bacteriology		+
7	SMB 802: Microbial Physiology		+
8	SMB 808: Environmental Microbiology	+	
9	SMB 809: Water Resources and Water Pollution	+	
11	SMB 810: Thesis	Year 2	
10	SMB 812: Biotechnological Aspects of Microbial Ecology	+	

Industrial Microbiology Option

	Level 800 – Masters by Thesis		
S N	Unit Code and Title	Sem1	Sem2
1	SBT 808: Molecular Genetics		+
2	SBT 850: Advanced Mycology	+	
3	SCU 800: Research Methods for Pure and Applied Sciences	+	
4	SCU 801: Scientific Data Analysis		+
5	SMB 800: Advanced Virology	+	
6	SMB 801: Advanced Bacteriology		+
7	SMB 802: Microbial Physiology		+
8	SMB 810: Thesis	Year 2	

9	SMB 816: Fermentation Technology	+	
10	SMB 817: Pharmaceutical Technology	+	
11	SMB 818: Food Microbiology		+

Doctor of Philosophy (Ph.D.)

The Doctor of Philosophy (Ph.D.) degree is offered by research and thesis. The programme shall extend over a period of at least three years but not exceeding four years from the date of registration.

Level 900 – PhD		
S N	Unit Code and Title	Year of Study
1	SMB 900: Thesis	1-3

16.2 Department of Chemistry

Program Duration and Structure:

Bachelor of Science (Industrial Chemistry with Management)

B.Sc. /B.Ed. (Science) *Contact hour shall be defined as 35 in the department.*

Programme structure and duration: 13:13:13:13=52

Level 100				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1.	SCH 100: Fundamentals of Chemistry	+		
2.	SCH 101: Introduction to Physical Chemistry		+	
3.	SCH 102: Organic Chemistry I		+	
4.	SCH 103: Laboratory Management and Chemical Analysis	+		
Level 200				
1.	SCH 200: Atomic Structure and Chemical Bonding	+		SCH 100
2.	SCH 201: Chemical Thermodynamics	+		SCH 101
3.	SCH 202: Organic Chemistry II		+	SCH 102
4.	SCH 203: Principles of Spectroscopic		+	
Level 300				
1.	SCH 300: Comparative Study of S- and P- Block Elements	+		SCH 200
2.	SCH 302: Chemistry of Aromatic Compounds		+	SCH 202
3.	SCH 303: Stereochemistry and Conformational Analysis	+		SCH 202
4.	SCH 305: Chemical Kinetics	+		SCH 101
5.	SCH 307: Elementary Group Theory			
6.	SCH 308: Statistical Thermodynamics		+	
7.	SCH 309: Introduction to Photochemistry	+		
8.	SCH 310: Radiochemistry and Radiation Chemistry		+	
9.	SCH 311: Organic Spectroscopy	+		SCH 203

10.	SCH 321: Research Methods		+	
11.	SCH 322: Transition Metal Chemistry (B.Ed.)		+	
12.	SCH 326: Chemistry of d- and f- Block Elements (B.Sc.)	+		
Level 400				
1.	SCH 401: Principles of Electrochemistry		+	SCH 101
2.	SCH 402: Concepts of Organic Synthesis	+		SCH 303
3.	SCH 403: Phase Equilibria	+		SCH 201
4.	SCH 404: Instrumental Methods	+		SCH 304
5.	SCH 405: Industrial Chemistry		+	
6.	SCH 406: Surface and Colloid Chemistry		+	
7.	SCH 407: Environmental Chemistry		+	
8.	SCH 408: Quantum Chemistry	+		
9.	SCH 409: Structural Chemistry			
10.	SCH 410: Introduction to Natural Products Chemistry	+		
11.	SCH 411: Heterocyclic Chemistry	+	+	
12.	SCH 412: Introduction to Ligand Field Theory		+	
13.	SCH 413: Medicinal Chemistry I		+	
14.	SCH 415: Electronic Measurements and Signal Processing	+		
15.	SCH 416: Project	+	+	
16.	SCH 432: Organometallic Chemistry		+	
17.	SCH 434: Bioanalytical Chemistry		+	

B.Sc. (Industrial Chemistry with Management)

Level 100				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	BAC 100: Fundamentals of Accounting I	+		
2.	BBA 100: Business Studies	+		
3	BBA 101: Business Law I	+		
4	BBA 102: Principles of Management		+	
5.	SCH 100: Fundamentals of Chemistry	+		
6.	SCH 101: Introduction to Physical Chemistry		+	
7.	SCH 102: Organic Chemistry I		+	
8.	SCH 103: Introduction to Classical Analysis and Separation Techniques	+		
9.	SCH 107: Introduction to Industrial Chemistry		+	
10	SCT 100: Fundamentals of Computing		+	
11	SMA 102: Basic Mathematics			
12	SMA 104: Calculus I	+		
13	SMA 160: Probability and Statistics I		+	
Level 200				
1	BAC 202: Cost Accounting I	+		

2.	BAC 203: Business Finance I	+		
3.	BBA 200: Organizational Behaviour	+		
4.	BBA 201: Principles of Marketing		+	
5.	SCH 200: Atomic Structure and Chemical Bonding	+		SCH 100
6.	SCH 201: Chemical Thermodynamics	+		SCH 101
7.	SCH 202: Organic Chemistry II		+	SCH 102
8.	SCH 205: Plant Economics and Industrial Management		+	
9.	SCH 206: Units Operations I		+	SCH 107
10.	SCH 207: Introduction to Computational Chemistry		+	SCH 200
11.	SCT 101: Programming Techniques		+	
12.	SMA 200: Calculus II	+		
13.	SMA 260: Probability and Statistics II	+		
Level 300				
1	BAC 300: Management of Accounting I	+		
2	BBA 300: organizational Theory	+		
3.	BBA 301: Human Resource Management I		+	
4.	BBA 303: Marketing Strategies and Plans	+		
5.	SCH 300: Comparative Study of S and P Block Elements	+		SCH 200
6.	SCH 304: Introduction to Analytical Instrumentation		+	
7.	SCH 305: Chemical Kinetics	+		SCH 101
8.	SCH 317: Material and Energy Balance		+	
9.	SCH 319: Food Based Industries	+		
10.	SCH 320: Industrial/Institutional Attachment		+	
11	SCH 321: Research Methods		+	
12	SCH 322: Transition Metal Chemistry		+	
13	SCH 323: Unit Operations II		+	
14	SCH 325: Petrochemical Industries		+	
Level 400				
1.	BBA 400: Business Policy and Decisions	+		
2.	BBA 401: Company Law	+		
3.	BBA 402: Management of International Business and Organization		+	
4.	BMS 401: Production and Operations Management	+		
5.	SCH 415: Computer Applications in Chemistry		+	
6.	SCH 416: Project	+	+	
7.	SCH 420: Pharmaceuticals, Industrial and Agricultural Chemicals	+		
8.	SCH 421: Reactor Design	+		
9.	SCH 422: Polymer Chemistry		+	
10.	SCH 423: Food Chemistry	+		
11	SCH 424: Industrial Catalysis		+	
12	SCH 425: Unit Operations III	+		

13	SCH 426: Chemical Process and Equipment Design		+	
14	SCH 429: Applied Electrochemistry		+	
15.	SCH 430: Industrial Instrumental Techniques		+	
16.	SCH 431: Industrial and Non-Industrial Processes and the Environment		+	

B.Sc. (Analytical Chemistry with Management)

Level 100				
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	BAC 100: Fundamentals of Accounting I	+		
2.	BBA 100: Business Studies	+		
3.	BBA 101: Business Law I	+		
4.	BBA 102: Principles of Management		+	
5.	SCH 100: Fundamentals of Chemistry	+		
6.	SCH 101: Introduction to Physical Chemistry		+	
7.	SCH 102: Organic Chemistry I		+	
8.	SCH 104: Introduction to Laboratory Procedures and Classical Analysis	+		
9	SCH 106: Quality Assurance and Laboratory Management		+	
10.	SCT 100: Fundamentals of Computing		+	
11	SMA 102: Basic Mathematics	+		
12	SMA 104: Calculus I	+		
13	SMA 160: Probability and Statistics I		+	
Level 200				
1.	BAC 202: Cost Accounting I		+	
2.	BAC 203: Business Finance I		+	
3.	BBA 200: Organizational Behaviour		+	
4.	BBA 201: Principles of Marketing		+	
5.	SCH 200: Atomic Structure and Chemical Bonding	+		SCH 100
6.	SCH 201: Chemical Thermodynamics	+		SCH 101
7.	SCH 202: Organic Chemistry II		+	SCH 102
8.	SCH 203: Principles of Spectroscopy		+	
9.	SCH 204: Separation Techniques		+	
10	SCH 207: Introduction to Computational Chemistry		+	SCH 200
11	SMA 200: Calculus II	+		
12	SMA 260: Probability and Statistics II	+		
13	SCT 101: Programming Techniques		+	
Level 300				
1	BAC 300: Management of Accounting I	+		
2	BBA 300: Organizational Theory	+		

3	BBA 301: Human Resource Management I		+	
4	BBA 303: Marketing Strategies and Plans	+		
5.	SCH 300: Comparative Study of S and P Block Elements	+		SCH 200
6.	SCH 301: Coordination and Organometallic Chemistry		+	
7.	SCH 304: Introduction to Analytical Instrumentation		+	
8.	SCH 305: Chemical Kinetics	+		SCH 101
9.	SCH 309: Introduction to Photochemistry	+		
10.	SCH 310: Radiochemistry and Radiation Chemistry		+	
11	SCH 311: Organic Spectroscopy	+		SCH 203
12	SCH 315: Concepts of Biotechnology		+	
13	SCH 320: Industrial/Institutional Attachment	+	+	
14	SCH 321: Research Methods		+	
Level 400				
1	BBA 400: Business Policy and Decisions	+		
2.	BBA 401: Company Law	+		
3	BBA 402: Management of International Business and Organization		+	
4.	BMS 401: Production and Operations Management	+		
5.	SCH 400: Comparative Study of Transition elements		+	SCH 301
6.	SCH 401: Principles Electrochemistry		+	SCH 101
7.	SCH 403: Phase Equilibria	+		SCH 201
8.	SCH 406: Surface and Colloid Chemistry	+		
9.	SCH 407: Environmental Chemistry		+	
10.	SCH 409: Structural Chemistry		+	
11.	SCH 415: Computer Applications in Chemistry		+	
12.	SCH 416: Project	+	+	
13.	SCH 417: Spectroscopic Methods of Analysis	+		
14.	SCH 418: Non-Spectroscopic Methods of Analysis		+	
15.	SCH 422: Polymer Chemistry		+	
16.	SCH 423: Food Chemistry	+		

M.Sc. (Applied Analytical Chemistry)

Level 800			
SN	Unit Code and Title	Sem 1	Sem 2
1.	SCH 811: Environmental Chemistry	+	
2.	SCH 815: Mineral Processing and Recycling Processes		+
3.	SCH 851: Analytical Separation Techniques		+
4.	SCH 852: Heterogeneous Kinetics and Equilibria	+	
5	SCH 854: Analytical Spectroscopy I	+	
6.	SCH 855: Analytical Spectroscopy II		+
7.	SCH 856: Analytical Electrochemical Techniques	+	

8.	SCH 857: Special Analytical Techniques		+
9.	SCH 860: Laboratory Quality Assurance	+	
10.	SCU 800: Research Methodology	+	
11.	SCU 801: Scientific Data Analysis		+
12.	SCH 810: Thesis	Year 2	
13.	SCH 900: Ph.D Thesis	3 Years	

M.Sc. (Chemistry)

Level 800			
SN	Unit Code and Title	Sem 1	Sem 2
1.	SCH 800: Advanced Separation Techniques and Data Analysis		+
2.	SCH 801: Advanced Instrumental Analysis		+
3.	SCH 802: Advanced Coordination Chemistry	+	
4.	SCH 803: Advanced Chemical Thermodynamics	+	
5.	SCH 804: Modern Synthesis Organic Chemistry	+	
6.	SCH 813: Advanced Photochemistry	+	
7.	SCH 815: Mineral Processing and Recycling Processes		+
8.	SCH 820: Current Topics in Inorganic Chemistry	+	
9.	SCH 822: Advanced Bioinorganic Chemistry	+	
10.	SCH 823: Advanced Group Theory	+	
11.	SCH 824: Advanced Quantum Chemistry	+	
12.	SCH 826: Advanced Solid State Chemistry	+	
13.	SCH 827: Advanced Organometallic Chemistry and Catalysis		+
14.	SCH 828: Molecular Modelling and Simulations		+
15.	SCH 830: Advanced Physical Organic Chemistry	+	
16.	SCH 831: Proteins and Carbohydrates Chemistry	+	
17.	SCH 832: Natural Products		+
18.	SCH 834: Advanced Stereochemistry and Conformational Analysis		+
19.	SCH 837: Advanced Heterocyclic Chemistry		+
20.	SCH 841: Advanced Electrochemistry		+
21.	SCH 842: Advanced Chemical Kinetics		+
22.	SCH 843: Current Trends in Physical Chemistry		+
23.	SCU 800: Research Methodology	+	
24.	SCH 810: Thesis	Year 2	
25.	SCH 900: Ph.D Thesis	3 Years	

16.3 Department of Mathematics and Actuarial Science

Bridging Course in Mathematics

Programme structure and Duration

The course will be for one semester (12weeks).A student can only take a maximum of two (2) subjects in one semester. Each subject shall consist of five units. Each unit will take four (4) hours per week. This includes practicals/tutorials.

SN	Unit Code And Unit Title	Sem1	Sem2
1.	MAB 001:Business Mathematics	+	+
2.	MAB 002:Algebra	+	+
3.	MAB 003:Calculus	+	+
4.	MAB 004:Probability and Statistics	+	+
5.	MAB 005:Geometry	+	+

Bachelor of Science; Bachelor of Arts; Bachelor of Education

Programmes Structure

Regular 3:3:3:3-4 mathematics unit in each year. Major

In mathematics 3:3:3:3-4 units in year one and year 2, six units in year 3 and 4.Minor in mathematics 3:3:3:3-4 units in a year 1 and 2, two units in year 3 and 4.

SN	Unit Code and Unit title	Sem1	Sem2	Prerequisites
Level 100				
1.	SMA 100 Mathematics for Science I	+		
2.	SMA 101 Mathematics for Science II		+	
3.	SMA 102 Basic Mathematics (Core)	+		
4.	SMA 103 Analytic Geometry (Core)			
5.	SMA 104 Calculus I (Core)	+	+	
6.	SMA 190 Introduction to computers	+		
7.	SMA 191 Introduction to Computer Programming		+	SMA 190
8.	SST 101/SMA 160 Introduction to Probability & Statistics (Core)		+	
Level 200				
9.	SMA 200:Calculus II (Core)	+		SMA 104
10.	SMA 201:Calculus III		+	SMA 104
11.	SMA 202 :Linear Algebra I (Core)	+		SMA 102
12.	SMA 203:Linear Algebra II		+	SMA 202
13.	SMA 204:Algebraic Structures		+	
14.	SMA 230:Vector Analysis	+	+	SMA 200
15.	SMA 231:Dynamic I		+	
16.	SST 204/SMA 260:Probability and Statistics I	+		

17.	SST 205/SMA 261:Probability and Statistics II		+	
Level 300				
18.	SMA 300:Real Analysis I (Core)	+		SMA 200
19.	SMA 301:Real Analysis II		+	SMA 300
20.	SMA 302:Group Theory	+		SMA 204
21.	SMA 303:Ring Theory		+	SMA 302
22.	SMA 304:Number Theory		+	
23.	SMA 305:Complex Analysis I		+	SMA 200
24.	SMA 330:Numerical Analysis I	+	+	SMA 200
25.	SMA 331:Dynamic II		+	SMA 231
26.	SMA 332:Methods of Applied Mathematics		+	SMA 200
27.	SMA 333:Fluid Mechanics I	+		SMA 230
28.	SMA 334:Fluid Mechanics II		+	SMA 333
29.	SMA 335:Ordinary Differential Equations I (Core)	+		SMA 200
30.	SMA 336:Ordinary Differential Equations II		+	SMA 335
31.	SMA 390:Scientific Programming		+	SMA 191
32.	SMA 391:Object Oriented Program		+	
33.	SMA 392:Database Systems		+	SMA 191
34.	SMA 393:Industrial Attachment		+	SMA 290
35.	SMA394:Theory of Computation		+	
36.	SST 201/SMA 362:Operations Research I		+	SMA 201 SMA 160
37.	SST 304/SMA 360:Multivariate Statistical Methods I	+		
38.	SST 305/SMA 361:Theory of Estimation	+		
39.	SST 306/SMA 363:Tests of Hypothesis I		+	
40.	SST 307/SMA 364:Applied Statistical Methods		+	
41.	SST 308/SMA 365:Design and Analysis of Sample Surveys		+	
42.	SST 407/SMA 366:Quality Control Methods	+		
Level 400				
43.	SMA 400:Topology I	+		SMA 300
44.	SMA 401:Topology II		+	SMA 400
45.	SMA 402:Field Theory	+		SMA 302
46.	SMA 403:Galois Theory		+	SMA 402
47.	SMA 404:Complex Analysis II	+		SMA 305
48.	SMA 405:Group Theory II		+	
49.	SMA 406:Functional Analysis	+		SMA 301
50.	SMA 407:Measure & Integration		+	SMA 300
51.	SMA 408:Linear Algebra IV		+	
52.	SMA 409:Algebraic Geometry		+	SMA 402
53.	SMA 430:Numerical Analysis II		+	SMA 330
54.	SMA 431:Differential Geometry	+	+	SMA 202

55.	SMA 432:Partial Differential Equations I	+		SMA 335
56.	SMA 433:Partial Differential Equations II		+	SMA 432
57.	SMA 434:Gas Dynamics		+	SMA 333
58.	SMA 436:Methods of Fluid Mechanics		+	SMA 334
59.	SMA 437:Methods of Applied Mathematics II		+	SMA 332
60.	SMA 438:Biomathematics	+		SMA 335
61.	SMA 490:Systems Analysis Design		+	SMA 291
62.	SMA 492:Commercial Programming		+	SMA 191
63.	SMA 493:Development of Software Engineering		+	SMA 393
64.	SST 409/SMA 460:Stochastic Processes	+		
65.	SST 410/SMA 461:Operations Research II		+	
66.	SST 411/SMA 463:Time Series Analysis	+		
67.	SST 412/SMA 464:Design and Analysis Experiments	+		
68.	SST 413/SMA 465:Measure and Probability	+		
69.	SST 414/SMA 466:Multivariate Statistical Methods II		+	
70.	SST 415/SMA 467:Tests of Hypothesis II		+	

Bachelor of Science (Mathematics and Computer Science)

Program Structure

13:13:13:12=51 units in total

SN	Unit Code and Unit Title	Sem1	Sem2	Prerequisites
Level 100				
1.	SCO 100:Computer Fundamentals	+		
2.	SCO 104:Computer Organization & Architecture I		+	
3.	SCO 106:Electronics		+	
4.	SCO 113:Foundations of Artificial Intelligence		+	
5.	SMA 102:Basic Mathematics	+		
6.	SMA 103:Analytic Geometry	+		
7.	SMA 104:Calculus I	+	+	
8.	SMA 130:Introduction to Electronics	+		
9.	SMA 191:Introduction to Computer Programming		+	SMA 190
10.	SST 101/SMA 160:Introduction to Probability & Statistics		+	
11.	SST 102:Discrete Mathematics	+		
12.	UCU 100:Communication Skills			
13.	UCU 103:Introduction to Critical and Creative Thinking			
14.	UCU 104:Entrepreneurship			

Level 200				
15.	SCO 107:Operating Systems		+	
16.	SCO 202:Event Driven Programming	+		
17.	SCO 203:Software Testing & Quality Assurance		+	
18.	SCO 204:Data Structures and Algorithms	+		
19.	SMA 200:Calculus II	+		SMA 104
20.	SMA 201:Calculus III		+	SMA 104
21.	SMA 202:Linear Algebra I	+		SMA 102
22.	SMA 203:Linear Algebra II		+	SMA 202
23.	SMA 204:Algebraic Structures		+	
24.	SMA 230:Vector Analysis	+	+	SMA 200
25.	SMA 231:Dynamic I		+	
26.	SST 204/SMA 260:Probability & Statistics I	+		SMA 160
27.	SST 205/SMA 261:Probability & Statistics II		+	SMA 260
Level 300 [Pure Mathematics Option]				
Core Units				
1.	SCO 206:Database System		+	
2.	SCO 300:Computer Networks	+		
3.	SCO 307:Human Computer Interface	+		
4.	SMA 300:Real Analysis I	+		SMA 200
5.	SMA 301:Real Analysis II		+	SMA 300
6.	SMA 302:Group Theory	+		SMA 204
7.	SMA 303:Ring Theory		+	SMA 302
8.	SMA 305:Complex Analysis I		+	SMA 200
9.	SMA 335:Ordinary Differential Equations I	+		SMA 200
10.	SMA 390:Scientific Programming		+	SMA 191
11.	SMA 391:Object Oriented Program	+		
Elective Units				
1.	SCO 305:Computer Graphics		+	
2.	SCO 207:Web Development Technologies		+	
3.	SMA 304:Number Theory		+	
4.	SMA 399:Industrial/Institutional Attachment	+	+	
Level 300: Applied Mathematics Option				
Core Units				
1.	SCO 206:Database Systems		+	
2.	SCO 300:Computer Networks	+		
3.	SCO 307:Human Computer Interface	+		
4.	SMA 300:Real Analysis 1	+		SMA 200
5.	SMA 305:Complex Analysis I		+	SMA 200
6.	SMA 330:Numerical Analysis I	+	+	SMA 200
7.	SMA 333:Fluid Mechanics I	+		SMA 230

8.	SMA 335:Ordinary Differential Equations I	+		SMA 200
9.	SMA 336:Ordinary Differential Equations I		+	SMA 335
10.	SMA 390:Scientific Programming		+	SMA 191
11.	SMA 391:Object Oriented Program	+		
Elective Units				
1.	SCO 207:Web Development Techniques		+	
2.	SCO 305:Computer Graphics		+	
3.	SMA 332:Methods of Applied Mathematics I		+	SMA 200
4.	SMA 334:Fluid Mechanics II		+	SMA 333
5.	SMA 399:Industrial/ Institutional Attachment	+	+	
Level 300: Statistics Option				
Core Units				
1.	SCO 206:Database Systems	+		
2.	SCO 300:Computer Networks		+	
3.	SCO 307:Human Computer Interface	+		
4.	SMA 300:Real Analysis 1	+		SMA 200
5.	SMA 305:Complex Analysis I		+	SMA 200
6.	SMA 335:Ordinary Differential Equations I	+		SMA 200
7.	SMA 390:Scientific Programming		+	SMA 191
8.	SMA 391:Object Oriented Program	+		
9.	SST 305/SMA 361:Theory of Estimation	+		SMA 261
10.	SST 306/SMA 363:Tests of Hypothesis I		+	SMA 361
11.	SST 308/SMA 365:Design and Analysis of Sample Surveys I		+	SMA 361
Elective Units				
1.	SCO 207:Web Development Technologies		+	
2.	SCO 305:Computer Graphics		+	
3.	SMA 399:Industrial/Institutional attachment	+	+	
Level 400: Pure Mathematics Option				
Core Units				
1.	SCO 406:Computer Systems Security		+	
2.	SCO 408:Information Systems Management		+	
3.	SCO 412:Mobile Computing and Wireless Technology	+		
4.	SMA 400:Topology I	+		SMA 300
5.	SMA 401:Topology II		+	SMA 400
6.	SMA 402:Field Theory	+		SMA 302
7.	SMA 404:Complex Analysis II	+		SMA 305
8.	SMA 406:Functional Analysis	+		SMA 301
9.	SMA 407:Measure and Integration		+	SMA 300
10.	SMA 496:Simulation and Modelling / SCO 303	+		
Elective Units				

1.	SCO 407:Multimedia Technologies		+	
2.	SCO 411:Neural Networks		+	
3.	SMA 403:Galois Theory		+	SMA 402
4.	SMA 409:Algebraic Geometry	+		SMA 402
5.	SMA 490:System Analysis and Design		+	SMA 291
6.	SMA 499:Project (equivalent to two units)	+	+	
Level 400: Applied Mathematics Option				
Core Units				
1.	SCO 406:Computer System Security		+	
2.	SCO 408:Information Systems Management		+	
3.	SCO 412:Mobile Computing and Wireless Technology		+	
4.	SMA 430:Numerical Analysis II	+		SMA 330
5.	SMA 431:Differential Geometry		+	SMA 202
6.	SMA 432:Partial Differential Equations I	+		SMA 335
7.	SMA 433:Partial Differential Equations II		+	SMA 432
8.	SMA 496:Simulation and Modelling /SCO 303	+		
Elective Units				
1.	SCO 407:Multimedia Technologies		+	
2.	SCO 411:Neural Networking	+		
3.	SMA 434:Gas Dynamics	+		SMA 333
4.	SMA 437:Method of Applied Mathematics II	+		SMA 332
5.	SMA 490:System Analysis and Design		+	SMA 291
6.	SMA 499:Project (equivalent to two units)	+	+	
Level 400: Statistics Option				
Core Units				
1.	SCO 406:Computer Systems Security		+	
2.	SCO 408:Information Systems Management		+	
3.	SCO 412:Mobile Computing and Wireless Technology		+	
4.	SMA 496:Simulation and Modelling / SCO 303	+		
5.	SST 409 /SMA 460:Stochastic Processes	+		SMA 260
6.	SST 411/SMA 463:Time Series Analysis	+		SMA 363
7.	SST 412/SMA 464:Design and Analysis of Experiments	+		SMA 363
8.	SST 413/SMA 465:Measure & Probability	+		SMA 300
9.	SST 415/SMA 467:Tests of Hypothesis		+	SMA 303
Elective Units				
10.	SST 414/SMA 466:Multivariate Statistical Method II	+		SMA 360
11.	SMA 490:System Analysis and Design		+	SMA 291
12.	SCO 407:Multimedia Technologies		+	
13.	SCO 411:Neural Networking	+		
14.	SMA 499:Project (equivalent to two units)	+	+	

Master of Science (Pure Mathematics)

SN	Unit Code And Unit Title	Sem1	Sem2
Core Units			
1.	SMA 800:Measure and Integration I	+	
2.	SMA 802:Functional Analysis I	+	
3.	SMA 804:Topology I	+	
4.	SMA 806:Group Theory I	+	
5.	SMA 808:Complex Analysis I	+	
6.	SMA 814:Project in Pure Mathematics	+	+
Elective Units			
7.	SMA 801:Measure and Integration II		+
8.	SMA 803:Functional Analysis II		+
9.	SMA 805:Topology II		+
10.	SMA 807:Group Theory II		+
11.	SMA 809:Complex analysis II		+
12.	SMA 811:Differential Topology I	+	
13.	SMA 812:Differential Topology II		+
14.	SMA 813:Non-Commutative Rings		+
15.	SMA 815:Homological Algebra		+
16.	SMA 816:Operator Theory I	+	
17.	SMA 817:Operator Theory II		+
18.	SMA 818:Application of Linear Algebra	+	
19.	SMA 819:Commutative Algebra	+	
20.	SMA 820:Representation theory	+	
21.	SMA 821:Coding Theory		+
22.	SMA 822:Summability Theory		+
23.	SMA 823:Combinatorial Theory and Applications		+
24.	SMA 824:Operator Algebra		+
25.	SMA 825:C*-algebra	+	
26.	SMA 826:Algebraic Topology I	+	
27.	SMA 827:Algebraic Topology II		+
28.	SMA 828:Graph Theory		+
29.	SMA 829:Matrix Algebra		+

Master of Science (Applied Mathematics)

SN	Unit Code and Unit Title	Sem1	Sem2
Core Units			
1.	SMA 802:Functional Analysis I	+	
2.	SMA 808:Complex Analysis I	+	
3.	SMA 830:Differential Equations I	+	

4.	SMA 832:Fluid Mechanics I	+	
5.	SMA 834:Numerical Analysis I	+	
6.	SMA 859:Project in Applied Mathematics (2 units)	+	+
Elective Units			
1.	SMA 831:Differential Equations II		+
2.	SMA 833:Fluid Mechanics II		+
3.	SMA 835:Numerical Analysis II		+
4.	SMA 836:Mathematical Hydrology		+
5.	SMA 837:Method of Applied Mathematics		+
6.	SMA 838:Lubrication and Boundary Layer Theory		+
7.	SMA 839:Mathematical Ecology		+
8.	SMA 840:Differential Geometry		+
9.	SMA 841:Partial Differential Equations I	+	
10.	SMA 842:Partial Differential Equations II		+
11.	SMA 843:Riemannian Geometry I	+	
12.	SMA 844:Riemannian Geometry II		+
13.	SMA 845:Fluid Mechanics III	+	
14.	SMA 846:Fluid Mechanics IV		+
15.	SMA 847:Numerical Analysis III	+	
16.	SMA 848:Numerical Analysis IV	+	
17.	SMA 849:Dynamical Systems	+	
18.	SMA 850:Finite Element Methods	+	
19.	SMA 851:Finite Element Methods II	+	
20.	SMA 852:Mathematical Epidemiology	+	

Doctor of Philosophy (Pure Mathematics)

1.	SMA 900 :Thesis	+	+

Doctor of Philosophy (Applied Mathematics)

2.	SMA 930:Thesis	+	+

Bsc. Statistics and Programming

Program Structure and Duration

This is a four year course and in each year of study a student will be required to take a minimum of twelve (12) units specified by the Department. The student will also be required to take four (4) University common units in the first two years of study. For a student to be classified to graduate, the student must have done and passed 52 units in regular mode of study. For assessment and examinations, the University regulations and examinations shall apply.

Programme Structure and Duration: 14:13:13:12 = 52 units in total

SN	Level 100 - Unit Code and Title	Sem1	Sem2	Prerequisites
1.	ASC 100: Introduction to Sociology	+		
2.	EET 100: Elements of Microeconomics	+		
3.	EET 101: Elements of Macroeconomics		+	
4.	SMA 102: Basic Mathematics	+		
5.	SMA 103: Analytical Geometry	+		
6.	SMA 104: Calculus I		+	
7.	SMA 190: Introduction to Computers	+		
8.	SMA191: Introduction to Computer programming		+	
9.	SST 100: Introduction to Business and Social Statistics		+	
10.	SST 101: Introduction to Probability & Statistics	+		
11.	SST 102: Discrete Mathematics		+	
12.	SST103: Linear Algebra I		+	
13.	UCU 100: Communication Skills	+		
14.	UCU 104: Entrepreneurship		+	
Level 200				
15.	SCS 209: Internet Technology	+		
16.	SMA 200: Calculus II	+		
17.	SMA 201: Calculus III		+	
18.	SMA 203: Linear Algebra II		+	
19.	SMA 204: Algebraic Structures		+	
20.	SST 200: Introduction to Computer Interactive Statistics	+		
21.	SST 201: Operations Research I		+	SMA 201 SMA 160
22.	SST 202: Object Oriented Programming	+		SMA 191
23.	SST 203: Database Systems		+	SMA 190
24.	SST 204: Probability and Statistics I	+		
25.	SST 205: Probability and Statistics II		+	
26.	SST 206: Introduction To Data Science And Analytics	+		
27.	UCU 103: Introduction to Critical and Creative Thinking	+		
Level 300				
28.	SMA 300: Real Analysis I	+		
29.	SMA 330: Numerical Analysis I	+		
30.	SMA 335: Ordinary Differential Equations I	+		
31.	SST 300: Econometrics I		+	SMA 261
32.	SST 301: Programming Language for Statistics I	+		
33.	SST 302: Programming Language for Statistics II		+	
34.	SST 303: Research Methodology	+		

35.	SST 304: Multivariate Statistical Methods I		+	
36.	SST 305:Theory of Estimation	+		
37.	SST 306:Tests of Hypothesis I		+	
38.	SST 307:Applied Statistical Methods		+	
39.	SST 308:Design and Analysis of Sample Surveys I		+	
40.	SST 310:Industrial Attachment	May-August		
Level 400				
41.	SST 400: Demography and Vital Statistics		+	SMA 160
42.	SST 406 :Statistical programming		+	
43.	SST 409 :Stochastic Processes	+		
44.	SST 411 :Time series Analysis	+		
45.	SST 412 :Design and Analysis of Experiments	+		
46.	SST 413 :Measure and Probability	+		
47.	SST 414 :Multivariate Statistical Methods II		+	
48.	SST 415 :Tests of Hypothesis II		+	
49.	SST 416 :Data Science and Analytics I	+		
50.	SST 417 :Data Science and Analytics II		+	
51.	SST 420 :Project (One unit)	+		
Elective Units				
52.	SST 401:Decision Theory	+		SMA 361
53.	SST 402 :Bayesian Statistics		+	SMA 261
54.	SST 403 :Non-Parametric Estimation		+	SMA 361
55.	SST 404 :Econometrics II	+		SST 300
56.	SST 405 :Econometrics III		+	SST 404
57.	SST 407 :Quality Control Methods		+	SMA 260
58.	SST 408 :Design and Analysis of Sample Surveys II	+		
59.	SST 410 :Operations Research II		+	

Bsc. Actuarial Science

Programme and Duration of study

This is a four years programme under regular mode of study. For a student to graduate with B.Sc in Actuarial Science, he/she must have done and passed in 48 departmental units and 4 University common units. In year one of study a student will be required to take three (3) University common units and twelve (12) Departmental Units. In years two, three and four students will be required to do twelve (12) Departmental units in each year under regular mode of study. For assessment and examinations, the University common regulations on examinations shall apply.

Programme Structure and Duration: 14:13:13:12 = 52 units in total

SN	Level 100 – Unit Code and Title	Sem1	Sem2
1.	EET 100 Elements of Microeconomics	+	

2.	EET 101 Elements of Macroeconomics		+
3.	SAC 100 Principles of Actuarial Science	+	
4.	SAC 101 Fundamentals of Actuarial Mathematics		+
5.	SAC 102 Mathematical Modelling	+	
6.	SMA 102 Basic Mathematics	+	
7.	SMA 103 Analytical Geometry	+	
8.	SMA 104 Calculus I		+
9.	SMA 191 Introduction to computer programming		+
10.	SST 100 Introductions to Business and Social Statistics		+
11.	SST 101 Introduction to Probability and Statistics	+	
12.	SST 103 Linear Algebra I		+
13.	UCU 100 Communication Skills	+	
14.	UCU 101 Development Studies		+
Level 200			
15.	SAC 201 Principles of Law	+	
16.	SAC 202 Models in Actuarial Mathematics	+	
17.	SAC 203 Actuarial Mathematics I		+
18.	SAC 204 Risk Management	+	
19.	SAC 205 Financial Mathematics	+	
20.	SAC 206 Computational Actuarial Science		+
21.	SMA 200 Calculus II	+	
22.	SMA 201 Calculus III		+
23.	SMA 203 Linear Algebra II		+
24.	SST 201 Operations Research I		+
25.	SST 204 Probability and Statistics I	+	
26.	SST 205 Probability and Statistics II		+
27.	UCU 103 Introduction to Critical and Creative Thinking	+	
Level 300 – Core Units			
28.	SAC 300 Stochastic Differential Equations	+	
29.	SAC 301 Actuarial Mathematics II	+	
30.	SAC 304 Pension Mathematics		+
31.	SAC 305 Investment and Asset Management I		+
32.	SAC 306 Life Assurance		+
33.	SAC 307 Financial Economics		+
34.	SAC 308 General Insurance	+	
35.	SAC 310 Economic Time Series Modelling	+	
36.	SAC 311 Financial Time Series Analysis		+
37.	SST 305 Theory of Estimation	+	
38.	SST 306 Tests of Hypothesis I		+
Electives			
1.	SMA 330 Numerical Analysis I	+	

2.	SST 304 Multivariate Statistical Methods I	+	
3.	SST 307 Applied Statistical Methods		+
4.	SST 308 Designs and Analysis of Sample Surveys I		+
Level 400 – Core Units			
39.	SAC 401 Survival Models		+
40.	SAC 402 Principles of Financial Management	+	
41.	SAC 404 Investments and Asset Management II		+
42.	SAC 405 Loss Distributions and Credibility Theory		+
43.	SAC 406 Computational Finance	+	
44.	SAC 407 :Project in Actuarial Science	+	
45.	SAC 409: Risk Theory	+	
46.	SAC 410: Probability Modelling		+
47.	SST 409 :Stochastic Processes	+	
Electives			
1.	SAC 400 :Mathematics of Demography and Graduation		+
2.	SST 410 :Operations Research II		+
3.	SST 412 :Designs and Analysis of Experiments	+	
4.	SST 414: Multivariate Statistical Methods II		+
5.	SST 415 :Tests of Hypothesis II		+

Master of Science in Statistics

Programme Structure and Duration of the Course

The Master of Science in Statistics shall be by course work, examination and project. The course extends over a period of at least eighteen (18) months. In the first year of study, students will take eight units. In the second year, students will take six units and a project (equivalent to two units). Students will carry out a research on an approved topic.

Master of Science (Statistics)

SN	Unit Code and Title	Sem1	Sem2
Core units			
1.	SCU800:Research Methodology for Pure and Applied science	+	
2.	SST 800: Design of Experiments I	+	
3.	SST 801: Design of Experiments II		+
4.	SST 802: Multivariate Analysis	+	
5.	SST 803 Computational Statistics		+
6.	SST 804: Sample Surveys		+
7.	SST 805: Theory of Estimation	+	
8.	SST 806: Hypothesis Testing		+
9.	SST 807: Stochastic Processes I	+	
10.	SST 829: Project in Statistics (two units)	+	+

	Elective Units		
11.	SST 808: Stochastic Processes II	+	
12.	SST 809: Non-parametric Inference		+
13.	SST 810: Non-Parametric Regression	+	
14.	SST 811: Decision Theory		+
15.	SST 812: Probability Theory	+	
16.	SST 813 Bayesian Inference	+	
17.	SST 814: Time Series Analysis		+
18.	SST 815: Statistical Modelling	+	
19.	SST 816: Regression Analysis		+
20.	SST 818: Order Statistics		+
21.	SST 820: Demographic Techniques		+
22.	SST 822: Contingency Tables Analysis		+
23.	SST 823: Survival Analysis	+	

Master of Science in Biostatistics

Structure and duration of the course

The Master of Science in Biostatistics shall be by course work, examination and a thesis OR course work, examination and a dissertation. The course extends over a period of at least eighteen (18) months. In the first year of study, students who will take a dissertation will take eight units. Those who will take thesis will do ten units of which six will be core and four will be electives.

Students following coursework, examination and dissertation will take six units in the second year. The students following coursework examination and thesis will concentrate on their research work in specific topics and submit a thesis in the second year.

SN	Unit Code and Title	Sem1	Sem2
	Core Units		
1.	SCU800: Research Methodology for Pure and Applied sciences	+	
2.	SST 822: Contingency Table Analysis		+
3.	SST 860: Biostatistical Methods I	+	
4.	SST 861: Biostatistical Methods II		+
5.	SST 862: Applied Probability		+
6.	SST 863: Bayesian Inference	+	
7.	SST 864: Applied General Linear Models		+
	Elective Units		
1.	SST 823: Survival Analysis	+	
2.	SST 866: Observational Studies		+
3.	SST 867: Sampling Applications	+	
4.	SST 868: Statistical Methods for Epidemiology	+	
5.	SST 870: Applied Multivariate Methods		+

6.	SST 871: Statistical Methods in Biological Assays		+
7.	SST 872: Robust Statistical Techniques		+
8.	SST 873: Stochastic Processes in Biostatistics	+	
9.	SST 874: Statistical Genetics		+
10.	SST 875: Clinical Trials	+	
11.	SST 879: Thesis in Biostatistics		+

Master of Science in Social Statistics

Structure and Duration of the Course

The programme will take eighteen (18) months and not more than 3 calendar years. The Master of Science in Social Statistics shall be by course work, examination and dissertation. In the first year of study, students will take eight units. In the second year, students will take six units and a dissertation (equivalent to two units).

SN	Unit Code and Title	Sem1	Sem2
1.	SCU 800: Research Methodology	+	
2.	SST 820: Demographic Methods I		+
3.	SST 823: Survival Methods	+	
4.	SST 830: Survey Design Methods	+	
5.	SST 831: Contemporary Demographic Issues		+
6.	SST 833: Sample Survey Theory		+
7.	SST 836: Applied Statistical Modelling		+
8.	SST 840: Statistical Computing	+	
9.	SST 841: Applied Contingency Table Analysis		+
10.	SST 842: Analysis of Repeated Measures.		+
11.	SST 849: Project in Social Statistics (Two units)	+	+
12.	SST 863: Statistical Inference I	+	
13.	SST 866: Observational Studies	+	
14.	SST 870 : Applied Multivariate Methods	+	
15.	SST 872: Statistical Inference II		+

Doctor of Philosophy

PhD in Statistics

PhD in Social Statistics

PhD in Biostatistics

The common School of Pure and Applied Sciences regulation for the degree of Doctor of Philosophy shall apply for each of the areas of specializations.

*	SST 900: PhD thesis in Statistics		
*	SST 910: PhD thesis in Biostatistics		
*	SST 920: PhD thesis in Social Statistics		

16.4 Department of Physics

All the units offered in these programs cover 35 Hours.

Bachelor of Science Pure Physics and Bachelor of Science Applied Physics

Programme Structure and Duration

Units offered for B.Sc. (Pure Physics) and B.Sc. (Applied Physics) programs-Physics Majors

Students taking B.Sc.(Pure Physics) degree program will take pure physics units in the third and fourth years of study.

Students taking B.Sc.(Applied Physics) degree program will take two units in pure physics and the rest of the units in one area of specialization, namely Electronic and Instrumentation, Environmental Physics, Geophysics, and Material Science in the third and fourth years of study.

	Level 100			
SN	Unit Code and Title	Sem 1	Sem 2	Prerequisites
1	SPH 100:Mechanics I	+		
2	SPH 101: Electricity and Magnetism I		+	
3	SPH 102:Waves and Optics		+	
4	SPH 103: Mathematics for Physics	+		
	Level 200			
SN	Unit code and Title			
1	SPH 200:Mechanics II	+		SPH 100
2	SPH 201: Electricity and Magnetism II		+	SPH 101
3	SPH 202:Modern Physics		+	
4	SPH 203: Thermal Physics I	+		
	Level 300			
SN	Unit Code and Title	Sem 1	Sem 2	
Core Units				
1	SPH 300: Wave Theory	+		
2	SPH 301: Quantum Mechanics I	+		
3	SPH 302: Structure and Properties of Matter		+	
4	SPH 303: Practical Physics I		+	
	Elective Units			
5	SPH 304:A.C. Circuit Theory	+		
6	SPH 307: Thermal Physics II		+	SPH 203
6	SPH 308: Mathematical Physics	+		SPH 103
7	SPH 340:Semi-Conductor Physics and Devices	+		

8	SPH 341: Digital Electronics and Devices		+	
9	SPH 350: Principles of Environmental Physics		+	
10	SPH 351: Physics of Environment and Energy	+		
11	SPH 360: Introductory Geophysics	+		
12	SPH 361: Geology for Geophysics		+	
13	SPH 370: Physics of Materials	+		
14	SPH 371: Introduction to Polymer Science		+	
	Level 400			
SN	Unit Code and Title	Sem 1	Sem 2	
Core Units				
1	SPH 400:Classical Mechanics		+	
2	SPH 401:Electrodynamics		+	
3	SPH 402:Quantum Mechanics II (<i>Prerequisite SPH 100</i>)			+
4	SPH 403:Practical Physics II			+
Electives				
1.	SPH 420: Condensed Matter Physics I			+
2.	SPH 424: Maser and Lasers		+	
3.	SPH 425:Nuclear Physics			+
4.	SPH 441:Microprocessor Applications(<i>Prerequisite SPH 340</i>)		+	
5.	SPH 442:Instrumentation Systems(<i>Prerequisite SPH 341</i>)			+
6.	SPH 450:Atmospheric Physics(<i>Prerequisite SPH 350</i>)			+
7.	SPH 451:Radiation and Environment(<i>Prerequisite SPH 351</i>)		+	
8.	SPH 460:Applied Geophysics I(<i>Prerequisite SPH 360</i>)		+	
9.	SPH 461:Applied Geophysics II(<i>Prerequisite SPH 361</i>)			+
10.	SPH 470:Materials for Solar Energy Applications(<i>Prerequisite SPH 370</i>)		+	
11.	SPH 471:Plastics and Rubber Technology(<i>Prerequisite SPH 371</i>)			+

Electives Units as per the area of Specialization

Pure Physics-SPH 304 SPH 307 SPH 308 SPH 420 SPH 424 SPH 425

Electronics and Instrumentation –SPH 340 SPH 341 SPH 441 SPH 442

Environmental Physics-SPH 350 SPH 351 SPH 450 SPH 451

Geophysics SPH 360 SPH 361 SPH 460 SPH 461

Materials Science SPH 370 SPH 371 SPH 470 SPH 471

Bachelor of Science Telecommunication and Information Technology

	Level 100		
SN	Unit Code and Title	Sem 1	Sem 2
1	SCH 100: Fundamentals of Inorganic Chemistry	+	
2	SCH 101: Introduction to Physical Chemistry		+
3	SMA 103: Analytical Geometry	+	
4	SMA 104: Calculus I	+	
5	SMA 160: Probability and Statistics I		+
6	SMA 191: Introduction to Computer Programing		+
7	SPH 100:Mechanics I	+	
8	SPH 101: Electricity and Magnetism I		+
9	SPH 102:Waves and Optics		+
10	SPH 103: Mathematics for Physics	+	
11	SPH 104: Introduction to Telecommunications	+	
12	SPH 105: Applied Physics Labs I		+
13	UCU 103: Critical Thinking	+	
14	UCU 100: Communication Skills	+	
15	UCU 106		+
	Level 200		
S N	Unit code and tittle	Sem1	Sem2
1	SCH 200: Atomic Structure and Chemical Bonding	+	
2	SCH 203: Theory of Spectroscopic Methods		+
3	SMA 200: Calculus II(<i>Prerequisite SMA 104</i>)	+	
4	SMA 201: Calculus III(<i>Prerequisite SMA 200</i>)		+
5	SPH 200:Mechanics II(<i>Prerequisite SPH 100</i>)	+	
6	SPH 201: Electricity and Magnetism II(<i>Prerequisite SPH 101</i>)		+
7	SPH 202:Modern Physics		+
8	SPH 203: Thermal Physics I	+	
9	SPH 204: Applied Physics Labs. II		+
10	SPH 205: Mathematical Physics(<i>Prerequisite SPH 103</i>)	+	
11	SPH 206: Semiconductor Physics and Devices	+	
12	SPH 207: Digital Electronics and Devices		+

	Level 300		
SN	Unit Code and Title	Sem 1	Sem 2
1	BBA310:Entrepreneurship & Small Business Management		+
2	SPH 300: Wave Theory	+	
3	SPH 304:A.C. Circuit Theory	+	
4	SPH 310:Signal Processing	+	
5	SPH 311: Ionospheric Physics		+
6	SPH 312:Computer Architecture and Organisation	+	

7	SPH 313:Transmission lines	+	
8	SPH 314:Microwaves and Devices		+
9	SPH 315:Electrodynamics	+	
10	SPH 316:Information Technology I		+
11	SPH 317:Electroacoustics		+
12	SPH318:Telecommunications and Information Technology Labs I		+
13	SPH 319Industrial Attachment I		+

	Level 400		
SN	Unit Code and Title	Sem 1	Sem 2
1	SPH 405:Communication Systems	+	
2	SPH 406:Information Technology II(<i>Prerequisite SPH 316</i>)	+	
3	SPH 407:Wave guides	+	
4	SPH 408:Antennas	+	
6	SPH 409:Computer programming	+	
7	SPH418:Telecommunications and Information Technology Labs II		+
8	SPH 419:Industrial Attachment II and Project (Two Units)		+
5	SPH 424:Masers and Lasers	+	
9	SPH 431:Internet technology		+
10	SPH 432:Computers and communications		+
11	SPH 433:Interface Designs		
12	SPH 434:Microprocessor and Applications I	+	+
13	SPH 437:Optical Communication Systems		+
14	SPH 438:Colour and Image Processing		+
15	SPH 444 :Satellite Communications I		+

Master of Science in Physics

Duration and Pattern

In the First year of study all the five units are core units while in the second semester the students will take SPH 803 and PUCU 800 in addition to three units in the area of specialization namely Theoretical Physics, Environmental Physics, Geophysics and Material Science.

	Level 800		
First Year			
SN	Unit Code and Title	Sem 1	Sem 2
1.	PUCU 800:Research Methods		+
2.	SPH 800:Classical Mechanics	+	
3.	SPH 801:Electrodynamics	+	
4.	SPH 802:Quantum Mechanics	+	
5.	SPH 803:Statistical Mechanics		+
6.	SPH 804:Mathematical Methods in Physics	+	

7.	SPH 805:Computer Applications and Data Analysis	+	
8.	SPH 808:Atomic Collision I		+
9.	SPH 809:Atomic Collision II		+
10.	SPH 819: Thin Film Technology		+
11.	SPH 832:Environmental Monitoring Techniques		+
12.	SPH 833:Advanced Atmospheric Physics		+
13.	SPH 835:Physics of the Earth's Interior		+
14.	SPH 836:Applied Geophysics I		+
15.	SPH 837:Applied Geophysics II		+
16.	SPH846: Photo-conductivityand Photoluminescence of Materials		+
17.	SPH 847:Solar Energy Materials		+
18.	SPH 858:Radiation Physics		+
19.	SPH 866:Advanced Mathematical Physics		+
Second Year			
20	SPH 810 M.Sc.(Thesis)	+	+

Master of Science (Electronics and Instrumentation)

Programme Structure

	Level 800		
S N	Unit Code and Title	Sem 1	Sem 2
First Year			
1	PUCU 800 Research Methods		+
2	SPH 801 Electrodynamics	+	
3	SPH 804 Mathematical Methods in Physics	+	
4	SPH 805 Computer applications and Data analysis	+	
5	SPH 820 Analogue Circuits		+
6	SPH 821 Digital Systems and Circuits	+	
7	SPH 822 Microcomputer Systems and Applications	+	
8	SPH 823 Solid State Electronics		+
9	SPH 824 Digital Communication Technology		+
10	SPH 825 Laser Electronics		+
11	SPH 826 Communication Electronics and devices	+	
12	SPH 827 Instrumentation and Control Systems		+
Second Year			
13	SPH 810 Thesis	+	+

PhD Programme

The common School of Pure and Applied Sciences and University rules and regulations for the degree of Philosophy other than honorary degrees shall apply.

SPH 900 (By research work only in any of the above areas of specialization which should be summarized in form of a PhD thesis)

16.5 Department of Plant Science

Bachelor of Science (B.Sc.)

Programme Structure and Duration

In the first year the combination of courses to be taken in the Department of Plant Sciences is the same for all students. In the second year a student must take four courses (three of which are core) as well as four courses in each of two other Science departments. In the third and fourth years, the combination may vary as shown below:

3:3:1:1 Major – Twelve PS units in each of the third and fourth years.

3:3:2:1 Major – Eight PS units and four units from another department in the third year, and twelve PS units in the fourth year.

3:3:2:2 Major – Eight PS units and four units from another department in each of the third and fourth years.

3:3:2:2 Regular – Six PS units and six units from another department in each of the third and fourth years.

3:3:2:2 Minor – Four PS units and eight units from another department in each of the third and fourth years.

3:3:2:0 Minor – Four PS units and eight units from another department in the third year, and no PS units in the fourth year.

The 3:3:1:1 and 3:3:2:1 Major programmes will be offered at the discretion of the department

University Common Units

UCU100: Communication Skills

UCU 103: Introduction to Critical and Creative Thinking

Choose one

UCU 101: Development Studies

UCU104: Introduction to Entrepreneurship (chosen by SPAS)

UCU 106: Ethics, Citizenship and Diversity

Contact hour per unit is 35 hours with exception of SBT 400 which is 70 contact hours

List of Units

SN	Level 100 - Unit code and title	Sem1	Sem2
1	SBT 100: Cellular Basis of Life	+	
2	SBT 101: Survey of the Plant Kingdom		+
3	SBT 102: Plant Morphology and Anatomy		+

4	SBT 103: Botanical Techniques	+	
SN	Level 200		
1	SBT 200: Plant Ecology (core)		+
2	SBT 201: Plant Function (core)	+	
3	SBT 204: Pteridophytes and Bryophytes	+	
4	SBT 205: Phytopathogens		+
5	SMB 200: General Microbiology (core) (formerly SBT 202)		+

SN	Level 300 - Unit code and title	Sem1	Sem2	Prerequisites
1	SBT 300: Cell Biology and Genetics	+		
2	SBT 301: Taxonomy of Higher Plants		+	
3	SBT 302: Mycology	+		
4	SBT 303: Principles of Plant Pathology		+	
5	SBT 304: Biosystematics and Palynology		+	
6	SBT 306: Economic Botany	+		
7	SBT 307: Biostatistics (Compulsory for Botany major students)	+		
8	SBT 308: Plant Growth and Development	+		
9	SBT 309: Advanced Plant Ecology		+	SBT 200
10	SBT 310: Plant Biochemistry and Physiology		+	SBT 201
11	SMB 300: Bacteriology	+		

SN	Level 400 - Unit code and title	Sem1	Sem2	Prerequisites
1	SBT 400: Research Project (2 units over 2 semesters)	+	+	SBT 307
2	SBT 401: General Genetics		+	
3	SBT 402: Phycology	+		
4	SBT 403: Ecophysiology		+	
5	SBT 404: Phytochemistry		+	
6	SBT 405: Morphogenesis and Developmental Anatomy		+	
7	SBT 407: Arid Land Ecology	+		SBT 200 SBT 309
8	SBT 410: Marine Botany		+	SBT200 SBT309 SBT411
9	SBT 411: Aquatic Botany	+		SBT200 SBT309
10	SBT 418: Microbial Genetics		+	
11	SBT 419: Cytogenetics and Molecular Biology		+	SBT100 SBT300
12	SBT 420: Biotechnology	+		SBT100 SBT300
13	SBT 421: Plant Breeding	+		SBT100 SBT300
14	SBT 422: Virology		+	

15	SBT 423: Diagnosis and Control of Plant Diseases		+	
16	SBT 424:Pesticides	+		
17	SBT425: Cell and Tissue Culture		+	
18	SMB 402: Environmental Microbiology		+	
19	SMB 402: Environmental Microbiology	+		

Bachelor of Science (Conservation Biology)

Programme Structure and Duration:

The programme takes four years. In each year of study, a student will be required to take all the twelve (12) core units. Each student will also be required to enrol for the required University Common Units.

During the fourth year of study, student will be required to take a project lasting two semesters. The project will be equivalent to 2 taught units.

University Common Units

UCU100: Communication Skills

UCU 103: Introduction to Critical and Creative Thinking

UCU104: Introduction to Entrepreneurship

Contact hour per unit is 35 hours except SCB 400 which is 70 hours Project (2 units over 2 semesters)

List of Units

SN	Unit code and title	Sem1	Sem2
1	AGE 102: Physical Geography 1		+
2	SBT 101: Survey of Plant Kingdom		+
3	SCB 100: Man and Wilderness	+	
4	SCB 210: Evolution and conservation	+	
5	SMA 100: Mathematics for Science 1		+
6	SMR 100: Introduction to Cell Biology and Genetics		+
7	SMR 101: Plant Structure and Physiology		+
8	SMR 102: Natural History of East Africa		+
9	SMR 103:History of the East African Coast	+	
10	SMR 105:Physical and Inorganic Chemistry	+	
11	SMR 106: Ecological Principles	+	
12	SZL 100: General Zoology		+

SN	Level 200	Sem1	Sem2
1	AGE 306: Climatology	+	
2	ENS 347: Energy Resources & Management Technology	+	
3	ESU 305: Environmental Economics	+	

4	KCU 202: Basic Soil Science	+	
5	SCB 104: Laboratory and Field Techniques In Ecology	+	
6	SCB 105: Computer Applications in Ecology	+	
7	SCB 201: Introduction To Aquatic Systems		+
8	SCB 203: Tropical Rainforest Ecology		+
9	SCB 204: Introduction to Fisheries, Forestry & Wildlife Resources		+
10	SCB 206: Population and Community Ecology		+
11	SMR 205: Ecological Anthropology	+	
12	SMR 209: Principles of Resource Management		+

SN	Level 300	Sem1	Sem2
1	AGE 317: Geographic Information Systems		+
2	ASC 403: Environmental Sociology	+	
3	ENS 457: Arid and Semi Arid Lands Development	+	
4	ERC 304: Agro-forestry Systems & Practices	+	
5	SCB 300 : Wetland Ecology and Management		+
6	SCB 301: Tropical Ecology and Conservation		+
7	SCB 302: Conservation Principles		+
8	SCB 305: Restoration Ecology (New)		+
9	SCB 307: Conservation of Genetic Resources		+
10	SCB 309: Conservation Areas In Kenya	+	
11	SMR 300: Research Methods and Biostatistics	+	
12	SMR 305: Wildlife Ecology and Management	+	

SN	Level 400 - Course title	Sem1	Sem2
1	ESU 300: Environmental Impact Assessment and Auditing	+	
2	ESU 301: Environmental Policy and law	+	
3	SCB 400: Project (2 units over 2 semesters)	+	+
4	SCB 403: Emerging Global Environmental Issues	+	
5	SCB 405: Tropical Landscape Ecology and Management		+
6	SCB 406: Conservation and Management of Aquatic Resources		+
7	SCB 407: Biodiversity And Conservation Biology		+
8	SCB 408: Biological Resource Management	+	
9	SCB 409: Ecosystem Management	+	
10	SCB 410: Dry land Agriculture	+	
11	SMR 410: Nature Based Enterprises and Tourism		+

Bachelor of Education (Science)

Programme structure and duration:

In each year of study, students are required to take courses in the School of Education in addition to a programme of courses in the School of Pure and Applied Sciences. Students taking Plant Sciences and Zoological Sciences will be required to take three units from each of the two Departments in each year. In addition to these, they must take two units in each academic year in a second teaching subject (Geography, Chemistry or Mathematics) and four University Common Units. With the exception of SBT 400 all PS courses carry one unit.

Contact hours per unit is 35 hours except SCB 400 which is 70 hours (Project (2 units over 2 semesters))

List of Units

SN	Core	Elective (Choose One)
1	UCU 100: Communication Skills	UCU 101: Development Studies
2	UCU 103: Introduction to critical and Creative Thinking.	UCU104: Introduction to Entrepreneurship

SN	Level 100	Sem1	Sem2	Prerequisites
1	SBT 100: Cellular Basis of Life	+		
2	SBT 101: Survey of the Plant Kingdom		+	
3	SBT 102: Plant Morphology and Anatomy		+	
	Level 200			
4	SBT 200: Plant Ecology		+	
5	SBT 201: Plant Function	+		
6	SMB 200: General Microbiology	+		
	Level 300	Sem1	Sem2	
7	SBT 300: Cell Biology and Genetics (core)	+		
8	SBT 301: Taxonomy of Higher Plants (core)		+	
9	SBT 302: Mycology	+		
10	SBT 303: Principles of Plant Pathology		+	
11	SBT 304: Biosystematics and Palynology		+	
12	SBT 306: Economic Botany	+		
13	SBT 307: Biostatistics (Compulsory for Botany major students)	+		
14	SBT 308: Plant Growth and Development	+		

15	SBT 309: Advanced Plant Ecology		+	SBT200
16	SBT 310: Plant Physiology and Biochemistry.		+	SBT201
17	SMB 300: Bacteriology	+		

SN	Level 400: Unit Codes and Titles	Sem1	Sem2	Prerequisites
1	SBT 400: Research Project (2 units over 2 semesters)	+	+	SBT 307
2	SBT 401: General Genetics	+		
3	SBT 402: Phycology	+		
4	SBT 403: Ecophysiology		+	
5	SBT 404: Phytochemistry		+	
6	SBT 405: Morphogenesis and Developmental Anatomy		+	
7	SBT 407: Arid Land Ecology	+		SBT200 SBT309
8	SBT 410: Marine Botany		+	SBT200 SBT309 SBT411
9	SBT 411: Aquatic Botany	+		SBT200 SBT309
10	SBT 418: Microbial Genetics		+	
11	SBT 419: Cytogenetics and Molecular Biology		+	SBT100, SBT300
12	SBT 420: Biotechnology	+		SBT100, SBT300
13	SBT 421: Plant Breeding	+		SBT100, SBT300
14	SBT 422: Virology		+	
15	SBT 423: Diagnosis and Control of Plant Diseases		+	
16	SBT 424: Pesticides	+		
17	SBT425: Cell and Tissue Culture		+	
18	SMB 402: Environmental Microbiology		+	

Masters Programmes

Programme Structure and Duration

The programme shall extend over a period of eighteen months from date of registration and shall consist of coursework examination and thesis. During the first year of study a student shall take a minimum of eight units and a maximum of ten units. In year two, a student shall concentrate on research work and submit the thesis for examination.

Contact hours per unit is 35 hours except SCB 810 which is 350 hours

List of Units

SN	Unit code and title (Common for all M.Sc. Programmes)	Sem1	Sem2
1	SBT 810: Thesis	Year 2	
2	SCU 800: Research Methodology	+	
3	SCU 801: Scientific Data Analysis		+

M.Sc. (Genetics)

SN	Unit code and title	Sem1	Sem2
1	SBT 802: Advanced Botanical Techniques (Core)	+	
2	SBT 835: Special Topics in Genetics (Core)		+
3	SBT808: Molecular Genetics (core)		+
Elective Units (choose 5)			
4	SBT 828: Developmental Genetics	+	
5	SBT 829: Population Genetics	+	
6	SBT 830: Genome Organization, expression and regulation	+	
7	SBT 831: Principles of Genetic Analysis	+	
8	SBT 832: Recombinant DNA and Gene Manipulation		+
9	SBT 833: Human Genetics		+
10	SBT 834: Biotechnology		+

M.Sc. (Plant Physiology and Biochemistry)

SN	Unit code and title	Sem1	Sem2
1	SBT 802: Advanced Botanical Techniques (Core)	+	
2	SBT 846: Special Topics in Plant Physiology and Biochemistry		+
Elective units (Choose 6)			
3	SBT 840: The Physiology of Plant Growth and Development	+	
4	SBT 841: Plant Water Relationships	+	
5	SBT 842: Photosynthesis	+	
6	SBT 843: Ecophysiology		+
7	SBT 844: Biochemistry of Plant Products	+	
8	SBT 845: Biopolymers		+

M.Sc. (Plant Ecology)

SN	Unit code and title	Sem1	Sem2
1	SBT 862: Ecological Techniques (Core)	+	
2	SBT 867: Special Topics in Plant Ecology (Core)		+
Elective Units (choose 6)			
3	SBT 861: Dynamics of Plant Communities	+	
4	SBT 863: Ecology of Freshwater Macrophytes	+	
5	SBT 864: Ecology of Freshwater Algae	+	
6	SBT 865: Marine Vegetation		+

7	SBT 866: Ecology of Phytoplankton		+

M.Sc. (Developmental Botany)

SN	Unit code and title	Sem1	Sem2
1	SBT 802: Advanced Botanical Techniques (Core)	+	
2	SBT 874: Special Topics in Developmental Botany (Core)		+
Elective Units (choose 5)			
3	SBT 840: The Physiology of Plant Growth and Development	+	
4	SBT 844: Biochemistry of Plant Products		+
5	SBT 871: Advanced Morphogenesis & Developmental Anatomy	+	
6	SBT 872: Reproductive Botany	+	
7	SBT 873: Research Methods in Developmental Botany		+

M.Sc. Plant Taxonomy

SN	Unit code and title	Sem1	Sem2
1	SBT 802: Advanced Botanical Techniques (Core)	+	
2	SBT 878: Advanced Nomenclature and Classification(core)	+	
3	SBT 879: Herbarium Techniques and Identification (core)		+
4	SBT 887: Special Topics in Taxonomy		+
Elective (choose 4)			
5	SBT 872: Reproductive Botany	+	
6	SBT 880: Advanced Taxonomy	+	
7	SBT 881: Climatology	+	
8	SBT 882: Evolution and Speciation Genetics		+
9	SBT 883: Plant Communities of East Africa		+
10	SBT 884: Phytogeography and Paleoecology	+	
11	SBT 886: The Flora of East Africa		+

M.Sc. Ethnobotany

SN	Unit code and title	Sem 1	Sem 2
1	SBT 802: Advanced Botanical Techniques (Core)	+	
2	SBT 891: General Taxonomy (Core)		+
3	SBT 892: Introduction to Useful Plants (Core)	+	
4	SBT 899: Special Topics in Ethnobotany (Core)		+
Electives (choose 4)			
5	SBT 844: Biochemistry of Plant Products	+	
6	SBT 893: Medicinal Plants	+	
7	SBT 894: Food Plants and Food Additives	+	
8	SBT 895: Ornamental Plants		+
9	SBT 896: Plant Domestication		+
10	SBT 897: Forensic Botany		+
11	SBT 898: Commercial Utilization of Plants	+	

Doctor of Philosophy Programmes

Programme Structure and Duration

The programme is offered by research and thesis. It shall extend over a period of three years and not exceed four years from date of registration. The student shall concentrate on research work and submit the thesis for examination.

List of Programmes

Level 900 (PhD) - SBT 900: Thesis
Doctor of Philosophy (Genetics)
Doctor of Philosophy (Ethnobotany)
Doctor of Philosophy (Plant Ecology)
Doctor of Philosophy (Plant Physiology and Biochemistry)
Doctor of Philosophy (Plant Ecology)
Doctor of Philosophy (Developmental Botany)
Doctor of Philosophy (Plant Pathology)
Doctor of Philosophy (Plant Taxonomy)

16.6 Department of Zoological Sciences

All the units offered in these programs cover 35 Hours.

Bachelor of Science

Duration and Pattern of the Programme

The Bachelor of Science degree shall consist of course work and examination. The programme will take a minimum period of four years. In addition to the university common units for SPAS students, in year one and two a student shall take two units from a combination of three Department of school of pure and applied Sciences. In year three of study, a student shall drop one or two department, and selects elective units provided under different areas of specialization in one or two departments.

SN	Level 100 - Unit Code and Title	Sem1	Sem2
1	SZL 100: General Zoology		+
2	SZL 101: Introduction to Ecology and Bio analysis	+	
3	SZL 103: Introduction to Histology		+
4	SZL 105: Laboratory Methods and techniques in Zoology	+	
5	UCU 100 Communication Skills		
6	UCU103 Introduction to Creative and Critical Thinking		

SN	Level 200 - Unit Code and Title	Sem1	Sem2
1	SZL 200: Vertebrate Zoology		+
2	SZL 201: Invertebrate Zoology	+	
3	SZL 202: Comparative Physiology	+	
4	SZL 205: Principles of Biochemistry	+	
5	SZL 206: Principles of Molecular Genetics		+

6	SZL 207: Essentials of Cell Biology		+
7	UCU 104 Entrepreneurship		
SN	Level 300 - Unit Code and Title	Sem1	Sem2
1	SZL 300: Biostatistics (Core)	+	
2	SZL 301: History & Philosophy of Biology]		+
3	SZL 302: Animal Ecology	+	
4	SZL 303: Essentials of Molecular Biology		+
5	SZL 305: Comparative Endocrinology		+
6	SZL 306: Human Biology	+	
7	SZL 307: Fundamentals of Immunology (<i>prerequisite to SZL 407,408</i>)	+	
8	SZL 308: Arthropod Biology (<i>Pre-requisite to SZL 403 & 404</i>)	+	
9	SZL 312: Limnology (<i>Pre-requisite to SZL 401 & 402</i>)		+
10	SZL 315: Introduction to Parasitology (<i>Pre-requisite to SZL 405 & 406</i>)		+
11	SZL 316: Principles of Med. Microbiology		+
12	SZL304: Evolutionary Biology (Core)		+

SN	Level 400 - Unit Code and Title	Sem1	Sem2
1	SZL 400: Research Project (2 units)	+	+
2	SZL 401: Fisheries Resource Management	+	
3	SZL 402: Marine Ecology		+
4	SZL 403: General Entomology	+	
5	SZL 405: Medical Protozoology	+	
6	SZL 408: Applied Immunology		+
7	SZL 409: Environmental Physiology	+	
8	SZL 410: Neuroendocrinology		+
9	SZL 412: Applied Ecology		+
10	SZL 413: Population Genetics	+	
11	SZL 415: Ecology for Sustainable Development		+
12	SZL404: Integrated Pest & Vector Management		+

Bachelor of Education (Science) with second teaching subject (Biology Majors)

Program Structure and Duration: 13:13:13:13 = 52 units in total

*Including the 3 University Common Units

Biology Majors

SN.	Level 100 - Unit code and title	Sem1	Sem2
1	SZL 100: General Zoology (Core)		+
2	SZL 101: Introduction to Ecology and Bio-analysis (Core)	+	
3	SZL 105: Laboratory Methods and techniques in Zoology (Core)	+	
4	UCU 100 Communication Skills		
5	UCU 103: Introduction to Critical and Creative Thinking		

SN	Level 200 - Unit code and Title	Sem1	Sem2
1	SZL 200: Vertebrate Zoology(Core)		+
2	SZL 201: Invertebrate Zoology(Core)	+	
3	SZL 202: Comparative Physiology	+	
4	SZL 203: Developmental Biology		+
5	SZL 206: Principles of Molecular Genetics		+
6	SZL 207: Essentials of Cell Biology		+
7	UCU 104: Entrepreneurship		
SN.	Level 300 - Unit code and title	Sem1	Sem2
1	SZL 300: Biostatistics (Core)	+	
2	SZL 301: History & Philosophy of Biology		+
3	SZL 302: Animal Ecology	+	
4	SZL 303: Essentials of Molecular Biology		+
5	SZL 305: Comparative Endocrinology		+
6	SZL 306: Human Biology	+	
7	SZL 307: Fundamentals of Immunology	+	
9	SZL 308: Arthropod Biology	+	
10	SZL 312: Limnology		+
11	SZL 315: Introduction to Parasitology		+
12	SZL304: Evolutionary Biology (Core)		+

SN.	Level 400 - Unit code and title (All courses are electives)	Sem1	Sem2
1	SZL 400: Research Project (2 units)	+	+
2	SZL 402: Marine Ecology		+
3	SZL 403: General Entomology	+	
4	SZL 407: Advanced Immunology	+	
5	SZL 408: Applied Immunology		+
6	SZL 409: Environmental Physiology	+	
7	SZL 412: Applied Ecology		+
8	SZL 413: Population Genetics	+	
9	SZL 415: Ecology for Sustainable Development		+

Biology Minors

SN	Level 100 - Unit code and title	Sem1	Sem2
1	SZL 100: General Zoology (Core)		+
2	SZL 105: Laboratory Methods and techniques in Zoology (Core)	+	
3	UCU 100 Communication Skills		
4	UCU103 Introduction to Creative and Critical Thinking		
	Level 200	Sem1	Sem2
1	SZL 200: Vertebrate Zoology(Core)		+
2	SZL 201: Invertebrate Zoology(Core)	+	

3	UCU 104: Entrepreneurship		
	Level 300	Sem1	Sem2
1	SZL 306: Human Biology	+	
2	SZL304: Evolutionary Biology (Core)		+
	Level 400	Sem1	Sem2
1	SZL 401: Fisheries Resource Management		
2	SZL 402: Marine Ecology		
3	SZL 403: General Entomology		
4	SZL 405: Medical Protozoology		
5	SZL 406: Medical Helminthology		
6	SZL 409: Environmental Physiology	+	
7	SZL 410: Neuroendocrinology		
8	SZL 412: Applied Ecology	+	
9	SZL 413: Population Genetics		
10	SZL 415: Ecology for Sustainable Development		
11	SZL404: Integrated Pest & Vector Management		

Bachelor of Science (Biology)

Programme Structure and Duration: 14:13:12:12 = 51 Units in Total

Duration and Pattern of the Programme

The Bachelor of Science (Biology) degree shall consist of course work and examination. The programme will take a minimum period of four years. In addition to the university common units for SPAS students, in year one, a student shall take four units from the Department of Zoological Sciences, three from the Department of Plant Sciences, three from Chemistry Department and two from the Department of Mathematics. In year two, a student shall take 7 units from the Department of Zoological Sciences, 4 from the Department of Plant Sciences and one from Department of Microbiology. In year three of study, a student shall take 8 core units from Department of Zoological Sciences and Department of Plant Sciences and choose any 4 electives. In year four, a student shall undertake a mandatory project that comprises of two units, and select any 10 elective units provided under different areas of specialization.

SN	Level 100 - Unit Code and Title	Sem 1	Sem2
1	SBT 100 Cellular Basis of Life	+	
2	SBT 101 Survey of Plant Kingdom		+
3	SBT 102 Plant morphology and Anatomy		+
4	SCH 100 Fundamentals of Inorganic Chemistry	+	
5	SCH 101 Introduction to Physical Chemistry		+
6	SCH 102 Organic Chemistry		+
7	SMA 100 Mathematics for Science I	+	
8	SMA 101 Mathematics for Science II		+

9	SZL 100 General Zoology		+
10	SZL 101 Introduction to Ecology and Bioanalysis	+	
11	SZL 103 Introduction to Histology		+
12	SZL 106 Laboratory Methods in Biology	+	
13	UCU 100 Communication Skills	+	
14	UCU 104 Entrepreneurship		+
15	UCU103 Introduction to Creative and Critical Thinking	+	

SN	Level 200 - Unit Code and Title	Sem1	Sem2
1	SBT 200: Plant Ecology		+
2	SBT 201: Plant Function	+	
3	SBT 204: Pteridophytes and Bryophytes	+	
4	SBT 205: Phytopathogens		+
5	SMB 200: General Microbiology		+
6	SZL 200: Vertebrate Zoology		+
7	SZL 201: Invertebrate Zoology	+	
8	SZL 202: Comparative Physiology	+	
9	SZL 203: Developmental Biology		+
10	SZL 205: Principles of Biochemistry	+	
11	SZL 207: Essentials of Cell Biology		+
12	SZL 208: Computer Applications n Biology	+	

SN	Level 300 - Unit Code and Title	Sem1	Sem2
1	SBT 300: Cell Biology and Genetics (Core)	+	
2	SBT 301: Taxonomy of Higher Plants (Core)		+
3	SBT 303: Principles of Plant Pathology(Elective)		+
4	SBT 309 Advanced Plant Ecology(Core)		+
5	SBT 310: Plant Physiology and Biochemistry(Core)		+
6	SMB 300: Bacteriology	+	
7	SZL 300: Biostatistics (Core)	+	
8	SZL 303: Essential of Molecular Biology		+
9	SZL 304: Evolutionary Biology(Core)		+
10	SZL 306: Human Biology(Core)	+	
11	SZL 307: Fundamentals of Immunology(Core)	+	
12	SZL 308: Arthropod Biology(Elective	+	
13	SZL 312: Limnology		+
14	SZL 315: Introduction to Parasitology (Elective)		+
15	SZL 316: Medical Microbiology (Elective)	+	
SN	Level 400 - Unit Code and Title	Sem 1	Sem 2
1	SZL 400: Research Project (2 units)	+	+
	Electives		
2	SZL 401: Fisheries Resource Management	+	

3	SZL 402: Marine Ecology		+
4	SZL 403: General Entomology	+	
5	SZL 404: Integrated Pest & Vector Management		+
6	SZL 405: Medical Protozoology	+	
7	SZL 406: Medical Helminthology		+
8	SZL 407: Advanced Immunology	+	
9	SZL 408: Applied Immunology		+
10	SZL 409: Environmental Physiology	+	
11	SZL 410: Neuroendocrinology		+
12	SZL 411: Theoretical Ecology		+
13	SZL 415: Ecology for Sustainable Development		+
14	SZL 416: Physiology of Wild Mammals		+

Unit Code	Areas of specialization						
	Ecology	Aquatic Biology and Fisheries	Biomedical and Molecular Biology	Entomology and Pest Control	Physiology and Anatomy	Genetics	Microbiology
SBT 401				+	+		
SBT 402		+				+	
SBT 403				+			
SBT 404				+			
SZL 401		+					
SZL 402		+					
SZL 403				+			
SZL 404				+			
SZL 405			+				+
SZL 406			+				+
SZL 407			+				+
SZL 408			+				+
SZL 409					+		
SZL 410					+		
SZL 411	+						
SZL 412	+					+	
SZL 413	+						
SZL 414	+						
SZL 415	+						
SZL 416							
SBT 405							+
SBT 406							

Unit Code	Areas of specialization						
	Ecology	Aquatic Biology and Fisheries	Biomedical and Molecular Biology	Entomology and Pest Control	Physiology and Anatomy	Genetics	Microbiology
SBT 407	+						
SBT 408	+						
SBT 409	+						
SBT 410	+						
SBT 411	+						
SBT 412			+				+
SBT 415					+		
SBT 416					+		
SBT 418			+			+	
SBT 419			+			+	
SBT 420			+			+	
SBT 421						+	
SBT 422							+
SBT 423				+			
SBT 425						+	
SBT417						+	
SMB 401			+				+
SMB 402			+				+
SMB 402			+				+

Bachelor of Science (Coastal and Marine Resource Management)

Programme structure and Duration: 14:13:12:12: = 51 units in total

Duration and Pattern of the Programme

The Bachelor of Science (Coastal and Marine Resource Management) degree shall consist of course work and examination. The programme will take a minimum period of four years. In addition to the university common units for SPAS students, a student shall take 12 units in the first year of study, 13 units in second year, 12 in the third year, and a mandatory attachment in industry. In the fourth year, a student shall take a compulsory project that comprises of two units, and 11 prescribed units.

SN	Level 100 - Unit code and title	Sem1	Sem2
1	AGE 102: Physical Geography I		+
2	SBT 101: Survey of Plant Kingdom		+
3	SCB 100: Man and Wilderness	+	

4	SMA 100: Mathematics for Sciences		+
5	SMR 100: Introduction to Cell Biology and Genetics		+
6	SMR 101: Plant Structure and Physiology		+
7	SMR 102: Natural History of East Africa		+
8	SMR 103: History of the East African Coast	+	
9	SMR 104: Introductory Physics	+	
10	SMR 105: Physical and Inorganic Chemistry	+	
11	SMR 106: Ecological Principles and Concepts	+	
12	SZL 100: General Zoology		+
13	UCU 100: Communication Skills	+	
14	UCU 103: Introduction to Critical and Creative Thinking	+	
SN	Level 200 - Unit code and title	Sem1	Sem2
1	AGE 306: Climatology		+
2	ENS 347: Energy and the Environmental Management	+	
3	ESU 305: Environmental Economics	+	
4	KCU 202: Basic Soil Science	+	
5	SCB 104: Laboratory and Field Techniques In Ecology	+	
6	SCB 105: Computer Application In Ecology	+	
7	SCB 203: Tropical Rainforest Ecology		+
8	SMR 200: Marine Biodiversity		+
9	SMR 203: Introduction to Physical Oceanography		+
10	SMR 204: Introduction to Chemical Oceanography		+
11	SMR 205: Ecological Anthropology	+	
12	SMR 207: Introduction to Coastal and Marine Resources		+
13	SMR 209 Principles of Natural Resource Management		+
14	UCU 104: Entrepreneurship	+	
SN	Level 300 - Unit code and title	Sem1	Sem2
1	EET 100: Microeconomic Theory I		+
2	SCB 309: Conservation Areas in Kenya	+	
3	SMR 300: Research Methods and Biostatistics	+	
4	SMR 301: Coastal Aquaculture and Sea Weed Farming	+	
5	SMR 302: Coastal Fisheries	+	
6	SMR 303: Coastal Forests		+
7	SMR 304: Tropical Coastal Biocomplexity	+	
8	SMR 305: Wildlife Ecology and Management	+	
9	SMR 306: Lowland Agriculture		+
10	SMR 308: Water Resources and Human Impacts		+
11	SMR 310: Coastal Evolution and Protection		+
12	SMR 311: Ecological Basis for Sustainable Land Use		+
13	SMR 312: Attachment		
SN	Level 400	Sem1	Sem2

1	ESU 300: Environmental Impact Assessment and Auditing	+	
2	ESU 400: Environmental Conflict and Peace Building	+	
3	SMR 400: Research Project (2 units)	+	+
4	SMR 402: Emerging Global Issues	+	
5	SMR 403: International Marine Law and Treaties	+	
6	SMR 404: Integrated Coastal Management	+	
7	SMR 405: Natural Resource Policy		+
8	SMR 407: Restoration of Coastal and Marine Ecosystems		+
9	SMR 408: Land Use Planning		+
10	SMR 409: Marine Biotechnology		+
11	SMR 410: Nature Based Enterprises and Tourism		+
12	SMR 411: Conservation of Threatened Marine Vertebrates		+

Master of Science (Applied Medical Entomology)

Duration and Pattern of the Programme

The Master of Science (Applied Medical Entomology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on research work and present a thesis for examination.

SN	Core Unit Code and Title	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 811: Classification and identification of Medical Arthropods	+	
5	SZL 812: Physiology and-Behaviour		+
6	SZL 813: Cytogenetics of Arthropods	+	
7	SZL 814: Arthropod Ecology	+	
8	SZL 816: Arthropod Toxicology		+
9	SZL 817: Techniques in Medical Entomology		+
10	SZL 815: Control of Arthropods of Medical Importance		+

Master of Science (Animal Physiology)

Duration and Pattern of the Programme

The Master of Science (Animal Physiology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concen-

trate on research work and present a thesis for examination.

SN	MSc. (Animal Physiology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 821: Biology of Chemical Mediation	+	
5	SZL 822: Comparative Physiology	+	
6	SZL 823: Ecological Physiology	+	
7	SZL 824: Enzyme Synthesis and Control		+
8	SZL 825: Biochemistry of Nucleic Acids		+
9	SZL 826: Muscle Physiology		+
10	SZL 827: Reproductive Physiology		+

Master of Science (Immunology)

Duration and Pattern of the Programme

The Master of Science (Immunology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of eleven core units, of which two are university common units. In the second year, students will concentrate on their research work and present a thesis for examination.

SN	MSc (Immunology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 842: Immunochemistry		+
5	SZL 843: Molecular immunology and Immunogenetics		+
6	SZL 844: Immunohematology		+
7	SZL 845: Clinical Immunology		+
8	SZL 846: Immunology of Parasitic and Infectious Diseases	+	
9	SZL 847: Reproductive Immunology		+
10	SZL 848: Immunochemical Techniques	+	
11	SZL 841: Cellular Immunology	+	

Master of Science (Applied Parasitology)

Duration and Pattern of the Programme

The Master of Science (Applied Parasitology) shall consist of course work, examination and thesis. The

programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on research work and present a thesis for examination.

SN	MSc (Applied Parasitology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 846: Immunology of Parasitic and Infectious Diseases	+	
5	SZL 851: Advanced Medical Protozoology	+	
6	SZL 852: Advanced Medical Helminthology		+
7	SZL 853: Medical Microbiology		+
8	SZL 854: Arthropod Vectors of Medical importance		+
9	SZL 855: Laboratory Methods in Parasitology	+	
10	SZL 856: Control of Parasites		+

Master of Science (Aquatic Ecology)

Duration and Pattern of the Programme

The Master of Science (Aquatic Ecology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on research work and present a thesis for examination.

SN	M.Sc. (Aquatic Ecology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 881: Stream Ecology	+	
5	SZL 882: Reservoir Management	+	
6	SZL 883: Fisheries Management, Technology and Marketing	+	
7	SZL 884: Principles of Aquaculture		+
8	SZL 885: Oceanography		+
9	SZL 886: Higher Aquatic Macrophytes and Wetlands	+	
10	SZL 887: Problems of Water Pollution		+

Master of Science (Animal Ecology)**Duration and Pattern of the Programme**

The Master of Science (Animal Ecology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on their research work and present a thesis for examination.

SN	M.Sc. (Animal Ecology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 896: Wildlife Behaviour and Management		+
4	SZL 810: Thesis		
5	SZL 891: Population Ecology	+	
6	SZL 892: Community Ecology	+	
7	SZL 893: Ecological Techniques		+
8	SZL 894: Evolutionary Ecology	+	
9	SZL 895: The Physical Environment		+
10	SZL 897: Ecology and the Human Macrophere		+

Master of Science (Fisheries)**Duration and Pattern of the Programme**

The Master of Science (Fisheries Science) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on their research work and present a thesis for examination.

SN	M.Sc. (Fisheries)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 802: Advanced Ichthyology	+	
4	SZL 803: Fish Parasites and Diseases	+	
5	SZL 804: Fisheries Technology and Marketing		+
6	SZL 810: Thesis		
7	SZL 882: Reservoir Management		+
8	SZL 884: Principles of Aquaculture		+
9	SZL 889: Ecology and Management of marine Fisheries		+
10	SZL 888: Ecology and Management of inland Fisheries	+	

Master of Science (Developmental Biology)

Duration and Pattern of the Programme

The Master of Science (Developmental Biology) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of nine core units, of which two are university common units. In the second year, students will concentrate on their research work and present a thesis for examination.

SN	M.Sc. (Developmental Biology)	Sem1	Sem2
1	SCU 800: Research Methodology for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SZL 810: Thesis		
4	SZL 831: Gametogenesis and Fertilization		
5	SZL 832: Cleavage		
6	SZL833:Gastrulation and Formation of Primary Organ Rudiments		
7	SZL 834: Organogenesis		
8	SZL 835: Differentiation and Growth		
9	SZL836:Morphogenetic Processes in the later part of Ontogenesis		
10	SZL 837: Molecular Biology and Development		

Master of Science (Applied Marine and Coastal Resources Management)

Duration and Pattern of the Programme

The Master of Science (Marine and Coastal resources Management) shall consist of course work, examination and thesis. The programme shall take a minimum period of two years. In the first year of study, students will take a total of 10 core units, of which two are university common units. In the second year, students will concentrate on research work and present a thesis for examination.

SN	MSc. (Applied Marine and Coastal Resources Management)	Sem1	Sem2
1	SCU 800: Research Methods for Pure and Applied Sciences	+	
2	SCU 801: Scientific Data Analysis		+
3	SMR 810: Thesis	+	+
4	SMR 811: Ecology and GIS Monitoring of Marine Biodiversity	+	
5	SMR 812: Legal framework in Marine and Coastal Resources Mgt	+	
6	SMR 813: Socio-economics of marine and coastal resources		+
7	SMR 816: Climate Change, Global Warming and Marine Environments	+	
8	SMR 817: Coastal Tourism, Trade and Economics		+
9	SMR 818: Fisheries Exploitation and Management		+
10	SMR 819: Coastal Forest and Wetland Resources	+	
11	SMR 821: Marine Pollution, Waste and Disaster Management		+

17. SCHOOL OF SECURITY, DIPLOMACY AND PEACE STUDIES

17.1 Department of Conflict Resolution, & International Relations

All our units taught cover 35 hours

Bachelor of Science in Military and Security Studies

Program Structure and Duration

The BSc shall consist of coursework and examination taking across eight semesters and the ninth semester shall be spent on military field attachment. The programme will take a minimum of three years.

List of Units across Semesters

SN	Bachelor of Science in Military and Security Studies	Sem1	Sem2
	Year I – Core Units	+	
1.	SMS 100: Drill I	+	
2.	SMS 101: Tactics and Battle Management I	+	
3.	SMS 102: Fundamentals of Military Training I	+	
4.	SMS 103: Weapon Training I	+	
5.	SMS 104: Military Communication (1/2 unit)	+	
	Year 1 Core Units		
1.	SMS 104: Military Communication (1/2 unit)		+
2.	SMS 105: Drill II		+
3.	SMS 106: Tactics and Battle Management II		+
4.	SMS 107: Field Training Exercise I		+
5.	SMS 108: Fundamentals of Military Training II		+
	Year 11 Core units		
1.	SMS 204: Gender and Development	+	
2.	SMS 205: Military Foundation Studies I	+	
3.	SMS200: Fundamentals of Psychology	+	
4.	SMS201: Military History	+	
5.	SMS203: Computer Systems and Applications	+	
6.	UCU 100: Communication Skills	+	
7.	UCU 103: Introduction to Critical and Creative Thinking	+	
	Year II Core units		
9.	BBA 102: Principles of Management		+
8.	EET 102: Principles of Economics		+
10.	SMS 206: Anthropology of Conflict and Violence		+
11.	SMS 207: Military Strategy I		+
12.	SMS 209: Applied Science for Military Studies I		+
13.	SMS 210: Introduction to Financial Management and Accounting		+

14.	SMS208: Adventure and Leadership Training		+
Year III Core Units			
1.	SMS 300: History of the Greater East African Region	+	
2.	SMS 301: Ecosystems and Biodiversity Dynamics	+	
3.	SMS 302: Principles of Meteorology	+	
4.	SMS 303: Social Statistics	+	
5.	SMS 304: Leadership, Command and Management	+	
6.	SMS313: Tactics and Battle Management III	+	
7.	Electives -SMS 306: Law, Culture and Society	+	
8.	-SMS 307: Ethics and Governance	+	
Year III Core Units			
1.	SMS 305: Intelligence and Security		+
2.	SMS 308: Fundamentals of Forensic Science		+
3.	SMS 309: Research Methods		+
4.	SMS 311: Supply Chain and Management Logistics		+
5.	SMS 312: Applied Science for Military Studies II		+
6.	SMS310: Criminology and Criminal Law		+
7.	Electives - SMS 314: Public Relations Theory and Practice		+
8.	-SMS 315: Fundamentals of Entrepreneurship		+
Year IV Core Units			
1.	BBA 301: Human Resource Management I	+	
2.	SMS 400: Contemporary Campaigns in Warfare	+	
3.	SMS 401: Fundamentals of Marine Engineering	+	
4.	SMS 402: Military Foundation Studies II	+	
5.	SMS 403: Military Strategy II	+	
6.	SMS 404: Research Project -1/2 unit	+	
8.	SMS 406: Armed Conflict and International Humanitarian Law	+	
7.	SMS405: Introduction to Counseling in Military Settings	+	
9.	Electives -SMS 407: Transport and Logistics Studies	+	
10.	-SMS 408:Socio-Economic Development	+	
Year IV Core Units			
1.	EPM254:GIS and Remote Sensing in Environmental Planning and Management		+
2.	SMS 404: Research Project -1/2 unit		+
3.	SMS 409: Disaster Management in Military Practice		+
4.	SMS 410: Peace and Conflict Management		+
5.	SMS 411: Aviation Operations for Military Studies		+
6.	SMS 412: Regimental Administration		+
7.	SMS 413: National and International Affairs		+
8.	Electives- SMS 414: Oceanography		+
9.	-SMS 415: Resource Use and Sustainable Environmental Management		+

	Year V Core units		
1.	SMS 416: Military Field Attachment	+	
2.	SMS 417: Field Training Exercise II	+	

Master of Science in Security Strategic Studies

Program Structure and Duration

The Master of Science in Security Strategic Studies shall consist of coursework, examination and a research project or thesis. The Master of Science in Security Strategic Studies shall extend over at least eighteen (18) months. In the first year, students will take ten (10) units. In the second year, in the thesis option, students will be expected to concentrate on their research work and submit a thesis for examination. Students taking research project will take 4 units in the second year plus a project, which is the equivalent of 4 units.

List of Units across Semesters

SN	Unit Code and Title	Sem1	Sem2
	Year I – Core Units	+	
1.	MSS 800: Development and Perspectives in Strategic Studies	+	
2.	MSS 801: Strategic Theory and Modern Warfare	+	
3.	MSS 802: Global Security Analysis	+	
4.	MSS 803: International Law and Law of Armed Conflict	+	
5.	MSS 804: Research Methods in Security Management	+	
	Year 1 Core Units		
6.	MSS 805: Quantitative and Qualitative Techniques in Data Analysis		+
7.	MSS 806: Global Conflict Analysis		+
8.	MSS 807: Survey of Strategy of Selected Countries		+
9.	MSS 808: Security Strategic Planning and Analysis		+
10.	MSS 809: Defense and Security Economics		+
	Year II Electives		
11.	MSS 810: Terrorism and Counter Terrorism	+	
12.	MSS 811: Geo-Strategy of Eastern Africa	+	
13.	MSS 812: Media and Strategic Security	+	
14.	MSS 813: Conflict Management and Peace-Building	+	
	Year II		
15.	MSS 814: Thesis	+	+
16.	MSS 815: Research Project		+

Master in Peace and Conflict Management

Program Structure and Duration

The Master of Arts in Peace and Conflict Management Studies shall consist of coursework, examination

and a research project or thesis. The Master of Arts Science in in Peace and Conflict Management Studies shall extend over at least eighteen (18) months. In the first year, students will take ten (10) units. In the second year, in the thesis option, students will be expected to concentrate on their research work and submit a thesis for examination. Students taking research project will take 4 units in the second year plus a project, which is the equivalent of 4 units.

List of Units across Semesters

SN	Unit code	Sem1	Sem2
1.	APCS 800: Research Methods in Peace and Conflict	+	
2.	APCS 801: Peace and Conflict Studies	+	
3.	APCS 802: Conflict Management and Resolution	+	
4.	APCS 803: International Legal Treaties and Protocols Relating to Migrations	+	
5.	APCS 804: Ethics in Conflict Resolution		+
6.	APCS 805: Community and Post-Conflict Reconstruction		+
7.	APCS 806: Military Interventions and Conflict Management		+
8.	APCS 807: Social and Economic Insecurity		+
9.	APCS 808: Management in Conflict Situations		+
10.	APCS 809: Peace and International Politics	+	
11.	APCS 810: Initiatives in Peace Building in Africa	+	
12.	APCS 811: Humanitarian Intervention	+	
13.	APCS 812: Women in Peace-building and Reconciliation	+	
14.	APCS 813: Children and Youth in Peace building	+	
15.	APCS 814: Research Project (equivalent to 4 units)	+	
16.	APCS 815: Thesis	+	+
17.	APCS 816: Arms Control and Proliferation		+
18.	KPS 810: General Research Methodology (offered by School of Security, Diplomacy and Peace Studies)	+	

B.A (Diplomacy and International Relations)

		Sem1	Sem2
	Year I – Core Units		
1.	ADI 101: Introduction to International Relations	+	
2.	ADI 102: Introduction to Diplomacy	+	
3.	AHT 802: Introduction to Political Science (existing)	+	
4.	SDI 105: Introduction to Public Law		+
5.	SDI 100: Contemporary Global System	+	
6.	SDI 103: Fundamental of Economics	+	
7.	SDI 104: Ancient World History	+	
8.	SDI 106: Introduction to International Economics		+
9.	SDI 107: History of Political Ideas		+
10.	SDI 108: Modern World History		+
11.	SDI 109: African History		+
12.	SMS 309: Research Methods (Existing)		+

13	UCU 100: Communication Skills		+
14	UCU 103: Introduction to Critical and Creative Thinking		+
	Year 2		
15	AHT 201: Themes in African History	+	
16	APP 302: Foreign Policy (Existing)	+	
17	SDI 200: International Relation Theory	+	
18	SDI 201: International Political Economy	+	
19	SDI 202: Diplomatic Practice	+	
20	SDI 203: Issues in International Development	+	
21	SDI 204: Introduction to International Law	+	
22	SDI 205: Kenya Foreign Policy		+
23	SDI 206: International Security		+
24	SDI 207: Diplomatic and Consular Law		+
25	SDI 208: Sovereignty, Rights and International Justice		+
26	SDI 209: International Trade		+
27	SDI 210: Comparative Governments and Politics		+
28	SDI 211: Regional Integration		+
	Year 3		
29	LIL 403: International Criminal Law		+
30	SDI 300: Diplomatic Protocol and Etiquette	+	
31	SDI 301: Political Systems of Developing Nations	+	
32	SDI 302: Contemporary Global Conflicts	+	
33	SDI 303: Emergency Responses in International Relations	+	
34	SDI 304: Introduction to Human Rights	+	
35	SDI 305: Security and International Relations		+
36	SDI 306: Media, Politics and International Affair		+
37	SDI 307: Gender in International Relations		+
38	SDI 308: International Organization		+
39	SDI 309: Theories and Problems of Nationalism		+
40	SDI 310: Forced Migration		+
	Year 3 Electives		
41	SDI 311: Conflict in the Middle East	+	
42	SDI 312: Non-state Actors in International Affairs	+	
43	SDI 313: Global Terrorism and International Relations		+
	Year 4		
44	LIL 400: International Trade and Investments Law	+	
45	SDI 400: Introduction to International Environmental Politics	+	
46	SDI 401: Proliferation of Weapons and Arms Control in International Relations	+	
47	SDI 402: Ethics in International Relations and Diplomacy	+	
48	SDI 403: The Arab World in International Relations	+	
49	SDI 404: Internship		+

50	SDI 405: Comparative Foreign Policy		+
51	SDI 406: Trends and Issues in Modern Diplomacy		+
52	SDI 407: Global Governance		+
	Year 4 Electives		
53	AHT 401: Themes in the History of the Horn of Africa (Existing)		+
54	SDI 408: Issues in International Banking and Finance	+	
55	SDI 409: China and the World	+	
56	SDI 410: Transnational Crimes		+

Master of Arts (Diplomacy and International Relations)

		Sem1	Sem2
	Year I – Core Units		
1.	ADI 800: International Relations and Diplomacy	+	
2.	ADI 802: Foreign Policy Formulation and Diplomacy		+
3.	ADI 803: International Public Law	+	
4.	KPS 810: Research Methods in Social Sciences	+	
	Year 2		
5.	ADI 804: International Political Economy	+	
6.	ADI 805: International Organizations	+	
7.	ADI 806: Current Issues in International Relations		
8.	ADI 807: Strategies for Conflict Resolution	+	
9.	ADI 817: Research Project (4 units) – compulsory for students taking ‘A’ (Course work and project) option		+
10	ADI 818: Thesis – compulsory for students taking ‘B’ (Course and thesis) option		+
	Electives		
11	ADI 808: International Trade, Banking and Finance		+
12	ADI 809: Global Communication, Media and International Affairs		+
13	ADI 810: Global Conflicts		+
14	ADI 811: Contemporary International Political Order		+
15	ADI 812: Postmodernism, International Relations and Diplomacy	+	
17	ADI 813: International Environmental Politics	+	
18	ADI 814: Seminar	+	
18	ADI 815: Sports in International Relations and Diplomacy		+
19	ADI 816: Women and International Relations	+	

PhD Programme

20	ADI 900: PhD Thesis		+

17.2 Department of Security and Correction Science

All our units taught cover 35 hours and there are no prerequisites

Certificate in Security and Correctional Science

Duration and Pattern of the Course

To complete the Certificate in Security and Correctional Science, students shall successfully take 12 units 6 of which are professional while six (6) are academic. In the first semester, students shall take four (4) professional units, two of which shall continue in the second semester and three (3) academic units. In the second semester students shall take the remaining two (2) professional units and three (3) academic units plus the two (2) continuing professional practical units.

SN	Level 001	Sem 1	Sem 2
1	CSC 001: Foundations of Drills and Physical Training (Three Semester Unit)	+	+
2	CSC 002: Foundations of Weaponry Training and Management (Three Semester Unit)	+	+
3	CSC 003: Foundations of Security Management		+
4	CSC 004: Foundations of Sentence Computation and Records Management		+
5	CSC 005: Foundations of Prisons Administration, Management and Practise	+	
6	CSC 006: Basics of Rehabilitation, Treatment and Reintegration of Offenders	+	
7	CSC 007: Basics of Law, Criminal Justice and Human Rights		+
81	CSC 008: Fundamentals of Information, Communication and Technology		+
9	CSC 009: Foundations of Sociology and Criminology	+	
10	CSC 010 Introduction to Gender Issues in Correctional Institutions		+
11	CSC 011: Fundamentals of Disaster Management	+	
12	CSC 012: Basics of Psychology	+	

Diploma in Security Management and Police Studies

Duration and Structure of the Course

The Diploma in Security Management and Police Studies is a 4-semester course. In each semester, a student will be required to take six units, four of which must be core and two electives. In the 4th Semester, a student will be required to take four units and a research project. The research project is equivalent to 2 units.

SN	Unit Codes and Titles	Sem 1	Sem 2
1	KPS 021: Gender and Crime	+	
2	KPS 022: Criminal Justice Process		+
3	KPS 023: Drug and Substance Abuse and their Control	+	
4	KPS 024: Peace-Keeping and Conflict Management		+
5	KPS 025: Improvised Explosive Devices (Elective)		+
6	KPS 026: International Crime and its Control	+	

7	KPS 028: Introduction to Research Methods and Statistics		+
8	KPS 029: Ethics and Governance		+
9	KPS 030: Introduction to Disaster Management	+	
10	KPS 031: Communication and Decision-Making		+
11	KPS 032: Organizational Behaviour and Management	+	
12	KPS 033: Counselling and Mediation		+
13	KPS 034: Environmental Ethics and Policing		+
14	KPS 035: Introduction to Forensic and Fraud Investigation	+	
15	KPS 036: Research Project (two units)		+
16	KPS 037: Politics and Police Administration	+	
17	KPS 038: Policing and Terrorism (Elective)		+
18	KPS 039: Computer Application in Policing		+
19	KPS 040: Personal Security Management (Elective)		+
20	KPS 041: Facility Security Management (Elective)		+
21	KPS 042: Trans-National Organized Crime and its Control	+	
22	KPS 043: Crime Prevention Strategies	+	
23	KPS 044: Human Rights and Policing		+
24	KPS 045: Disarmament, Demobilization and Re-integration		+
25	KPS 046: Law and its Application in Policing	+	
26	KPS 047: Introduction to Criminology	+	
27	KPS 048: Introduction to Criminal Psychology	+	

Diploma in Security and Correctional Science

Duration and Pattern of the Course

The course duration will be three (3) semesters.

To graduate with a diploma in Security and Correctional Science, the candidate shall have successfully completed 18 units including six (6) core professional and 12 academic units.

In the first semester, students will take four (4) professional units, two of which continue in the second semester and three (3) academic units. In the second semester students will take two (2) professional units, three (3) academic units plus the continuing two (2) units. In the third semester, students will take six (6) academic units, including one elective and the continuing two (2) units.

SN	Unit Code and Title	Sem 1	Sem 2
1	DSC 021: Drills and Physical Training	+	+
2	DSC 022: Weaponry Training and Management	+	+
	Semester I		
	Semester II (Continuing unit)		
	Semester III (Continuing unit)		
3	DSC 023: Security Management		+

4	DSC 024 : Sentence Computation and Records Management		+
5	DSC 035: Prisons Administration, Management and Practices	+	
6	DSC 036: Rehabilitation, Treatment and Reintegration of Offenders	+	
7	DSC 037: Introduction to Sociology and Criminology	+	
8	DSC 038 : Law, Criminal Justice and Human Rights		+
9	DSC 039: Introduction to Information, Communication and Technology	+	
10	DSC 040 : Gender Issues in Correctional Institutions		+
11	DSC 041: Introduction to Psychology	+	
12	DSC 042: Introduction to Disaster Management	+	
13	DSC 043: Health and Wellness	+	
14	DSC 044: Juvenile Delinquency and Correctional Practices	+	
15	DSC 045 : Introduction to Research Methods		+
16	DSC 046: Detection and Investigation Techniques.	+	
17	DSC 047: Government Structure and Organization	+	
18	DSC 051: Leadership, Governance and Ethics	+	

Diploma in Leadership and Security Management

Duration and Structure of the Course

The Diploma in Leadership and Security Management shall extend over a period of at least eighteen months covered in 4 semesters. Students will be expected to do coursework, and write a research project. Students will take 6 units in Semester one and Semester two of the first year, and 5 units in Semester one of the second year. In semester two of the second year, students will write a research project which will be equivalent to 2 units. There will be no common university unit for the Diploma Programme. The common University rules for credit waiver shall apply.

SN	Unit Codes and Titles	Sem 1	Sem 2
1	ASS 021 Introduction to security management	+	
2	ASS 022 Introduction to public policy analysis	+	
3	ASS 023 Ethics, leadership and governance in security Management	+	
4	ASS 024 Crime, culture and social change	+	
5	ASS 025 Public relations and communication	+	
6	ASS 026 Introduction to Research Methods in Security Management	+	
7	ASS 027 Physical and facility security		+
8	ASS 028 Global systems, development and Security		+
9	ASS 029 Theories of crime		+
10	ASS 030 Peace-building and conflict management		+
11	ASS 031 Information technology and security management		+
12	ASS 032 Introduction to social statistics		+
13	ASS 033 Disaster management and reconstruction	+	
14	ASS 034 Gender, leadership and security management	+	

15	ASS 035 Financial and procurement management	+	
16	ASS 036 Human rights in security management	+	
17	ASS 037 Project design, management and evaluation	+	
18	ASS 038 Research project (equivalent to 2 units)		+

Bachelor of Security Management and Policing Studies

Duration and Pattern of the Course

The course duration will be eight (8) semesters.

To graduate with a Bachelor of Security Management and Policing Studies, the candidate shall have successfully completed 52 units.

In the 1st and 2nd year, a student will be expected to take all the core units offered plus 4 university common units making a total of 14 units each year.

In the 3rd and 4th year, a student will be required to take all core units on offer in addition to four (4) elective units making a total of 12 units each year.

Common Units: Students will take three University Common Units

UCU 100: Communication Skills (Sem I)

UCU 101: Development Studies (Sem II)

UCU 103: Introduction to Critical and Creative Thinking (Sem I)

SN	Level 100 - Unit Code and Title	Sem 1	Sem 2
1	KPS 100: Fundamentals of Psychology	+	
2	KPS 101: Fundamentals of Sociology	+	
3	KPS 102: Introduction to Criminology	+	
4	KPS 103: Criminal Justice System	+	
5	KPS 104: Government, Constitutions and Politics in Kenya	+	
6	KPS 105: Psychology of Criminal Behaviour		+
7	KPS 106: Social Institutions and the State		+
8	KPS 107: Social Problems		+
9	KPS 108: Theories of Crime and Deviance		+
10	KPS 109: Evolution and Development of Modern Policing		+
	Level 200	Sem 1	Sem 2
1	KPS 200: Social Research Methods in Security Studies	+	
2	KPS 201: Social Change, Globalization and Crime	+	
3	KPS 202: Crime Prevention, Control and Community Safety	+	
4	KPS 203: Physical Security and Access Control	+	
5	KPS 204: Public Administration and Governance	+	
6	KPS 205: Asset Security	+	
7	KPS 206: General Management Principles	+	

8	KPS 207: Theoretical Approaches to Policing		+
9	KPS 208: Crime and Security Management		+
10	KPS 209: National Security Management		+
11	KPS 210: Fundamental Human Rights, Freedoms and Policing		+
12	KPS 211: Personal Security		+
13	KPS 212: Criminal Investigation		+
14	KPS 213: Psychology and the Criminal Justice System		+
Level 300		Sem 1	Sem 2
1	KPS 300: Intelligence-Led Policing	+	
2	KPS 301: Criminal Procedures and Evidence	+	
3	KPS 302: ICT, Crime and Security	+	
4	KPS 303: Gender, Security and Policing	+	
5	KPS 304: Mental Disorders and Criminality	+	
6	KPS 305: Conflict Management and Resolution	+	
7	KPS 306: Correctional and Rehabilitative Systems	+	
8	KPS 307: Principles of Counselling	+	
9	KPS 308: Social Statistics		+
10	KPS 309: Community Policing		+
11	KPS 310: Law, Society and Public Policy		+
12	KPS 311: Attachment (equivalent to 1 unit)		+
13	KPS 312: Forensic Investigations and Accounting		+
14	KPS 313: Leadership Skills for Policing and Security Managers		+
15	KPS 314: Vigilantism and Security		+
16	KPS 315: International Security and Policing		+
17	KPS 316: Strategic Security Management		+

Level 400		Sem 1	Sem 2
1	KPS 400: Principles of Communication and Public Relations	+	
2	KPS 401: Economics of Crime and Security	+	
3	KPS 402: Disaster Management and Reconstruction	+	
4	KPS 403: Crime Mapping and Measurement	+	
5	KPS 404: Victimology	+	
6	KPS 405: Computer Security	+	
7	KPS 406: Modern Security Surveillance and Detection Systems	+	
8	KPS 407: Security Planning and Policy	+	
9	KPS 408: Information Security Management	+	
10	KPS 409: Legal Issues in Security Management		+
11	KPS 410: Professionalism, Ethics and Integrity		+
12	KPS 411: Contemporary and Emerging Issues in Security Mngt		+
13	KPS 412: Ethnicity and Multiculturalism		+
14	KPS 413: Security Management in Work Organizations		+

15	KPS 414: Strategic National Infrastructures		+
16	KPS 415: Emergency Communication Management		+
17	KPS 416: International Relations and Security		+

Post Graduate Diploma in Security and Correctional Science

Duration and Pattern of the Course

The course duration will be four (4) semesters.

To graduate with a Post Graduate Diploma in Security and Correctional Science, the candidate shall have successfully completed 18 units including six (6) core professional and 12 academic units.

In the first semester, students will take three (3) professional units, two of which continue in the second semester and three (3) academic units. In the second semester students will take two (2) professional units, three (3) academic units plus the continuing two (2) units. In the third semester, students shall take (1) professional units, four (4) academic units plus the continuing two (2) units. In the fourth semester, students shall do a research project equivalent to two (2) units, and undergo a professional attachment equivalent to one (1) unit.

SN	Unit Code and Title	Sem 1	Sem 2
1	PSC 700: Drills and Physical training	+	+
2	PSC 700: Continuing		+
3	PSC 700: Continuing	+	
4	PSC 701: Continuing		+
5	PSC 701: Continuing	+	
6	PSC 701: Weaponry Training and Management	+	+
7	PSC 702: Sentencing, Computation and Records Management	+	
8	PSC 703: Prison Administration, Management and Practice		+
9	PSC 704: Rehabilitation, Treatment and Reintegration of Offenders		+
10	PSC 705: Professional Attachment (Equivalent to 1 unit)		+
11	PSC 706: Sociology, Criminology and Correctional Science	+	
12	PSC 707: Law, Criminal Justice and Human Rights	+	
13	PSC 708: Psychology in Correctional Science	+	
14	PSC 709: Gender Issues in Correctional Institutions		+
15	PSC 710: Leadership, Governance and Ethics		+
16	PSC 711: Research Project (Equivalent to 2 units)		+
17	PSC 712: Juvenile Delinquency and Correctional Practices	+	
18	PSC 713: Research Methods	+	
19	PSC 714: Security Management	+	
20	PSC 715: Detection and Investigation Techniques	+	
	(Electives)		+
21	PSC 716: Disaster Management and Rehabilitation		+
22	PSC 717: Guidance and Counseling in Prisons Setting		+

23	PSC 718: Victimology		+
24	PSC 719: Crime, Corrections and Public Policy		+
25	PSC 720: Health and Wellness		+

Master of Security Management and Police Studies

Duration and Pattern of the Course

The Masters programme in Security Management and Police Studies shall extend over a period of at least eighteen months. Students will be expected to do coursework, examination and thesis or research project. Students in the project option will take 12 units in the first year and four units plus a research project in the second year. Those in the thesis option will take 12 units in the first year and a carry out research that will culminate in thesis submission in the second year.

SN	Level 800 – Unit Codes and Titles	Sem 1	Sem 2
1	KPS 800: Security Planning and Management	+	
2	KPS 801: Social-Economic Policies and Insecurity	+	
3	KPS802:Communication and Social Construction of Insecurity	+	
4	KPS 803: Contemporary and Emerging Issues in Policing	+	
5	KPS 805: Law, Society and Public Policy	+	
6	KPS 806: Strategic Security Management		+
7	KPS 807: International Security Policies and Convention		+
8	KPS 808: Measurement and Evaluation of Crime		+
9	KPS 809: Human Rights and Justice		+
10	KPS 810: General Research Methodology		+
11	KPS 811: Challenges to Human Security	+	
12	KPS 812: Comparative Policing		+
13	KPS 813: Applied Research Techniques in Crime.	+	
14	KPS 814: Advanced Forensic Science and Criminal Investigation.	+	
15	KPS 815: Situational Analysis in Criminal Justice	+	
16	KPS 816: Addiction Studies and Life Style Rehabilitation	+	
17	KPS 819: Counselling Psychology	+	
18	KPS 820: Seminars on selected topics	+	
19	KPS 821: Research Project	+	
20	KPS 822: Master's Research and Thesis	+	

Master of Arts in Leadership and Security Management

Duration and Structure of the Course

The Masters of Arts in Leadership and Security Management shall extend over a period of at least eighteen months covered in 4 semesters. Students will be expected to do coursework, examination and

research project. During the First Semester of the second year, each student will be expected to write a research project drawing from a research problem in their own work organization and field research to be conducted under the supervision of a lecturer. The research project will be equivalent to 4 units and will be submitted at the end of the second semester of the second year.

SN	Unit Code and Title	Sem 1	Sem 2
1	AMC 800 Research methods in social science	+	
2	APS 837 Research Project (4 units)		+
3	ASS 824 Peace-building and conflict management	+	
4	ASS 825 Quantitative and qualitative techniques in data analysis	+	
5	ASS 826 Law and Human rights in security management	+	
6	ASS 827 Global Systems, development and security	+	
7	ASS 828 Disaster and risk management		+
8	ASS 829 Public policy Analysis		+
9	ASS 830 Ethics, law and governance in security management		+
10	ASS 831 Project management		+
11	ASS 832 Gender, leadership and security management	+	
12	ASS 833 Strategic leadership and management	+	
13	ASS 834 Theoretical criminology	+	
14	ASS 835 Mapping, measurement and evaluation of crime		+
15	ASS 836 Information Technology and Security Management	+	

Phd in Security Studies

Duration and Pattern

The PhD in security studies shall be offered by course work and thesis option and shall extend for a period of not less than 3 academic years of 2 semesters each.

Course work

Learners shall be expected to successfully complete a total of 9 taught units in addition to successfully defending a thesis equivalent to 8 units. In the first semester, learners shall take 5 units and in the second semester, they shall take a total of 4 units, three of which shall be core while one (1) shall be an elective. The pass mark for each unit shall be 50%. A learner who fails more than half of the units taken in a semester shall be discontinued from the program. A learner who fails less than half the units taken in a semester shall sit for a supplementary exam in the units failed and the total mark obtainable shall be 50%. A learner who fails a supplementary exam shall be discontinued from the program.

Thesis

While undertaking the course work in the 1st and 2nd semesters, learners shall be expected to generate and successfully defend a research proposal and proceed to collect data in their 3rd semester. In the 4th and 5th semesters, learners shall be expected to write and present final copy of thesis for examination. Within the 5th and 6th semester learners shall be expected to successfully defend the thesis and make final corrections in readiness for graduation.

SN	Unit Code and Title	Sem1	Sem2
1	SSC 900: Global Security Analysis	+	
2	SSC 901: National Security Management	+	
3	SSC 902: Advanced Theories of Security Studies	+	
4	SSC 903: Advanced Research Methodology	+	
5	SSC 904: Issues in Human Security	+	
6	SSC 905: Qualitative and Quantitative data Analysis		+
7	SSC 906: Environment Resources and Security		+
8	SSC 907: Global Conflict Analysis		+
9	SSC 908: Terrorism and Counter-Terrorism (Elective)		+
10	SSC 909: Seminar in Security Studies (Elective)		+
11	SSC 910: Technology and Security (Elective)		+
12	SSC 911: Law, Policy and Security Management (Elective)		+
13	SSC 912: Thesis (Core)	+	

18. CONFUCIOUS INSTITUTE

The Confucius Institute at Kenyatta University is in the School of Humanities and Social Sciences and offers Chinese Language and Culture courses in the following levels:

Beginners Chinese Language and Culture Program (Part Time)

Duration and Structure of the Programme

The Beginners in Chinese language and culture program shall consist of coursework and examination. The course shall take a minimum of 2 semesters and a candidate shall be required to take 3 units per semester.

Beginners Chinese Language And Culture Program (Part Time)			
SN	Unit Code & Course Title	Sem 1	Sem2
1.	CHL010: Introduction to Chinese Society (in the modern world)	+	
2.	CHL 011: Mandarin Chinese	+	
3.	CHL 012: Basic Chinese Reading	+	
4.	CHL013: Situational Chinese		+
5.	CHL 014: Basic Chinese Orthography		+
6.	CHL 015: Basic Conversational and Listening Skills		+

Certificate in Chinese Language and Culture Program (Full/Part Time)

Programme Structure and Duration

The Certificate in Chinese language and culture program shall consist of coursework and examination. The course shall take a minimum of 2 semesters and a candidate shall be required to take 6 units per

semester.

	Certificate In Chinese Language and Culture Program (Full/Part Time)		
SN	Unit Code & Course Title	Sem1	Sem2
1.	CHL 020:Chinese Society in the Modern World	+	
2.	CHL 021:Chinese Language and Grammar	+	
3.	CHL 022:Chinese Reading Systems	+	
4.	CHL 023:Chinese Tones	+	
5.	CHL 024:Chinese Writing Systems	+	
6.	CHL 025:Chinese Characters Systems	+	
7.	CHL 026:Business Chinese		+
8.	CHL 027:Situational Chinese and Listening Skills		+
9.	CHL 028:Chinese Grammar		+
10.	CHL 029:Chinese Expressions		+
11.	CHL 030:Reading Chinese Texts		+
12.	CHL 031:Conversational and Listening Skills		+

Proficiency Program in Chinese Language and Culture (Full/Part Time)

Programme Structure and Duration

The Proficiency in Chinese language and culture program shall consist of coursework and examination. The course shall take a minimum of 1 semester and a candidate shall be required to take 3 units during the semester.

	Proficiency Program in Chinese Language and Culture (Full/Part Time)		
SN	Unit Code & Course Title	Sem 1	Sem2
1.	CHL 001:Modern Chinese Culture	+	
2.	CHL 002:Listening and Speaking Chinese	+	
3.	CHL003:Chinese for Specific purposes	+	

Diploma in Chinese Language and Culture (Full Time)

Programme Structure and Duration

The Diploma in Chinese language and culture program shall consist of coursework and examination. The course shall take a minimum of 4 semesters and a candidate shall be required to take 6 units per semester

	Diploma in Chinese Language and Culture (Full Time)				
SN	Unit Code & Course Title	Sem 1	Sem 2	Sem 3	Sem 4
1.	CHL 051:Comprehensive Chinese I	+			

2.	CHL 052:Chinese Listening & Speaking I	+			
3.	CHL053:Chinese Grammar I	+			
4.	CHL 054:Chinese Character Writing I	+			
5.	CHL 055:Chinese Pronunciation & Intonation	+			
6.	CHL 056:General Introduction to China	+			
7.	CHL 057:Comprehensive Chinese II		+		
8.	CHL 058:Chinese Listening & Speaking II		+		
9.	CHL 059:Chinese Grammar II		+		
10.	CHL 060:Chinese Character Writing II		+		
11.	CHL 061:Elementary Chinese Reading		+		
12.	CHL 062:Traditional Chinese Culture		+		
13.	CHL 063:Comprehensive Chinese III			+	
14.	CHL 064:Chinese Listening & Speaking III			+	
15.	CHL 065:Chinese Grammar II			+	
16.	CHL 066:Chinese Reading & Writing			+	
17.	CHL 067:Modern Chinese Culture			+	
18.	CHL 068:Basic Translation			+	
19.	CHL 069:Comprehensive Chinese IV				+
20.	CHL 070:Advanced Audio – Visual Oral Chinese				+
21.	CHL 071:Chinese Grammar IV				+
22.	CHL 072:Chinese Business Language				+
23.	CHL 073:Composition Writing				+
24.	CHL 074:Selected Reading of Newspapers & Periodicals				+

19. INSTITUTE OF TEACHER PROFESSIONAL DEVELOPMENT

Certificate in Early Childhood Development Education

Programme Structure and Duration

The program consists of 17 units (including teaching practice and attachment). In order to qualify for the award of the certificate; the candidate must pass all the 17 units. The minimum duration for the full time residential programme is a period of two semesters and four sessions for the institutional based mode (April, August, and December).

Unit code and unit title	Sem 1	Sem 2
ECE 11: Child Developments: Pre-Natal, Infancy And Early Childhood (3-8) Years	+	
ECE 12: Introductions to Indoor and Outdoor Play Activities	+	
ECE 13: Introduction to Language Development in ECE	+	
ECE 14: Nutrition and Health Practices in ECE	+	

ECE 15: Social Studies and Religious Beliefs And Practices	+	
ECE 16: Creative Activities: Art & Craft, Music And Drama In ECE.	+	
ECE 21: Introduction to Instructional Methods and Strategies in ECE		+
ECE 22: Science Activities in Early Childhood.		+
ECE 23: Basic Principle of Administration and Supervision of ECE Programs		+
ECE 24: Early Identification and Intervention of Children with Special Needs.		+
ECE 25: Teaching Practice (Two Units).		+

Diploma (Primary Teacher Education)

Programme Structure and Duration

To qualify for the award of the Diploma in Primary Teacher Education, a candidate shall have completed TWO Academic Years.

Subjects shall be sub-divided into courses, where each course shall be evaluated in terms of units, a course unit being defined as a series of *35 of one-hour lectures*. For this purpose, one 1 hour is equivalent to 2 – hour tutorial of 3 hours practical period or an equivalent amount of other assigned study or practical experience of any combination of these may be approved.

Each student shall take TWO units in one of the academic subjects during each of the two years. That is, for the two years of study a student shall take a minimum of 4 units in the subject of specialization, plus 20 units from the Departments of Education.

Programme Structure

Unit code and Title	Sem1	Sem II	Sem III
First Year Units			
ECT151: Language Education	+		+
ECT152: Social Studies Education	+		+
ECT153: Mathematics Education		+	+
EPS151: Guidance & Counselling		+	+
SNE254: Introduction to special Needs Education		+	+
Second Year Units			
ECT202: Instructional Methods	+	+	
EAP202: Primary School Curriculum		+	+
ECT251: Science Education		+	+
ECT252: Physical and Health Education	+		+
ECT253: Creative Art Education	+		+
ECT200: Technology in Pry. Sch. Curr. & Subject Methods		+	+
EPS206: Educational Measurement and Evaluation		+	+
EAP200: Educational Administration		+	

Diploma in Secondary Teacher Education

Programme Structure and Duration

To qualify for the award of the Diploma in Secondary Teacher Education, a candidate shall have completed TWO and HALF (2 ½) academic year, that is 2 academic years of course work and 1 teaching practice during 2nd term of the secondary school term (May-August).

Subjects will be sub-divided into courses, where each course will be evaluated in terms of units. A course unit is defined as a series of 35 one-hour lectures. For this purpose, a one (1) hour lecture is equivalent to two (2) hours of tutorial work of 3 hours practical period or an equivalent amount of other assigned study or practical experience of any combination of these may be approved.

Each student will take two units in each of the two academic subject areas of his/her choice during each of the two years. That is, for the two years of study, a student shall take a minimum of 8 units in the two academic subject of specialization, plus 20 units from the various Departments in the School of Education.

Unit title	Sem 1	Sem 11
EPS100: Introduction to Educational Psychology	+	
UCU 100: Communication Skills	+	
EFN102: History of Education	+	
EPS 151: Introduction to Guidance and Counseling	+	
Subject 1	+	
Subject 2	+	
ECT202: Instructional Methods		+
ECT 200: Use of Technology for Instruction		+
SNE 254: Introduction to Special Needs		+
EAP 200: Educational Administration		+
Subject 1		+
Subject 2		+
ECT 300: Educational Technology	+	
EMP 201: Curriculum Development	+	
Subject 1	+	
Subject 1	+	
EPS 206: Measurements and Evaluation		+
Subject Method 1		+
Subject Method 2		+
Subject 1		+
Subject 2		+

Post Graduate Diploma in (Psycho-Educational Assessment)

Duration of the Programme

To qualify for the postgraduate diploma the students will undertake the diploma for one year. In order to

graduate with a Postgraduate Diploma in Psycho-educational assessment the student must have studied and passed all the 14 units in addition to the project and internship which carry 2 units each making a total of 18 units.

Programme Structure

Unit Code and Unit Title	Sem 1	Sem 2
SNE/PGD/101: Historical Development of Special Needs Education	+	
SNE/PGD/102: Development of Psycho-educational Assessment	+	
SNE/PGD/103: Brain Anatomy and Physiology	+	
SNE/PGD/104: Theories and types of Psychological Tests	+	
SNE/PGD/105: Tests Development	+	
SNE/PGD/106: Personality Assessment	+	
SNE/PGD/107: Clinical and Counseling Assessment Methods	+	
SNE/PGD/108:Project	+	
SNE/PGD/209:Statistics and Scales of Measurement		+
SNE/PGD/210:Neuropsychological Assessment		+
SNE/PGD/211:Assessment of Career and Transitional Programs		+
SNE/PGD/212:Diagnosis for teaching learners		+
SNE/PGD/213:Issues on Assessment and Diagnosis		+
SNE/PGD/214:Research Methods in Psychological Assessment		+
SNE/PGD/215:Guidance and counseling for Persons with special Needs		+
SNE/PGD/216:Internship		+
		+

Post Graduate Diploma in (Early Childhood Studies)

Programme Structure and Duration

The students will take twelve courses (six per semester) in one academic year or within one year in the pattern of four units during each of the institutional based mode sessions. The students will take one additional semester to work on a Project after completion of course work.

To qualify for the Postgraduate Diploma in Early Childhood Studies the students will undertake the diploma for one year. In order to graduate with a postgraduate Diploma, the student must have undertaken and passed all the 14 units in addition to the Project (2units) and Attachment (2 units) and Teaching Practice (2 units) making a total of 18 units.

Programme Structure

Unit Code and Unit Title	Sem 1	Sem 2
ECE 501: Children Development from Birth to Pre- adolescents	+	
ECE 502: Community Mobilization and Network Development	+	
ECE 503: Project Planning and Evaluation	+	
ECE 504: Children's Right and Rights-Based Programming	+	
ECE 505: Materials Development for Holistic Early Childhood Development	+	

ECE 506: Research Methods	+	
ECE 507: Statistics and Computer Applications		+
ECE 508: Nutrition, Health Education and Practices		+
ECE 509: Psycho-social Stimulation and Play		+
ECE 510: Management and Administration of Early Childhood Education		+
ECE 511: Guidance and Counseling		+
ECE 512: Exceptional Children and Care for the Vulnerable Children		+
ECE 513: PROJECT (2 units)		+
ECE 514: ATTACHMENT (2units)		+
ECE 515: Moral Education Ethics		+

B.Ed (Primary Teacher Education)

Programme structure and duration

To qualify for the award of B.ED Degree in Primary Teacher Education (PTE), a candidate shall complete FOUR academic years except where credit waiver is awarded.

Students will take maximum 7 units a semester. But may be allowed to take an 8th Unit with authority from Dean, School of Education.

For teaching purpose, students under this programme may be taught with the rest of Kenyatta University students or in Satellite Campuses.

Subjects shall be subdivided into courses, where each course shall be evaluated in terms of units, a course unit being defined as a series of 35 of one-hour lectures. For this purpose, one 1-hour lecture is equivalent to 2 hour tutorial or 3 hour practical period or an equivalent amount of other assigned study or practical experience or any combination of these may be approved.

A candidate for the degree of Bachelor of Primary Teacher Education (PTE) shall not be admitted in any subject of his/her choice until the subject has been approved by the Dean of School of Education, in consultation with the Dean of Schools of Arts/Science at Kenyatta University (Subjects in this case means teaching subjects). The choice of subjects once approved may be modified only with the consent of the Dean of School. Such modification is restricted to the first three weeks of the beginning of the Academic Year.

Each student shall take TWO units in one of the Art or Science subjects for first two years and SIX units in their third and fourth year. That is, for the four years of study a student shall take a minimum of 16 units in Science or 15 units in Arts in the subject of specialization, plus 33 units from the School of Education.

Programme Structure

SN	Unit code and title	Sem1	SemII
	First Year Units		
1.	ECT151: Language Education	+	
2.	EFN103: Trends and Issues in Primary School Education		+
3.	ECT152: Social Studies Education	+	

4.	ECT153: Mathematics Education		+
	Second Year Units		
5.	ECT 202: Instructional Methods <i>(Prerequisite to ECT 300)</i>	+	
6.	EAP 202: Primary School Curriculum		+
7.	ECT 251: Science Education		+
8.	ECT 252: Physical and Health Education	+	
9.	ECT 253: Creative Art Education	+	
10.	ECT200: Technology in Pry. Sch. Curr. & Subject Methods		+
	Third Year Units		
11.	ECT 354: Advanced Course in Language Education	+	
12.	ECT 355: Advanced Course in Social Studies Education		+
13.	ECT 356: Advanced Course in Mathematics Education		+
14.	EPS 351: Guidance and Counselling	+	
15.	ESN 417: Special Needs Education		+
16.	EFN 403: Human Rights including Children's Rights		+
17.	EFN 404: Gender Issues	+	
	Fourth Year Units		
18.	EFN 405: Peace Education & Conflict	+	
19.	ECT 457: Advanced Course in Science Education		+
20.	ECT 458: Advanced Course in Creative Arts Education		+
21.	ECT 459: Advanced Course in Health Education		+

