



ABDULRAHMAN AL-SUMAIT UNIVERSITY

(SUMAIT)

SUMAIT PROSPECTUS

2023/2024

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9.0 UNIVERSITY ALMANAC 2023/2024319

MESSAGE FROM THE VICE CHANCELLOR

Abdulrahman Al-Sumait University (SUMAIT) was established in 2014 and recognized by the Tanzania Commission of Universities (TCU) during its 63rd meeting held on 27th March 2014 as a private University.

The university is owned by a Kuwait-based non- governmental organization known as Direct Aid, formerly Africa Muslims Agency. The university evolved from the former University College of Education-Zanzibar (UCEZ) established in 1998 as an affiliate college of the Khartoum based International University of Africa (IUA).

The university is proud to have her first Chancellor, His Excellency Dr. Amani Abeid Karume, the Sixth President of Zanzibar whose deep interest in the well-being of our nation has inspired us towards the achievement our Vision and Mission.

The university has well-structured degree, diploma and certificate programs taught by qualified national and international faculty in all fields of specializations. The quiet learning environment on the outskirts of Zanzibar that SUMAIT occupies available facilities in the library, laboratories, lecture rooms and recreational services are conducive enough to ensure students are comfortable and can finish their studies successfully.

Abdulrahman Al-Sumait University has two faculties: Faculty of Sciences and Faculty of Arts and Social Sciences. Also, it has two centers: Center for Research and Postgraduate Studies (CRPS) and Center for Professional and Continuing Education (CPaCE). Together they offer Master and Bachelor degrees alongside with diploma and certificates. The courses offered include Sharia and Islamic Jurisprudence, Counseling Psychology, Natural Sciences, Mathematics and computers sciences, office administration and Information Technology. I am confident that the outstanding faculty of SUMAIT will inspire and motivate our students to work harder and engage in rigorous academic works reflecting a sense of passionate commitment to excellence.

I welcome all students who have joined the University recently. Remember that your stay at the university is a very brief phase of your lifetimes. Extract maximum benefit from every moment by engaging constructively. Study smart, and always seek to enrich your community.

Prof. Msafiri Mmasa Mshewa
Vice Chancellor
November 2023

PRINCIPAL OFFICERS OF THE UNIVERSITY

CHANCELLOR

Dr. Amani Abeid Karume, PhD. (Law) (Honorary), (South Carolina State University); Dr. of Sciences (Honorary), (Hubert Kairuki Memorial University).

UNIVERSITY EXECUTIVES

Vice Chancellor

Assoc. Prof. Msafiri M. Mshewa, B.Sc. (Process Eng.) (UDSM); MSc. (Chem. Eng.) (UTexas, Austin); PhD. (Chem. Eng.) (UTexas, Austin).

Ag. Deputy Vice Chancellor (Academic Affairs)

Assoc. Prof. Haji Mwevura Haji, BSc. (ed) (Physics and Chemistry) (UDSM); MSc. (Chemistry) (UDSM); PhD. (Analytical Environmental Chemistry) (UDSM).

Ag. Deputy Vice Chancellor (Admin and Finance)

Prof. Yunis Abdille Musa, B.A. (Law) (IUA); M.A. (Shariah) (IUIU); PhD. (Shariah & Law)(Omdurman universiy).

Deans and CENTRES.

Centre for Research and Post-Graduate Studies

Director

Prof. Yunis Abdille Musa, B.A. (Law) (IUA); M.A. (Shariah) (IUIU); PhD. (Shariah & Law)(Omdurman).

Deans and CENTRES.

Dean, Faculty of Sciences

senior lecturer Dr. Antar Shaddad Hamed Abdul-Qawy, (Ph.D). Electronics & Computer Engineering (IoT), Kakatiya Univ -India, M. Tech (Computer Science), University of Hyderabad – India, BsCE (Computer Engineering), Hodeidah Univesity, Yemen.

Dean, Faculty of Arts and Social Sciences

senior lecturer, Dr. Bunyamin Adewale Bello, Bachelor of Islamic Law (Sharia) (Islamic University of Madinah); Masters of Fiqh and Uşūl al-Fiq ((IIUM); PhD (Fiqh and Uşūl Al-Fiqh) (IIUM)

Centre for Professional and Continuing Education

Director

Sabrina Abdul-Rahman, BAEd (MUM); Master’s in teaching Chinese to the Non-

Native speakers (HARBIN CHINA).

HEADS OF DEPARTMENTS

Department of Mathematics and Computer Sciences

Dr. Moktar M.M Alli, Ph.D. information science and technology (IST), Anna Univ - India, MSc (Computer Science), University of Gezira – Sudani, Bsc (Computer Science), Omduman Univesity, Sudan.

Department-Cordinator of Natural Sciences

Khamis Masoud Khamis, B.Sc. (Ed.) (UCEZ); M.Sc. (Physics) (Beihang-china).

Department of Education

Dr. Sharifa Iddy Mbagga; BEd (English and Kiswahili) - Makumira University College- Arusha, MEd (Tumaini University Makumira), PhD (Curriculum Studies) (Mwenge Catholic University).

Department of Counseling and Psychology

Dr. Eltaher Ali Eltaher, Bachelor (Psychology), (AL-Neelan), Master; (Psychology), (AL-Neelan); Ph. D (Psychology), (AL-Neelan).

Department of Languages.

Dr. Nawaje Ali Mganga, Bachelor of Islamic Studies with Education (Kiswahili & Islamic Studies) (MUM), M.A. (Kiswahili Literature) (UDOM); PhD Kiswahili (UDOM).

Department of Social Studies.

Dr. Nassor Bakar Hamad, Bachelor of Sharia (IUA-Sudan), Master of Sharia(IUA-Sudan), PhD Sharia (IUA sudan).

Dean of Students

Mr. Shehe Suleiman Nassor, B.A. ed (MUM), M.A. (Kiswahili), (IUIU).

Warden

Suleimam Othman mku BEducation (Arabic and Kiswahil) (Sumait

Matron

Ms. Hawa Saidy Abdallah, B.Ed. (Guidance and Counseling) UDOM

Students' Counselor

Ms. Fatma Omar Mohamed, B.A. (Counseling Psychology) SUMAIT.

Admission, Registration and Certification Office

Head

Ms. Mariam Khamis Ali, BIT Application and Management (SUZA). MSc. Computer Science (UDSM).

Examinations Office Head

Mr. Khamis Fadhil, B.A. (Ed.) (UCEZ) .

Information Communication Technology Unit

IT Cordinator

Mr.Ali Omar Ali B. Eng (Computer Engineering) (Malaysia Sabah); MSc. (Computer Engineering) (KFUPM).

University Library Head

Mr. Mussa Muharami Machano, Bachelor of Library and Information Management (OUT), Diploma in Librarianship and Documentation (SLADS-Bagamoyo).

BOARD OF TRUSTEES

S/N	Name	Designation
1	Dr. Ismail Hassan Hussein	Chairman
2	Dr. Abdullah Abdulrahman Al-Sumait	Member
3	Dr. Slim Rashid Juma	Member
4	Dr. Hussam Fahd S.F. Alomirah	Member
5	Dr. Mohamed Dewa Waziri	Member

MEMBERS OF THE UNIVERSITY COUNCIL

S/N.	Name	Designation
1.	Dr. Abdulrahman S. Al-Muhailan	Chairman
2.	Sh. Mohamed H. Al-Khamees	Vice Chairman
3.	Prof. Kamal Obaid Mohammed	Member, Khartoum. Sudan
4.	Dr. Adam Ahmad Osman.	Member, Direct Aid, Tanzania Office
5.	Prof. Maged Al-Sherbiny	Member, (Senior Consultant, Higher Education Department, DA, Kuwait
6.	Principal Secretary-ministry of education zanzibar.	Member Principal secretary, Zanzibar
7.	Mr. Ali Aboud Mzee	Member, Business person, zanzibar

8.	Associate Prof. Msafiri M. Mshewa	Secretary to the University Council and Vice Chancellor, SUMAIT.
9	Associate Prof. Haji Mwevura Haji	Member, Ag.DVC Academic Affairs, SUMAIT.
10.	Prof. Yunis Abdille Musa	Member, Ag. DVC Administration and Finance
11.	Associate Prof. Mohammed Hafidh Khalfan	Member, Zanzibar
12.	Academic Staff Representative	Member, (SUMAIT Academic Staff Association (SASA) Representative
13.	Non-Academic Staff Representative	Member, (University Non-Academic Staff Association (SUNASA) Representative)
14.	Student Representative	Member, (President, University Students' Organization (SUSO)
15.	Dr. Huda Ahmed Yussuf	Member, Executive Director, Vocational Training Authority
16.	Mr. Juma Amour Mohammed	Member,

MEMBERS OF UNIVERSITY SENATE

Index No.	Name	Position	Designation
1.	Associate Prof. Msafiri M. Mshewa	Vice Chancellor	Chairperson
2.	Assoc. Prof. Haji Mwevura	Ag.DVC (Academic Affairs)	Vice Chairperson
3.	Prof. Yunis Abdille	Director CRPS and Ag. DVC (Administration and Finance)	Member
4.	Mr. Omar Haroub Ali	Legal Counsel	Secretary
4.	Dr. Antar Abdulqawiy	Dean, Faculty of Sciences	Member
5.	Dr. Bunyamin Adewale Bello	Ag. Dean, Faculty of Arts and Social Sciences	Member
7.	Ms. Sabrina Abdul-rahman	Ag. Director, Center for Profesional and Continuing Education	Member
8.	Mr. Shehe Suleiman Nassor	Dean of Students	Member
9-10	Female and Male Students' Representatives	Two Student Representatives	Members

1.0 INTRODUCTION

1.1 Background

Abdulrahman Al-Sumait University (SUMAIT) is built on the foundation of the former University College of Education Zanzibar (UCEZ), established in 1998 by a Kuwait based charity organization, Direct Aid founded in 1981.

Thus, the owner of the University is Direct Aid (DA) and it is a product of its founder, Dr. Abdulrahman Hamoud Al-Sumait (1947- 2013), an accomplished physician, philanthropist, educator, researcher, author, pioneer and DA founding member from whom the University bears its name.

The University is located at Chukwani on the Islands of Zanzibar in the United Republic of Tanzania, about 5.5 kilometres from Zanzibar's Stone Town, 2.5 kilometres from Abeid Karume International Airport and just 150 metres away from the West Coast of the Indian Ocean.

The University occupies an area of 120,000 square metres leased from the Revolutionary Government of Zanzibar. It is charmed by beautiful green scenery of trees and fragrance of blooming flowers.

The Tanzania Commission for Universities (TCU) recognizes Abdulrahman Al-Sumait University (SUMAIT), which approved it as a private University at its 63rd Meeting held on 27 March 2014.

According to the TCU guidelines, all registered students prior to the award of university upgrading status continued to graduate at the Khartoum based International University of Africa (IUA). Students who registered during the 2014/2015 Academic Year became the first graduates of Abdulrahman Al-Sumait University (SUMAIT).

Abdulrahman Al-Sumait University (SUMAIT) promotes morality, modesty, gender equality and Islamic values in shaping individual lives and developing human resource for nation development. It advances knowledge, teaching and learning, research and community engagement.

The University is proud of its national and internationally recruited academic staff from Nigeria, Kenya, Sudan, and Uganda. The current student population comprises of Tanzanians and a small proportion of International Students. The University welcomes students from Tanzania and abroad to pursue their academic and professional goals in a holistic and peacefully environment. The university has two faculties namely: Faculty of Sciences and Faculty of Arts and Social Sciences. Apart from these faculties, Abdulrahman Al-Sumait University (SUMAIT) has two

Centers: Centre for Research and Postgraduate Studies (CRPS) and Centre for Professional and Continuing Education (CPaCE) which offers certificates and diplomas at NTA levels recognized by NACTVET and TCU.

The university library supports the teaching and learning for our programs and is a member of Consortium of Tanzania University Research Libraries (COTUL). E library section has more than 50 computers for accessing E-Resources within the Library.

1.2 University Motto

“Ethics, Innovations and interpreneurship”

1.3 University Logo and Colours

The Logo is coloured in black and green consisting of two islands of Zanzibar surrounding a book and a pen and the words *ABDULRAHMAN AL-SUMAIT UNIVERSITY* and *ETHICS AND INNOVATIONS* appearing at the top and the bottom respectively.

1.4 Interpretation

In case of any confusion in the meaning of the words and phrases in this Prospectus, the interpretation of the University Senate shall prevail.

2.0 VISION, MISSION AND OBJECTIVES

The Vision, Mission and Objectives of Abdulrahman Al-Sumait University (SUMAIT) are as follows:

2.1 Vision

“To be the university of choice that promote innovation and academic Excellency; and to contribute to the socio-economic development based on Islamic value.”

2.2 Mission

“To create friendly environment for academic excellence, research, innovation and nurturing generations for promoting sustainable Socio-economic development based on Islamic Values.”

2.3 Objectives

The main objective of the University is to advance knowledge, wisdom and understanding through teaching, research, extension and consultancy and by the example and influence of its corporate life and subject to the provisions of the Charter and any other applicable law.

The University specific objectives are as follows:

- i To produce dynamic and competent human resource pool for nation building;

- ii To promote research, academic ethics, social cohesion, and Islamic cultural development for peace and harmony;
- iii To collaborate with other Higher Learning Institutions (HLIs) in Tanzania, Africa and the world at large.

2.4 Graduate Attribute

These are the qualities, knowledge and capabilities equipped to students and encouraged to take responsibility for developing throughout their studies at Abdulrahman Alsumait University. Despite graduate attributes are fostered in the context of the education curriculum, also they are aligned and integrated within the mission, vision and strategic goals of university to reflect on the broader purpose of Abdulrahman Alsumait University.

Occupationally competent and highly employable

Graduates are required to have comprehensive knowledge and understanding of their field of specialization, the ability to engage with different traditions of thought, and the ability to apply the knowledge practically including in multi-disciplinary or multi-professional contexts.

Creative and Innovative thinkers and problem solvers

This is the capacity of graduates to act and build from the imagination with analytical capability of information, complex situation and ideas to

make reasonable decision. They must be able to apply critical, creative, proactive and evidence-based thinking to conceive innovative responses both current and future challenges.

Digital Citizen

Graduates are well prepared for living, learning and working in a digital society. The possession of skills and knowledge of digital technologies is fundamental for participation in society; interact with others as well as for creation and uses digital content.

Effective collaborators

Graduates encouraged working with team to achieve common goal. Ability to adapt multicultural environment, convey ideas and information effectively to diverse groups for a variety of purposes and contribute in a positive and collaborative manner.

Efficient Entrepreneurial individuals

This is the ability of graduates to discover the opportunities, develop a strong sense of self-confidence and a spirited opinion about skills and abilities essential for a successful business. It includes best uses of resources to create long-term impact in solving community problems.

Responsible global citizens with Islamic values

Graduates accept the active roles in both locally and globally in advancing development, building more peaceful, tolerant, inclusive and secure societies. Responsible and effective global citizens whose personal values and practices are consistent with Islamic values.

Lifelong Learner

Education has no limit due to global transformation in sociocultural, environment, economic and technology. We create a culture that promotes long-term curiosity and experimentation to our students in life. We promote continuous learning, improving, and innovating to elevate the successes and address our life challenges through informal or formal education.

3.0 UNIVERSITY SERVICES AND FACILITIES

1) Abdulrahman Al-Sumait University (SUMAIT) Library

Abdulrahman Al-Sumait University (SUMAIT) Library has adequate volumes to support teaching and learning for all approved programs. Reference section can accommodate about 200 students at a time with up-to-date reference books. University E- Library section consists of more than 50 computers for accessing electronic learning resources. The University Library is the member of COTUL, which supports students and staff to access resources from university libraries in Tanzania. The University Library is open from Monday through Saturday and is closed on Sundays and public holidays.

2) Centre for Research and Postgraduate Studies (CRPS)

CRPS coordinates research, publication and consultancy activities of the University. So far, several books have been published by the Center. In December 2016, CRPS launched the University's first academic journal, Abdulrahman Al-SUMAIT University Journal (SUJ). The Journal carries academic articles in English, Arabic and Kiswahili. It is issued twice a year. MA in Sharia and Islamic jurisprudence is the first postgraduate program of the center.

3) Al - Hajiry health.

Al-Hajr Dispensary serves the University community and her neighbors. The medical services are subsidized for students, staff and neighbouring community. The consultation for students and staff is free. Laboratory services are subsidized, while medicines are sold at reasonable prices. Plans are on the way to upgrade the dispensary to a hospital.

4) Laboratories

The University has laboratories to serve the following fields: Biology, Chemistry, Physics, Geography and Computer related courses.

5) Classrooms

The University has furnished, properly ventilated and lighted classrooms and lecture halls.

6) Students Accomodation

The University provides boarding for some students. At present it has three well-furnished hostel buildings that offer comfortable accommodation for more than 400 female students. Each building is provided with a common room for recreation purpose during leisure times. Two additional buildings are rented from outside the campus to accommodate male students.

7) Masjid

The University Masjid is located at the University entrance and very close to the main road with a capacity for 1,000 worshippers.

8) Students' Activities

The University recognizes the importance of non-academic activities for students. These activities give the campus environment the diversity needed to motivate students and strengthen their social, physical and mental talents. To achieve these goals, the University has established the following:

i. Educational and Cultural Society

This society carries out educational activities such as seminars, talks, lectures. It also organizes lectures in Arabic and Kiswahili Languages to neighbouring community free of charges.

ii. Sports Society

This society organizes sports activities and tournaments locally and regionally.

iii. Abdulrahman Al-Sumait University (SUMAIT) Students' Organization (SUSO)

The Students' Organization caters for the interests of all the students at Abdulrahman Al-Sumait University (SUMAIT). Most of the students'

activities are organized by Abdulrahman Al-Sumait University (SUMAIT) Students Organization (SUSO) government. The organization is concerned primarily with promotion of the students' academic, social and recreational activities. Students are represented in the main University governance bodies.

9) ICT Building

University has ICT-Building which constructed in respect with supporting the SUMAIT community in matter relating Information and commucation technology. The building has facilities which support all level of study degree, masters as well as PhD, building has a well mastered classroom with full projected ICT equipments.

4.0 ADMISSION AND REGISTRATION

4.1 Admission Policy

The objective of the admission policy of Abdulrahman Al-Sumait University (SUMAIT) is to admit qualified students, irrespective of social, racial and religious considerations. Abdulrahman Al-Sumait University (SUMAIT) ensures that each applicant is individually assessed without bias. Once students are admitted, we ensure that they are given the academic and personal support necessary for successful completion of their programmes.

Selection criteria vary from programme to programme depending on the competition but generally selection of applicants focuses on:

- Suitability of the chosen programme.
- Academic ability and potential.
- Commitment and self discipline.

Most relevant academic records considered include Certificate of Secondary Education Examination (CSEE) and Advance Certificate of Secondary Education Examination (ACSEE) or its equivalent.

4.2 Admission Regulations

- i Any applicant who wishes to enroll in any course at the University

shall apply for admission to the Admissions and Registration Office.

- ii Application shall be made by filling an online application form through the university website.
- iii The application processing fee shall be announced for each admission cycle. Duly filled forms shall be submitted on or before a set date.
- iv The applicant shall be required to furnish the University with details of academic qualifications, home address, photocopies of academic and birth certificates and other relevant information and documents as may be needed by the University.
- v Applicants who have fulfilled all application requirements shall be given admission for the appropriate specialisations applied for.
- vi All selected students for admission must submit medical reports from the University Dispensary.
- vii Must be a full-time student.
- viii Be proficient in English (All students where their medium of instruction was not English must produce language proficiency certificate).

- ix For students taking Arabic and Islamic Studies, proficiency in both Arabic and English languages is necessary.

4.3 Minimum Entry Requirements for Degree Program

4.4 Direct Entry Qualification

- a) Two principal passes at Advanced Certificate of Secondary Education Examination or its equivalent in appropriate subjects with a minimum total point of 4.0 based on the following scale:

Grade	A	B	C	D	E
Points	5	4	3	2	1

4.5 Equivalent Qualification

An accredited Diploma with a minimum grade of B, or a minimum GPA of 3.0. TCU guidelines, for minimum entrance qualifications, will be adhered to if different from the stated.

4.6 Orientation Week

The orientation is scheduled for one week before the start of first semester of the new Academic Year. The objective of the orientation is to introduce new students to campus life, facilities, departments, library, and other relevant services; and to respond to their concerns.

4.7 Registration

All new and continuing students must register with the Admissions and Registration Office within the first two weeks of the semester. Only fully registered students have the right to attend classes.

4.8 Late Registration

Late registration may be considered with justifiable reasons and a late registration fee may apply.

4.9 Students Identity Card

All registered students will be issued with University Identity Cards. Loss of the Identity Card should be reported immediately to the Dean of Students. In that case, a new Identity Card will be issued against a replacement fee. A student shall be required to have a current University identity card which must be produced when requested by university personnel.

4.10 Changing Specialization

Any student who wishes to change his/her specialization (major) within the same program will be allowed by making a formal application to DVC (Academic Affairs) through the relevant Head of Department. The change must be completed within the first two weeks of the first semester of the student and a formal written approval must be issued for future

references.

4.11 Changing Program

TCU procedure for changing programs will be adhered to.

4.12 Transfer between Institutions

Any regular student who wishes to transfer from another institution to join the University must satisfy the requirements of the credit transfer and adhere to TCU guidelines on credit transfer. At least 50% of the program must be completed at SUMAIT.

4.13 Postponement of Studies

No student will be allowed to postpone studies after the academic year has begun except under special circumstances, such as financial, social or medical reasons. However, this must be supported by acceptable evidences where a formal written postponement letter is issued. Student must keep records of such an approval for future reference. A student may postpone studies for a maximum of two semesters.

4.14 Discontinued Students

A student who is discontinued on academic grounds may apply to start afresh at the University. Such a student may apply immediately if the new intended program of studies is different; otherwise has to wait for

a lapse of two years.

4.15 Degrees Awarded

The University awards the following degrees:

- i Bachelor of Arts with Education (BA. Ed.)
- ii Bachelor of Science with Education (BSc. Ed.)
- iii Bachelor of Arts in Counseling Psychology (BA Counseling Psychology)
- iv Bachelor of Science in Information Technology (BIT)

4.16 Duration of Study

An academic year is composed of two semesters. The length of each semester is seventeen weeks including registration and examination periods. A student is expected to graduate in six semesters with a maximum of ten semesters allowed for those with special circumstances.

4.17 Bursaries and Fees

All students are individually responsible to clear all due payments in timely manner or make special written arrangements with the University Management. A student should not attend classes at the University unless the prescribed fees have been paid. The current fee schedule is

accessible from the university official website:
<http://www.sumait.ac.tz/>.

5.0 STUDENTS' REGULATIONS

Students are required to take note of the following:

- i. All students are required to abide by the University laws, failure to do so may lead to suspension or denial of access to all or some of the University facilities.
- ii. All students are entitled to use of library services subject to the terms and conditions as may be set by the University.
- iii. All students are required to have current University identity cards.
- iv. Students are liable for the cost of replacement or repair of all materials and properties lost, damaged or defaced while in their possession.
- v. Unauthorized removal or attempted removal of any item from the university will be regarded by the University as a serious offence.
- vi. Once admitted to the University, a student is expected to behave in a socially acceptable manner contributing to the pursuit of academic goals.
- vii. All students are required to respect the rights, privileges and properties of other members of the university community and visitors to the university premises and refrain from any conduct

that would interfere with university functions or endanger the health, welfare or safety of other persons.

- viii. Students shall not tamper with classroom furniture such as tables and chairs.
- ix. Eating, drinking, smoking and bringing of food and/or drinks into the classroom are strictly prohibited.
- x. Personal electric appliances like radio ca radio, mobile phones, or player shall not be used in the classrooms without prior permission by the relevant university authority.
- xi. Use of slanderous, abusive, obscene or threatening language by any student against any other student or students or against any officer or employee of the university in the course of performance of such officer's duties, will be considered as an offensive conduct.
- xii. Sexual harassment of any kind is strictly prohibited.
- xiii. Any student who fails or refuses to attend a meeting called or authorized by the disciplinary authority or any other organ of the university when summoned to do so by a proper written notice by such authority, will face disciplinary action.
- xiv. Disorderly or disruptive behavior is strictly prohibited inside and outside of the classroom.

- xv. Any travelling or other circumstances which will involve the missing of lectures, seminars, tests, assignments, or examinations should be reported to the Head of Department who may issue a written permission.
- xvi. Dress Code should be strictly observed.

6.0 EXAMINATIONS REGULATIONS

These regulations are called the Examinations Regulations of Abdulrahman Al-Sumait University.

6.1 Examinations Committee

There shall be an Examinations Board/Committee of the University to be appointed by the Senate from time to time.

6.2 Powers of Examinations Committee

The Examinations Committee shall have the following powers:

- i To summon the student or any person or officer in relation to an alleged examination irregularity that took place during examinations;
- ii To request or interrogate any student, Invigilator or any person in relation to the examination irregularity which happened during examinations;
- iii To impose sanction on person found responsible for a guilty of such irregularity;
- iv To determine or propose action in cases of unforeseen events;
- v To consider appeals against examinations results before they are processed;

- vi To propose changes to examinations by-laws and procedure and submit to the Senate;
- vii Checking and recommend its finding on examination results to the senate;
- viii to deliberate on any reported examination irregularity;
- ix To report and recommend to the Senate any deliberations made concerning examination irregularity which happened during examinations;
- x To scrutinize appeals submitted from the Faculty Board in accordance with these by-laws for the purpose of determining their merits.
- xi To do any other function as may be assigned to it by the Senate.

6.3 Functions and Duties of Examinations Committee

The Examination Committee shall have the following functions and duties:

- i To deliberate on any examination irregularity reported in the faculty;
- ii To report and recommend to the Senate any deliberations made concerning examination irregularity which happened during

examinations;

- iii To scrutinize appeals submitted from the Faculty Board in accordance with these by-laws for the purpose of determining their merits.
- iv To address head departments or representative to hand in exams questions in due time.
- v To collect the examination papers from the department heads or representative for safe-keeping.
- vi Preparing the examinations' time-table, stamping the answer books, setting up the examination halls, circulating lists of candidates and exam regulations.
- vii Assigning the invigilators to examination halls, regarding the size of the hall and the number of students with the minimum of two invigilators per room.
- viii Recording the names of absentees, each on a separate special form.
- ix Handing over the examination papers to the invigilators together with the answer books and the special attendance forms, making sure that they tally with the number of students in each examination session.

- x Collecting the answer books and the attendance forms from the invigilators after each exam session; handing them over to the examiners; collecting the marked scripts of the examination.
- xi Handing over the marked answer books to the Examination Officer in order to be kept for three successive years before they are destroyed.
- xii Submitting a comprehensive report on the examinations to the DVC for Academic Affairs.
- xiii Preparing three files each containing a copy of all the examinations, submitting one to the Deputy Vice-Chancellor (Academic); one to the University Library; and one to the Head of the Department (together with the original copy).
- xiv Examinations Committee members (and the head of the committee) should have continuous supervision on examination proceedings.

6.4 Assessment of Examinations

1. Every student in the University shall be assessed during each academic semester in terms of his/her performance in the program of study he/she has registered.

2. The grade will be based on an end of the course examination and a course work assessment.
3. Maximum marks of any course are hundred (100) of which forty (40) marks are from continuous assessments such as tests, assignments and seminars/presentations, while sixty (60) marks shall be obtained from final examination.
4. All final examinations shall be subjected to an internal and external evaluations. Efforts should be made to have external examiners' reports during discussion and approval of examinations results.

6.5 Final Examinations (First Round Examinations)

Final Examinations shall be conducted at the end of each semester. The University Senate shall determine and set the dates for conducting examinations.

6.6 Supplementary Examinations (Second Round Examinations)

- i. Supplementary Examinations refer to the examination held for those students who failed in their Final Examinations provided that their failure is less than forty percent (40 %) of his/her total courses.

- ii. Supplementary Examinations shall be held prior to the beginning of the following semester.
- iii. Supplementary Examinations are marked out of hundred (100) and the maximum grade that can be earned shall be a Passing Grade, i.e., a C grade.

6.7 Special Examinations

- i. Where a student pursuing any program of study at the University fails to attend the whole or part of an examination under circumstances which are beyond the control of the student and communicated prior to the examination, such a student may, subject to production of authentic evidence and written approval of the Dean of the Faculty, be allowed to sit for Special Examinations.
- ii. A student who sits for special examination under the provisions of sub section (i) of this section shall be treated as if he/she is sitting for the examination for the first time.
- iii. Special examinations shall be conducted at such time, coincident with supplementary examinations, as provided for under section 6.6.

- iv. There shall not be any supplementary examination for a failed special examination.

6.8 Grading of Examinations

- i Student's progress in the semester includes 40% from Continuous Assessment and 60% from the semester Final Examination. The meaning of the grade obtained has the following common understanding as presented in Table 1.

Table1: General Meaning of the Grades

Score	Letter Grade	Grade Value	Meaning of the Grade	General Standing
70 -100	A	4.4 - 5.0	Outstanding performance though with some minor errors	Pass
60 - 69	B+	4	Generally, a very good performance with a few tolerable errors	Pass
50 - 59	B	3	Generally good work though a number of notable errors may be observed	Pass
40 - 49	C	2	Performance is average with tolerable shortcomings	Pass

30 - 39	D	1	Fail and some more work is required before Credit can be awarded	Fail
0 - 29	F	0	Fail and considerable further work is required	Fail

- ii The minimum passing score for any approved course in the University Examinations is 40% corresponding to a letter grade C.

6.9 Conditions for Examinations

A student pursuing studies at the University shall be admitted to an examination room on condition that;

- i He/she does not owe the University any fees required and or other financial dues;
- ii He/she fulfils not less than 75% of overall attendance in every subject in the semester;
- iii He/she has completed coursework for the subject being examined;
- iv He/she is not barred by any lawful order or any other law from sitting for the examination in question.
- v He/she has obtained a clearance card allowing him/her to sit in

the examination.

6.10 Examinations Instructions

- i Before the start of examination, an Invigilator shall make an announcement concerning all the necessary and important steps regarding the particular examination.
- ii Subject to sub section (i) of this section, all students shall abide by any announcement made by Invigilator in the examination room.
- iii A student shall not, while examination in session is allowed to leave the examination room for the reason of visiting the washroom except with the permission of Invigilator, provided that the Invigilator escorts the students when he/she has a reason to suspect him/her.
- iv Students shall not be allowed to communicate among themselves in the examination room.

6.11 Examinations Rules

- i Examination invigilators are to be academic staff members of the University or teaching assistants; instructors from outside the University, if need be, or senior administration staff.

- ii A student is not allowed to enter the examination hall after half an hour from the beginning of the examination.
- iii A student is not allowed to leave the exam hall before the lapse of half an hour of the beginning of the examination.
- iv The invigilator should make sure that each student signs his name on the list of attendance after showing his identity card.
- v The chief invigilator may allow a student to leave the examinations hall and return if need may arise; in this case the student would be accompanied by an invigilator.
- vi The Examination Committee may give consent that an examination may be held at a place other than the examination hall for compelling reasons.

6.12 Violation of Examinations Rules

Cheating means an illegitimate behavior through which a student obtains or tries to obtain an unfair advantage by way of:

- i Obtaining advance copy of unseen written examination; or
- ii Possessing and entering in the examination room with an unauthorized material or equipment such as books, manuscripts, bags, papers, cell phones, dress or body print or

- any other material that is prohibited; or
- iii Using any electronically stored information including calculators and mobile phones unless permitted by the Faculty or Department; or
 - iv Passing or receiving or attempting to pass or receive verbal, written or electronic communication or any other form of unfair assistance to or from another candidate or any other source during the examination; or
 - v Reading or trying to read; and copying or trying to copy from other candidates' examination scripts or answer booklets; or
 - vi Unauthorized possession of used or unused examination booklet; or
 - vii Impersonating another student or allowing a student to be impersonate; or
 - viii Any other irregularities which may cause the breach of examination Bylaws.

6.13 Invigilator's Report

An Invigilator who suspects any student of violation of examination or cheating or attempting to cheat or aiding another in examination room

shall:

- i. Annotate or record the incident on the students' examination script;
- ii. Inform the student that he/she is suspected of cheating and that a report on the matter may be made;
- iii. Take any relevant evidence for example unauthorized material.

When a student is caught cheating, the Invigilator shall write the word "examination violation" on the student's booklet, sign and fill in a special form that describes the name of the student, his/her signature, subject and nature of cheating and immediately report to the Examination Committee Member or Examination Officer.

- iv. The student who caught cheating, he/she shall be expelled from the examination room and the Invigilator shall ensure that there is no inconvenience or disturbance to other students.

6.14 Penalties for Violating Examination Rules

When convinced that a student may have violated the examinations rules, the Examination Committee should investigate and impose any of the following penalties depending on the nature of the offence committed by the student:

- i Warning the student with written undertaking that he shall not repeat misdeed.
- ii Cancel the students' exam in the Course in which he caught cheating.
- iii Cancel the students' core courses of his specialization
- iv Suspending the student for one academic year.
- v Dismissal the student from the University.

The penalties decided should be submitted to the Senate for the final approval and be displayed on the notice board of the University.

6.15 Postponement of Examinations

A student may be allowed to postpone examinations on grounds of ill health or emergency case provided the postponement has been recommended or verified by the Doctor of SUMAIT Dispensary and accepted by the University authority. The medical report should certify that the student is unable to sit for the examinations.

6.16 Absence from Examination

- i. Any student who deliberately absents himself/herself from any examination(s) without any documented authorization will score a zero for final examination(s) and may be discontinued.

- ii. Any student who absents himself/herself for genuine or acceptable reasons will have to provide evidences for such absence which may include a medical report from a Hospital/Doctor on or before the due examination date.
- iii. Medical Report must be duly certified by Abdulrahman Al-Sumait University (SUMAIT) 's Doctor who shall certify that the student is unable to sit for the examination(s).
- iv. A student who shall be absent from examination(s) for acceptable reason(s) shall be allowed to sit for a 'Special Examination'.

6.17 Student becoming sick during Examination

- i. Where a student becomes sick during the examination session, the Invigilator shall write a report about sickness of the student and that student shall be required to consult a recognized medical doctor who shall give a medical report of the student.
- ii. Subject to the provision of sub section (1) of this section, a student who becomes sick may be allowed to sit for special examination.

6.18 Status of a Failing Student

- i. A student who fails in 60% or more of his/her courses shall be discontinued.
- ii. A student who fails in 40% or more, but less than 60%, of his/her courses shall repeat the semester. If the student is repeating the current semester, he or she shall be discontinued. A semester can only be repeated once.
- iii. A student who fails in less than 40% of the courses, he/she shall be allowed to do supplementary examinations.
- iv. Review of the examinations results of students with some special examinations may be done during the evaluation of second round examination results of the semester.
- v. A student who fails in three (3) or more courses after the second round of examinations shall repeat the semester. If the student is repeating the current semester, he or she shall be discontinued.
- vi. A student who fails in less than three (3) courses after the second round of examinations and has a GPA of less than 2.0 shall repeat the semester. If the student is repeating the current semester, he or she shall be discontinued.
- vii. A student who fails in less than three (3) courses after the second round of examinations and has a GPA that is greater than or equal

to 2.0 shall be allowed to repeat the failed courses as 'Carry Over' when next available and shall be liable to pay a fee proportionate to his/her fees structure which shall be determined by the Senate each year.

- viii. If the cumulative carry over courses of the student, under the provision of sub section (vii) of this section, exceeds two (2) he or she shall not be allowed to 'Carry Over' and continue with the next semester. The student will STOP and CLEAR all courses before proceeding with the next semester.

6.19 Carry Over and 'Stop and Clear' Course

A student with a Carry Over or a Stop and Clear course must register when the course is next available and shall be liable to pay a fee proportionate to his/her fees structure which shall be determined by the Senate each year. The student will attend lectures and carry out all the Continuous Assessment work as if he/she is taking the course for the first time. The student will earn a full grade

6.20 Conditions for Discontinuation

A Abdulrahman Al-Sumait University (SUMAIT) Student shall be discontinued if one of the following conditions is applicable:

1. Failed in sixty percent (60 %) or more of his/her total number of courses.
2. Failed enough to get a second “Repeat Semester” for the same semester.
3. Caught in repeated cheating in examinations.
4. If a student commits a gross misconduct or endanger the general peace of the University and the University Senate is convinced that this student is unfit to be at the University.
5. All discontinuation decisions must be approved by the University Senate.

6.21 Final Examinations Grade

The final grade score for the degree shall be computed from the cumulative grade point average by rounding downwards to one decimal point. The degree classification will be determined as in Table 2 below:

Table2: Final Examination Grade

Degree Classification	Grade	GPA
First Class	A	4.4 - 5.0
Upper Second	B+	3.5 - 4.3

Lower Second	B	2.7 – 3.4
Pass	C	2.0 – 2.6

6.22 Endorsement of the Examination Results

The examination results are endorsed by the Faculty Board then submitted to the University Senate for final endorsement and approval.

6.23 Publication of Examination Results

The provisional results of the students in every semester examination shall be published on student's records system accessible through the university website soon after the approval by the Faculty Board.

6.24 Span Period of Study for Degree

All students shall have to complete all the requirements for the award of B.A. with Education; B.Sc. with Education; B.A.; B.Sc. degrees within a total period of Ten (10) Semesters.

6.25 Graduation Requirements

Graduation requirements are met when a student successfully completes all the prescribed courses. These comprise of the University requirements; the core and elective courses; and

education courses for those pursuing degrees with education.

6.26 Failing to Meet Graduation Requirements

If student fails to meet graduation requirements within the period provided by these regulations i.e. 10 semesters, then he/she will not earn a degree.

6.27 Postponement of Studies

The University Senate may allow a student to postpone studies for maximum two semesters. During this period the student retains the previously attained averages. Unattended period shall be included in the allowed duration of stay in the University provided by these Regulations.

7.0 ACADEMIC PROGRAMMES AND SUMMARY OF COURSE DISTRIBUTION

SUMMARY OF CREDITS AND COURSE DISTRIBUTION FOR B.A.(ED.) AND B.SC. (ED.) PROGRAMMES

Number	Item	Frequency of Offering	No. of Credits
1.	Major Subject I	6 Semester	120
2.	Major Subject II	6 Semester	120
3.	Education Subject	6 Semester	90
4.	Compulsory University Courses		
4.1	Islamic Culture	2 Semester	15.0
4.2	Arabic Language	2 Semester	12.5
4.3	Communication Skills	2 Semester	12.5
Total			40
GRAND TOTAL CREDITS			370

Summary of the course distribution and credits

1. Major Subject I

1) Core Courses: 12
Credits 97.5

2) Elective Courses: 3
Credits 22.5

Total Credits: 120

2. Major Subject II

1) Core Courses: 12
Credits: 97.5

2) Elective Courses: 3
Credits: 22.5

Total Credits: 120

3. Education Subject

1) Core Courses: 10
Credits: 75

2) Elective Courses: 2
Credits: 15

Total Credits: 90

4. Compulsory University Courses

1) Islamic Culture I
Credits: 7.5

2) Islamic Culture II
Credits: 7.5

3) Arabic Language Skills I
Credits: 7.5

4) Arabic Language Skills II
Credits: 5.0

5) Communication Skills I
Credits: 7.5

6) Communication Skills II
Credits: 5.0

Total Credits: 40

1) Core courses: are deemed essential which the student must take.

2) Elective courses: are chosen by a student from a number of offered optional courses in a curriculum. Elective courses are normally offered in the 3rd, 4th and 5th semesters.

3) Compulsory University Courses: are a must for all students of the University.

7.1 FACULTY OF ARTS AND SOCIAL SCIENCES

The Faculty of Arts and Social Sciences is one of the two faculties at the university. It has five departments: Education, Counseling and Psychology, Social Studies, Linguistics, Islamic studies and Sharia, and Arabic.

7.1.1 post graduate.

Master of Sharia and Islamic jurisprudence

Summary of master's Courses

Semester One: 60 Credits

Course Code	Course Title
MIJ 1301	The History of Islamic Jurisprudence
MIJ 1302	Principles of Islamic Jurisprudence I
MIJ 1303	Objectives of Shari'ah

MIJ 1304	Jurisprudential Legal Maxims
MIJ 1305	Operational Principles of Islamic Banking System
Semester Two: 60 Credits	
MIJ 2306	Basic Administrative Skills
MIJ 2307	Principles of Islamic Jurisprudence II
MIJ 2308	Islamic Political Thought
MIJ 2309	Islamic Criminal Law
MIJ 2310	The Management of Islamic institution in Zanzibar (Kadhi's Court, Mufti' Office, Endowment and Trust Fund)
MIJ 2311	Thesis
Total	

Summary of master's Courses

MIJ 1302: PRINCIPLES OF ISLAMIC JURISPRUDENCE I (*USOOL AL-FIQH*)

Course Status:	Core
Credit Rating:	10 Credits
Level:	1st year students
Semester:	1st Semester
Total hours:	100 Hours

Course Aim

The aim of this Module is to: guide the students to appreciate the contributions made by Muslim scholars in the field of Islamic Jurisprudence; lead the students to articulate major issues related to Islamic Jurisprudence; equip the students with necessary tools needed to comprehend and analyse issues within the Islamic Jurisprudential perspective; prepare students in both knowledge and skills to be competent enough in the field of Islamic jurisprudence and its application in contemporary issues.

Course Description

This course highlights on: Definition of *'IlmUsool al-Fishy*; authenticating of *'IlmUsool al-Fiqh* as a benchmark for all concerned studies in the field before and after authentication; analytical study of the principles of Islamic jurisprudence; the historical development of Islamic jurisprudence; the leading figures and scholars of Islamic jurisprudence and their major contributions in this field; the emergence of various schools of thoughts in as far as Islamic jurisprudence is concerned; the relationship of Islamic jurisprudence and other branches of Islamic knowledge; the study of *'Ilm al-Usool* Principles of Islamic Jurisprudence as well as highlighting its development and authentication; opportunity to study major schools of thoughts in *Usool al-Fiqh*, their leading imams as well as their bibliographic literature in this subject; major scholars in different schools of thoughts and their major contributions; performing a comparative survey of *'Ilm Usool al-Fiqh* from formation stage to contemporary stage; linguistic connotation of terms and terminologies in Qur'an with particular reference to *al-'Am* (General), *al-Khaas* (Specific), *al-Mujmal* (Concise), *al-Muhkam* (Self-explanatory) and *al-Mutashabih* (Ambiguous).

Expected Learning Outcomes

By the end of this course, Students are expected to: Demonstrate their knowledge on sources of Islamic law; Extract and analyze textual proofs from their sources and be able to harmonize some texts which seem to

contradict each other; Apply methodologies which were used by early Muslim scholars in independent legal reasoning; Find solutions on any contemporary issues which may have not been dealt with by texts or independent legal reasoning of scholars.

MIJ 1303: OBJECTIVES OF SHARI’AH

Course Status:	Core
Credit Rating:	10 Credits
Level:	1st year students
Semester:	1st Semester
Total hours:	100 Hours
Course Aim	

This module aims at: guiding students to identify Objectives of Shari’ah from their primary sources; building students capacity and ability in extracting wisdom and rationale behind each legal injunction; training the students on how to apply a linkage between legal injunctions and their objectives.

Course Description

This course will cover the following areas: definition of ‘Objectives of Shari’ah’ and the difference between legislator’s objectives (the Creator) and the people’ objectives (Allah’s Creatures); definition of other terms such as: *al-Hikmah*, *al-’Ilah* and *al-Masalih* (wisdom, justification and public interests respectively); identifying the difference between objectives and means and finding the linkage between them; the emergence of earlier discussion and discourse on the issue of ‘Objectives of Shari’ah’ and its pioneers; objectives of Shari’ah as a new branch of knowledge and its relationship with both *Usool al-Fiqh* and Legal Maxims; the process of identifying Objectives of Shari’ah through the methods of rationalization of legal injunctions, realization of public interests and avoidance of public harm; division of Objectives into public and specific, with reference to their five necessities which are also the universal human objectives; issues of Universal Human Objectives of

Shari’ah; study from original and primary sources of Shari’ah in what constitute these objectives as well as building their capacity to justify the existence of each particular law or legislation and link to its objective by a way of logical inference and rationalization.

Expected Learning Outcomes:

By the end of this course, Students are expected to: Identify and explain the objectives of Sharia their roots and their implication on people’s daily life; Distinguish between the ‘Objectives of Sharia’ and ‘Legal Maxims’ as well as establishing the relationship between the two; Relate the objectives of Sharia to universal human objectives and universal human rights; Apply Islamic legal injunctions to their intended objectives; Extract wisdom and rationale behind each Islamic legal injunction; Provide analytical critique to authors in the field of “Objectives of Sharia” and evaluate their contributions

MIJ 1304: JURISPRUDENTIAL LEGAL MAXIMS

Course Status:	Core
Credit Rating:	10 Credits
Level:	1st year students
Semester:	1st Semester
Total hours:	100 Hours

Course Aim

The aim of this module is to: familiarize the students, with the concept, structure and terminology of *fiqh*; examine factors, which led to the development of Islamic legal Thought as well as its stagnation; enable the students to gain an awareness of the relevance of Islamic Law to the contemporary needs of Muslim societies; guide the students into legal maxims as a subject and to be able to differentiate between legal maxims and legal theories; build a jurisprudential capacity of students to become

jurists who are able to cope with new rising legal issues in this contemporary world; guide the students into bibliographic literature of sources related to this subject.

Course Description

The course covers the following areas: definition of legal jurisprudential maxims as a subject; differentiation between Islamic Legal Maxims and other maxims with similar linguistic connotation by making comparative survey on: (legal maxims and legal frameworks, legal maxims and Jurisprudential maxims, legal maxims and legal theories); historical development of legal maxims as a subject and the phases it passed through; studying the developmental process of legal maxims and stages they passed thorough including: formation, stabilization and climax stages; the legality of maxims and their origins; bibliographic literatures on legal maxims representing different schools of thoughts as well as methodological approach of scholars in the subject; analysing legal maxims in terms of their meaning, implication, application and their root origin, an example of these maxims include the following: (things are judged and determined by their intentions, certainty is removed by uncertainty or doubt, hardship brings easiness and leniency (Hardship begets ease), necessities make forbidden things lawful, harm is to be removed; good customs are upheld)).

Expected Learning Outcomes:

By the end of this course, Students are expected to: Demonstrate knowledge and understanding of the basic concepts in Fiqh; explain how the ruling or *al-Hukm* is derived in Islamic Law throughout the Islamic History; demonstrate knowledge and understanding of various sources of Islamic law and the basic difference between these sources; describe Islamic legal maxims together with their application on modern issues; outline various stages through which Islamic law has gone through, and what are the basic differences between each stage starting from time of Prophet until modern

time; identify the importance of *Ijtihad* and disadvantage of having *Taqlid* in their life

MIJ 1305: OPERATIONAL PRINCIPLES OF ISLAMIC BANKING SYSTEM

Course Status:	Core
Credit Rating:	20 Credits
Level:	1st year students
Semester:	1st Semester
Total hours:	200 Hours

Course Aim

This module aims at: guiding students to understand and appreciate the evolution and emergence of Islamic banks; building students capacity to differentiate between Islamic and conventional banking systems; grasping the concept of Shari'ah advisory/regulatory procedures for an Islamic Bank; building students capacity to be able to deal with new rising issues and problems from Islamic banking as well as issues of Islamic insurance; grasping the jurisprudential foundations of which an Islamic bank can be established or to transform an existing conventional bank into an Islamic bank.

Course Description

The following areas are covered in this module: why Study Islamic Banking and finance; the emergence of Islamic banking system in the world in comparison with conventional commercial banks; the establishment of conventional banks and their legal framework; the establishment of Islamic banks and their legal framework and operations; financing sources internally and externally for Islamic banks; Islamic Commercial Law; Islamic perspective on wealth and money; prohibited transactions; *Musharaka* and *Mudaraba* modes of financing (Equity based); *Murabahah* and *Ijarah* modes of financing; *Salam* and *Istisna* modes of financing; Islamic Financial

Markets, funds and shares; *Sukuk* (investment certificates); Product development; Digital economy and FinTech; Investing and financing in Islamic banks and policies in comparison with conventional banks; issues of investments, financial services and project financing; Measurement and distribution of dividends in an Islamic bank; distribution of profit dividends among its shareholders within the Islamic Banks; the Shari'ah advisory/regulatory procedures; services offered by Islamic banks: documents, (securities, banknotes, deposits etc.); steps towards transforming from conventional to Islamic Bank; problems facing Islamic Banks.

Expected Learning Outcomes:

By the end of this course, Students are expected to: identify the core principles of the Islamic financial system; explain the various norms and prohibitions that govern activities and contracts in the Islamic financial system; differentiate between the Islamic financial system, and its institutions, and the conventional system; apply some of the basic modes of Islamic finance; elaborate the aims of Islamic finance in contemporary society; identify and describe the main principles and prohibitions in Islamic banking and finance; develop an understanding of how different Islamic modes of financing work; compare and contrast different banking and finance products with respect to different industry standards and practices; develop confidence in explaining features of each mode of financing; apply rules of Islamic banking on contemporary transactions and analyze them for Shari'ah compliancy.

MIJ 2306: BASIC ADMINISTRATIVE SKILLS

Course Status:	Core
Credit Rating:	12.5 Credits
Level:	1st year students
Semester:	2nd Semester
Total hours:	125 Hours

Course Aim:

This Module aims at the following: bringing to the students the different concepts of educational administration; identifying the characteristics and qualities of a successful educational administration; building students' abilities to compare and contrast between the classical Islamic concepts of administration and modern trends; building students' capacities to move from partial outlook of administrative functions into a more comprehensive one, and be able to make strategic decisions which may transform the face of an organization; to make students understand that administration concepts are dynamic so they can be innovative to be at par with current realities.

Course Description

The course covers the following areas: the concept of administration and management, organization, establishment; administration as a system, arts and science; the Manager: (his/her roles, functions and skills); types of managers and administrators; administration of an organization; the administrative philosophical theories; modern trends in administration and strategies; the strategic administration: Human capital and resources and strategic planning; administration and how it relates to local environment; planning and decision making; how to promote the mission and vision of an organization; building a sense of responsibility in the administration; job satisfaction and incentives; directing, inspiring, communicating and monitoring; detecting the future challenges and opportunities of an organization.

Expected Learning Outcomes

By the end of this course, Students are expected to: explain the basic concepts of administration and management; differentiate between the arts and science of administration; elaborate analytically the theories of

administration and how to interpret them in to an organization; demonstrate ability to analyze appropriate concepts of Educational administration; demonstrate ability to solve problems emanating from administrative problems; exhibit the dynamism of administration; apply acquired administrative skills to organizations or institutions; create a strategic plan for an organization; demonstrate ability to apply best practices in resource and human management.

MIJ 2307: PRINCIPLES OF ISLAMIC JURISPRUDENCE II

Course Status:	Core
Credit Rating:	12.5 Credits
Level:	1st year students
Semester:	2nd Semester
Total hours:	125 Hours

Course Aim

This Module aims at the following: Guiding the students to the role of *ijtihad* and its impact in keeping the Shari’ah Islamic law intact, vibrant and dynamic with flexibility and ability to cope with rising issues in contemporary world; introducing students to the importance of *ijtihad* (scholarly process to enact law) as a tool to validate Islamic law; leading the students to understand the concept of *taqlid* (imitation) and under which circumstances imitation is to be allowed; guiding the students to the necessary tools propounded by scholars to become a “*Mujtahid*” independent thinker who can give or make legal verdict (*Fatwa*).

Course Description

This course covers the following areas: Definition of *ijtihad* and *Qiyas* as tools for modernization in as far as Islamic law is concerned; the practice of

ijtihad during the time of Prophet Muhammad SAW, his companions and imams' generations; importance of *ijtihad* (scholarly process to enact law) as a tool to validate Islamic law and to make it compatible with new rising contemporary issues; types of *Qiyas* and how it operates; the amount of *taqlid* allowed and prescribed conditions attached to this allowance; apparent contradiction and correlation; legal verdict and the process of issuing it; jurisprudential approach in corresponding to emerging issues.

Expected Learning Outcomes

By the end of this course, Students are expected to: Demonstrate their knowledge on '*ijtihad*' and tools which keep Islamic Sharia vibrant and dynamic; apply scholarly tools to enact law and legal verdict; identify the extent to where '*imitation*' or adopting unsubstantiated evidence is allowed; correlate what appears to be conflicting injunctions and how to harmonize them; demonstrate the process limitations and delimitations of issuing a '*fatwa*' or legal verdict based on the laid down principles.

MIJ 2308: ISLAMIC POLITICAL THOUGHT

Course Status:	Core
Credit Rating:	10 Credits
Level:	1st year students
Semester:	2nd Semester
Total hours:	100 Hours

Course Aim

This Module aims at the following: Guiding students towards general understanding and appreciation of an Islamic jurisprudential perspective on state and governance.

Course Description

This course seeks to explore the following: Islamic political thought and how state values of justice, peace, rights and equality are cherished by Islam; to establish the foundations of which an Islamic state is based on them; identifying key core values of a state in an Islamic perspective; functions and good governance of an Islamic state; power change and peaceful power transition as a shared value between ruler and his citizens; revenues of an Islamic state including: human, financial as well as mineral and income generated revenues; outlets of wealth distribution in order to realize a prosperous welfare state.

Expected Learning Outcomes:

By the end of this course, Students are expected to: Explain the core values of an Islamic state; define the importance of good governance of an Islamic state; implement the ideas relating to the establishment of good governance of an Islamic state to formulate a democratic society; differentiate between the good ideas of an Islamic political thought and other ideas of political thought; demonstrate ability to showcase concepts of power change and peaceful power transition as shared value between ruler and his citizens; elaborate and exemplify sources of revenues in an Islamic state and outlets of wealth distribution in order to create a welfare and prosperous state.

MIJ 2309: ISLAMIC CRIMINAL LAW

Course Status:	Core
Credit Rating:	10 Credits
Level:	1st year students
Semester:	2nd Semester
Total hours:	100 Hours

Course Aim

This Module aims at the following: Guiding students to differentiate between offences and their corresponding punishment; introducing the students to understand all types of murder and the types of *hudood* punishments; understanding the meaning and implication of giving witnessing and testimony and matters related to procedures; guiding students to understand and appreciate issues of blood money in lieu of retribution.

Course Description

This course seeks to explore the following issues: Islamic Criminal Law such as criminal activities and what constitute a crime in Shari’ah and the Islamic approach to minimize or curb crimes in a society; retribution, *hudood* punishments and all matters related to *diya* blood money; definition of offences and their types; murder, willful murder, homicide; retribution punishments and their conditions; reconciliation and forgiving the right of retribution; blood money and monetary compensation for offences.

Expected Learning Outcomes

By the end of this course the students are expected to: demonstrate the real meaning and aims of Islamic criminal law; identify and exemplify the significance of Islamic criminal law in maintaining law and order in a society; extract the wisdom of Islamic criminal law in upholding peace and peaceful coexistence between members of a society; compare and contrast the Islamic Criminal with the International criminal law; analyse all types of murders and their respective punishments; realize the meaning and implication of giving witnessing and testimony and matters related to procedures.

MIJ 2310: THE MANAGEMENT OF ISLAMIC INSTITUTIONS IN ZANZIBAR (KADHI’S COURT, MUFT OFFICE, ENDOWMENT AND TRUST FUND)

Course Status: Core

Credit Rating: 15 Credits

Level:	1st year students
Semester:	2nd Semester
Total hours:	150 Hours

Course Aim

This Module aims at the following: Equipping the student with hands on knowledge on how the institutions of; Kadhi's Office, the Mufti's Office and the Endowment Trust Fund work; study the legal framework from the Zanzibar constitution on the formation and functions of these institutions; practically study and evaluate the operations of these institutions; to perform an overhaul survey on these institutions to grasp the areas of strength and weaknesses in order to suggest accordingly.

Course Description

This course is more of practical than theoretical as it seeks to guide the student on the performance, functions and achievements of three major Islamic institutions which have been introduced by the Zanzibar law to cater for the affairs of Muslims in Zanzibar; these institutions are namely; the Kadhi's Court, the Mufti's Office and the Zanzibar Endowment Trust Commission (Wakfu na Mali ya Amana). The students in this course are expected to learn and appreciate the introduction of these institutions, their legal framework and functions as well as their achievements since inception up to date. They are also expected to have an overview on the major operations of these institutions to grasp their philosophies and be able to critically evaluate them for better outcome.

Expected Learning Outcomes

By the end of this course, Students are expected to: Identify the Government's Islamic Institutions in terms of their origin and statutes; explain and evaluate the statutory laws which established these institutions; highlight functions,

activities and achievements of these institutions; evaluate the beneficial role of these institutions to the Zanzibar society; gauge the customer satisfaction of the services provided by the staff of these institutions

YEAR TWO

Semester Three and Semester Four: Seminar presentations, Research and Dissertation Writing, preparation of papers for publication

3.0. Duration of Study

For the purpose of this programme a student is expected to graduate in four semesters. Additional time will be awarded by the Senate in special circumstances.

5.0. Proposal Writing

Title of a Proposal

The title should be specific, brief and informative. The title ought to hint at the nature of the research problem being addressed, the questions being answered and the objectives being pursued.

Chapter One

Introduction

It must be a short paragraph (not more than four sentences) offering a summary of the contents of the chapter.

Background of the study

Offers the background of the topic/problem being studied. Briefly explain how a particular problem has arisen and why it is a problem.

Significance of the study

Justifies the research exercise in terms of social or theoretical significance. Also shows practical import of the study in expanding the frontiers of knowledge. This section identifies any expected benefits from study

Statement of the problem

It offers (i) practical (common sense) definition of the problem. (*viz. existence of an epidemic of alcohol abuse among university female students*); (ii) theoretical definition of the problem *viz. existence of contradicting theoretical and/or empirical relationship in the phenomenon being studied (viz. only lower income girls seem to abuse alcohol)*. It shows the dimension of the problem using some indicators. It defines boundaries of research activity *viz. scope or geographical coverage*.

Objectives of the study

States what the research seeks to achieve or questions answered at the completion of the research project. This is especially important in student theses because it is the basis for evaluating whether the research has accomplished what it set out to do.

Limitations

Scope of the study

Definition of the key terms

Chapter Two

Literature Review

The review must present relevant theories and empirical studies on the subject.

Empirical studies must be reviewed in terms of where the research was done, research questions, objectives, design, measurement, data analysis, the findings as well as conclusions reached.

Sub-headings

- Introduction
- Brief historical overview of the research on the question or problem studied.
- The major authors and/or schools of thought regarding this problem:

- (i) The different explanation of the problem or question studied that these authors have proposed.
 - (ii) If pertinent, the major debates and competing explanations of the problem.
- The important recent empirical studies and the results (and research methods) of these studies that are pertinent for this research project.
 - The major concepts, dimensions or factors thought to be important explanations of the problem or solution being investigated. (These will be relevant guidelines for questions, interview guides or questionnaires in the research).
 - The research gap, that is, given the review of the state of the current theoretical explanation, how this research intends to add to the knowledge and explanation regarding the problem studied.
 - Given the research gap, summarize the explanatory theoretical framework for this research and hypotheses regarding the research questions in this study.

Chapter Three –Method and Design

This chapter presents the research method and design adopted in the study. It describes the research procedure in details, namely;

- (i) **General Research approach** (quantitative, qualitative, etc.)
- (ii) **Research design**
 - The major areas of data that will be obtained to achieve the research objectives and verify the hypotheses of the study

- Research approaches needed to obtain the required data (case study, analytical survey, experimental, combination of qualitative and/or quantitative, etc.)

(iii) Operational design

- Rules for measuring or observing concepts and variables.
- Operational design to obtain solid verification of the hypothesis and verification of the major explanatory factors.
- Statistical design: handling intervening and extraneous factors.

(iv) Sampling procedures

These guarantee that the data is representative and a basis for generalizing the conclusions.

(v) Data collection techniques

(interviewing procedures, participation observation, case histories, etc.).

(vi) Data analysis strategies

The use of software such as SPSS for quantitative data or ATLAS for qualitative data.

(vii) Limitations

Describes factors that may limit the study from being scientific enough in terms of external validity.

References

The list of books, journals, conference papers etc cited

6.0. Dissertation Writing

Dissertation is the final research report written after the completion of data collection and analysis. It offers, among other things, findings and conclusions. The report must include: declaration, table of contents, acknowledgements and an abstract.

Language: The dissertation shall be written in Arabic with abstract written in English.

Abstract

Offers a summary of research problem, questions, objectives, significance, methodology, findings and major conclusions. It must be readable and self-contained. It must describe the study's purpose and the thesis as well as how data was analysed, or texts used as evidence in support of any claims.

CHAPTER ONE

Introduction

Background of the study (Background of the problem in terms of research question (s), objectives or purpose and significance Research problem etc.

CHAPTER TWO

Literature Review

- Presents the pertinent and relevant theories and empirical studies reviewed on the subject area.
- A review of empirical studies ought to show the place where research was done, research questions that guided the study, objectives of the study, the design, measurement, data analysis, the findings and conclusions.
- The review must show theoretical/empirical debates associated with the research concepts.

CHAPTER THREE

Methodology

- Presents how the research problem was studied by indicating the research approach and design, operational and statistical designs.
- Describing and warranting the data sources, settings and collection strategies and data analysis strategy.
- Describing the data analysis procedures
- Address validity issues associated with design.

CHAPTER FOUR

Findings

- Introductory data on how the data was analysed.
- What are important findings and observations?
- Offer a description of results with brief explanations: demography of respondents, data handling (transcriptions, translation etc.)

CHAPTER FIVE

Discussions and Conclusions

- Discusses the findings in the light of the original objectives.
- Evaluate how these findings suggests the modification of hypotheses and current theory regarding the problem studied.
- Show limitations of this study.
- Makes action recommendation regarding the problem studied
- Suggests directions of future study which are based on the evidence from findings presented in the previous chapter and the discussions here.

REFERENCES

Appendices

Tables, figures, charts and other annexure

Thesis Binding

All theses/dissertations shall be bound in hard cover, perfect binding (not spiral). Each shall carry a colour according to the level of qualification as follows:

	Qualification	Colour
1.	Postgraduate Diplomas	Blue
2.	MA Degree	Brown
3.	Doctorate	Black

Presentation

A4 White paper one side

Body Text

Typeface – Times New Roman (For English), Al-Majlis (Arabic)

Font – (12" For English), (10" English Reference) (16 "Arabic Text) (12" Arabic Reference)

Double spacing

Thesis Copies: 7

1.0. Defence Panel Committee (DPC)

	Qualification	Position
1.	Senior Scholar appointed by Postgraduate Studies Committee	Chairman
2.	Director, Postgraduate Studies	Secretary
3.	Supervisor	Member
4.	External Examiner	Member
5.	Internal Examiner	Member

Department of Education

The Department of Education is responsible for all educational courses at undergraduate level leading to the award of Bachelor of Arts with Education and Bachelor of Science with Education. Every student is required to undertake core courses and elective courses according to the number of credits in order to qualify a Bachelor Degree in double major subject specializations with Education.

The Education and Psychology related courses will enable students to understand how to handle classes and manage teaching activities as well

as understand different issues in education. Students also will be able to help in conducting researches dealing with education. These researches will expose the students to think about graduate studies as well as probe into educational issues relating to education and teaching.

Summary of Education Courses

Semester	S/No.	Course Code	Course Title	Credits
1st	01	ED 111	Foundations of Education	7.5
	02	ED 112	Developmental Psychology	7.5
	Total			15
2nd	03	ED 121	History and System of Education in Africa	7.5
	04	ED 122	General Methods of Teaching	7.5
	Total			15
3rd	05	ED 231	Curriculum Development and Evaluation	7.5
	06	ED 232	Educational Media and Technology	7.5
	Total			15
4th	07	ED241	Educational Research Methods	7.5

	08	ED 242	Special Methods of Teaching i) Biology ii) Chemistry iii) English iv) Geography v) History vi) Kiswahili vii) Mathematics viii) Computer ix) Physics	7.5
	09	ED243	Teaching Practice I	4
	Total			19
5th	10	ED 351	Educational Psychology	7.5
	11	ED 352	Educational Measurement and Evaluation	7.5
	12	ED353	Teaching practice II	3.5
	Total			18.5
6th	13	ED 361	School Administration	7.5
	Total			7.5
			GRAND TOTAL	90

ED 111: FOUNDATIONS OF EDUCATION

Course Status: Core course

Credit Rating: 7.5 Credits

Level: 1st year students

Semester: 1st Semester

Course Description:

The course exposes a short description on the foundations and philosophy of education. The course puts emphasis on the concepts of education, types of goals/purposes objectives/aims, and the principles that govern educational practices and systems.

ED 112: DEVELOPMENTAL PSYCHOLOGY

Course Status:	Core course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description:

As human beings, understanding human development, our own as well as that of other persons, is generally a lifelong endeavour. We learn a great deal from informal observation and experience. However, without formal training in scientific observation and analysis, we often remain at the mercy of our own prejudices and limited experiences. This course can provide us with rich insights into the course of individual human development.

The course is based on the rationale that prospective teachers need to understand how learning takes place, what influences it and how it can be maximised. This knowledge will help equip them with skills and competencies in the art of teaching and handling educational activities effectively. Theories and concepts will give the prospective teachers a frame of reference on which to base their practice.

ED 121: HISTORY AND SYSTEMS OF EDUCATION IN AFRICA

Course Status:	Core course
Credit Rating:	5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The purpose of this course is to provide a foundation on the evolution of western education to student teachers. The course will make students understand education systems of today by exploring the developments of theories and practices in education. Hence, changes from ancient education through middleages as well as indigenous African education and Islamic education are very important in the study of western education in Africa from colonial and post-colonial times. Moreover, the course will prepare student teachers to examine present and dynamics education, draw practical lessons from the past, avoid possible mistakes, and initiate more viable plans for the benefit of society.

ED 122 GENERAL METHODS OF TEACHING

Course Status:	Core course
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Credit Rating: 7.5 Credits
Level: 1st year students
Semester: 2nd Semester

Course Description

Educationists have been struggling to develop methods that can optimize the attainment of teaching and learning objectives. Every teacher is faced with the responsibility of selecting and designing suitable learning experiences to provide optimal learning opportunities for the students.

This course develops a student's understanding of teaching issues such as the learner-centred paradigm, lesson planning, teaching strategies and creating conducive environments, and ways of evaluating teaching and learning effectiveness.

ED 231: CURRICULUM DEVELOPMENT AND EVALUATION

Course Status: Core course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 4th semester

Course Description

The course is designed to equip students with the knowledge of curriculum development analysis and evaluation of school subjects. It will also expose students into important curriculum matters (elements, sources, influences and implementation of the curriculum). The course will introduce the students on the relationship between the curriculum, teaching and learning.

ED 232: EDUCATIONAL MEDIA AND TECHNOLOGY

Course Status:	Core course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th semester

Course Description

The course is designed to help students to be familiarized with basic concepts of Educational Media and Technology. Therefore, the aim of this course is to help students become more effective teachers, so that they can make their learners be more interested and motivated to the teaching – learning process.

The main emphasis of the course will be laid on the basic conceptual understanding on Educational Media and Technology, criteria for media

selection planning and utilization of media (i.e., ASSURE Model), system approach to instruction and using technology in teaching. The course is also intended to enable students to understand the basic theoretical knowledge, skills and process of improving classroom communication.

ED 241: EDUCATIONAL RESEARCH METHODS

Course Status:	Core course
Course Rating:	7.5 Credits
Level:	3rd year students
Semester:	4th Semester

Course Description

This course is designed to introduce and familiarize learners with basic principles of educational research. The course will equip learners with basic skills and enhance their knowledge and competence in conducting scientific educational research. The course intends to expose learners with the most appropriate research methodology and analysis and the use of research results in making constructive educational decisions. Main areas that will be covered include: key research concepts and types, literature review, research proposal and research design, research methods,

sampling, data collection, data analysis and research report writing.

ED 242: SPECIAL METHODS OF TEACHING BIOLOGY

Course Status:	Core course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th semester

Course Description

Biology teachers are expected to use effective methods to impart knowledge of the subject to their learners. An ex-secondary-school student will understand competently what surrounds him, use the acquired knowledge, take advantage of immediate natural environment, and be prepared for further studies, if good methods are used.

The objective of teaching this course is to mould a university student and prepare him/her to become a teacher, to master an effective way of transferring biological knowledge to the younger generation. By effective way here it means making secondary school students acquire biological knowledge and skills competent enough to pass their Ordinary and Advanced Levels examinations.

ED 242: SPECIAL METHODS OF TEACHING ENGLISH

Course Status:	Core course
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Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 4th semester

Course Description

This course explores how English teaching and curriculum can be organized and managed for effective learning. It combines theory with practice in considering the skills and understanding required for English teaching in a secondary school. The course will develop proficient, professional and reflective teachers who can apply their educational studies to design, organise and evaluate methods and materials for English teaching. Teachers should be synthesized on aspects of commitment and awareness of current educational theory and practice.

ED 242: SPECIAL METHODS OF TEACHING GEOGRAPHY

Course Status: Core course
Credit Rating: 7.5 credits
Level: 2nd year students
Semester: 4th semester

Course Description

This course is designed to enable the second year students studying

Geography to understand the nature of the subject matter in the context of teaching methodologies. It covers the broader spectrum of the multidisciplinary nature of the subject. The course elucidates the aims and objectives of teaching geography, maxims and variety of teaching methodologies and techniques applied on teaching different level of the students. It also highlights the use, types and importance of teaching aids in geography subjects. It further demystifies the planning and assessment of the subject matter at different stages at secondary school levels. This course intends to develop skills which will enable students to qualify in teaching geography subject.

ED 242: SPECIAL METHODS OF TEACHING HISTORY

Course Status:	Core course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th semester

Course Description

This course gives an overview of History as a discipline and provides students with an understanding of the fundamental approaches, methods, techniques and skills for its effective teaching and learning at secondary level. Moreover, the course exposes students to the basic

aims and objectives of teaching the subject. The course is also intended to enable students to critically identify the challenges facing the teaching and learning of History in secondary schools today and suggest practicable solutions to handle them. The course is organized into seven modules and it takes into consideration the fact that students have properly grasped the content of secondary school History syllabus.

D 242: MBINU ZA UFUNDISHAJI WA KISWAHILI

Maelezo ya kozi

Kozi hii ni ya mwaka wa pili wa shahada ya kwanza ya sanaa. Kozi inasomeshwa kwa muda wa saa mbili kwa wiki, na itafundishwa kwa muda wa wiki 15. Kozi hii inalenga kuwawezesha walimu tarajali kujifunza nadharia ya saikolojia ya elimu ili waweze kuikabili vyema kada hii ya ufundishaji wa lugha. Pia, kuwafundisha stadi na mbinu bora za kufundishia zinazozingatia ushirikishwaji wa wanafunzi katika kujifunza na kukuza uwelewa na uchambuzi wa mitaala itumikayo maskulini pamoja na vifaa vyake. Vile vile, kukuza na kuendeleza taaluma za masomo ambazo walimu hao watatakiwa kuyasomesha. Mbinu hizi pia zitasaidia kukuza stadi na ujuzi mbalimbali wa kufanya utafiti wa kielimu, upimaji na tathmini. Lengo jingine ni kukuza uwezo wa walimu katika uongozi na utawala wa kielimu, ili kuhakikisha kuwa mafunzo

yanayotolewa yatawajenga vyema walimu na wanafunzi katika utowaji elimu kinadharia na kivitendo.

ED 242: SPECIAL METHODS OF TEACHING MATHEMATICS

Course Status: core course

Credit Rating: 7.5 credits

Level: 3rd year students

Semester: 4th semester

Course Description

This course deals with the methods of teaching Mathematics. It is intended to provide mathematics students, who will later be mathematics teachers, with knowledge and pedagogical skills appropriate for effective teaching of mathematics at “O” and “A” –levels of secondary schools. The course covers sufficient areas in the teaching of mathematics including the history of the subject, issues of teaching and learning, assessment and attempts to increase students’ interests in the subject. The course is also expected to equip students with knowledge and skills in analyzing curriculum materials and provide students with necessary skills on the application of different teaching methods both theoretically and practically through micro teaching.

ED 242: SPECIAL METHODS OF TEACHING PHYSICS

Course status:	Core course
Credit rating:	7.5 Credits
Level:	2nd year students
Semester:	4th semester

Course Description

The Physics Teaching Method course is aimed at enabling those aspiring to be Physics teachers who are capable and competent in teaching Physics in forms I to VI in Tanzania secondary schools.

Its carefully selected topics and their organization are aimed at enabling student teachers to acquire skills and competence needed in teaching and learning physics. The course covers sufficient areas including the historical development of the subject, assessment, teaching and learning, handling of practical activities, and improvisation of teaching – learning materials.

ED243: TEACHING PRACTICE I

Course Status:	Core course
Credit Rating:	5 Credits
Level:	1st year students

Semester: **2nd Semester**

Course Description

This is a practical training directed to first year students who will begin teaching and understand classroom procedures in school. Teaching practice I will be undertaken for a period of 8 weeks during the long vacation at the end of First Year of studies. This exercise will only be achieved through students' active participation and cooperation among the trainees themselves and with teachers in the practicing schools. During the entire period of teaching practice, student trainees will be under the supervision of school head teachers, although Abdulrahman Al-Sumait University (SUMAIT) lecturers will be making continuous follow up.

At the end of this exercise, student's trainees will be required to write and submit a short report about their experiences at the schools of practice in such areas as administration, curriculum implementation and evaluation, school – community relations, school discipline and punishment. Such report will be research oriented and submitted to the Department of Education.

ED 351: EDUCATIONAL PSYCHOLOGY

Course Status: **Core course**

Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th semester

Course Description

The course introduces Psychology and Educational Psychology with emphasis on the meanings, purposes, roots and historical development, focal areas and the fact that prospective teachers need educational psychology. It includes identification and application of characteristics, types and the theories of learning. Other topics include individual and group differences, instructional systems and information processing, classroom management, problem solving in teachers and learners, motivation and application of psychology to education and educational practices.

ED 352: EDUCATIONAL MEASUREMENT AND EVALUATION

Course status: Core course
Credit rating: 7.5 Credits
Level: 3rd year students
Semester: 5th semester

Course Description

The course is designed to introduce student's teachers to those elements of measurement and evaluation that are essential to good classroom instruction. The focus throughout the course will depend largely on the ability to construct, select and use different test items and other evaluation instruments that provide valid measures of the intended learning outcomes.

ED353: TEACHING PRACTICE II

Course status:	Core course
Credit rating:	5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course aims at training second year students to practice teaching and classroom procedures in school. Teaching Practice II will be undertaken for a period of 8 weeks during the long vacation at the end of second year of studies.

The purpose of the second year Teaching Practice II is to expose student's trainees to the real assessment in educational environment in the

classroom. Students will gain experience through solving problems by applying theories and principles of curriculum development and evaluation, theories of educational technology as well theories of subject methods learnt during the year of studies.

The assessment criteria will involve marks and grades obtained by combining the assessment marks from education lecturers, lecturers of specialization subjects, and evaluation reports from heads of practicing schools.

ED 361: SCHOOL ADMINISTRATION

Course Status:	Core course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th semester

Course Description

This course is designed to help students be familiar with basic concepts used in educational administration and to give them basic knowledge, skills and techniques necessary in administration and management of educational development. Thus, the course will greatly have contributions to the students to be able to apply and bring about

effective change in their school administration and other related areas of educational settings.

The main areas to be covered in this course are the description of basic concepts in the educational administration; Analytical administrative skills and competences of school administrators; Major task areas of educational administrators; School organization; Development of Administrative Theory; Leadership and Effective decision-making process; and administration of primary and secondary schools

DEPARTMENT OF COUNSELING PSYCHOLOGY

Program: B.A. (Counseling Psychology) Summary of

Counselling Psychology Courses

Semester	S/No	Code No.	Nature of Course	Credits
1st	1	CP 111	Introduction to Guidance and Counselling	10
	2	CP 112	Introduction to Psychology	7.5
	3	CP 113	Theories of Counselling and Psychotherapy	10
	4	CP115	Human developmental psychology	7.5
	5	CP116	Theories of Personality	10
			Total	
2nd	6	CP 121	Career Development	10
	7	CP 122	Social Psychology	7.5
	8	CP 124	Cognitive Psychology	7.5
	9	CP125	Health psychology	7.5
	10	CP 126	Counselling Skills and Techniques	10
			Total	
3rd	11	CP 231	Understanding students with special needs	10
	12	CP 233	Assessment in Counselling	10
	13	CP 234	Adolescent Psychology	7.5
	14	CP235	Individuals and group cou	7.5

			seling	
	15	CP 236	Psychology of adjustment	7.5
	16	CP237	Abnormal psychology 1	7.5
	17	CP 238	Ethical Issues in Counselling and Psychotherapy	10
		Total		60
4th	18	CP 241	Career Counselling	10
	19	CP 243	Abnormal Psychology 2	10
	20	CP 244	School Counseling	7.5
	21	CP 246	Psychodynamic Counseling	7.5
	22	CP 247	Intervention with Cronic Illness	7.5
	23	CP 248	Basic Statistics	10
	24	ED241	Educational Research and Methodology	7.5
		Total		60
5th	25	CP 351	Substance Abuse and Addiction	10
	26	CP 352	Mental Health in Schools	7.5
	27	CP 353	Family Counselling	7.5
	28	CP 354	Cross-Cultural Counselling Psychology	10
	29	CP 355	Clinical Psychopatholgy	10

	30	CP356	Practicum (1)	15
		Total		60
6th	31	CP 361	Research Project	10
	32	CP 362	Practicum (2)	20
	33	CP363	Program Development and Evaluation in Guidance and Counseling	10
	34	CP364	Criminal psychology	10
	35	CP365	Disaster management optional	10
	36	CP366	Crisis Intervention and Trauma	10
			Total	
			TOTAL CREDITS	327.5

CP 111: INTRODUCTION TO GUIDANCE AND COUNSELING

Course Status: Core Course

Credit Rating: 10 Credits

Level: 1st year students

Semester: 1st Semester

Course Description

This introductory course provides an overview of the Counseling profession. It provides an orientation to the Counseling program and

information about professional credentials and job roles. History roles, philosophy, and setting of professional counselors are well covered. It explores ethical, legal and diversity issues of school and community counselors. Students learn about organization and development of Counseling program and the roles and functions of counselors at a school setting. The course will prepare future counselors with the ability to make assessment for referral, academic and program planning and intervention according to the needs of school population

CP 112: INTRODUCTION TO GENERAL PSYCHOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

The purpose of this course is to assist students in developing an overview of an extremely broad field of psychology. Students will be able to compare and contrast psychological research methodologies and understand the basics of brain psychology. Students will be able to analyze the basic principles within each of the numerous areas in the discipline of psychology, gain an appreciation for the theoretical and

scientific basis for psychology, and learn to address questions about humankind from an informed, scholarly and critical perspective. The course will also develop a deeper understanding and acceptance of self as well as appreciation of and respect for the diversity among people.

CP 113: THEORIES OF COUNSELING AND PSYCHOTHERAPY

Course Status: Core Course
Credit Rating: 10 Credits
Level: 1st year students
Semester: 1st Semester

Course Description

This course provides an overview of theories in counseling and psychotherapy by providing an orientation to the major concepts of the contemporary therapeutic systems. This course focuses on teaching students to select wisely from various theories and techniques in order to develop a personal style of professional counseling.

CP 115: HUMAN DEVELOPMENTAL PSYCHOLOGY

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 1st year students

Semester: **1st Semester**

Course Description:

This course presents the development of behavior from conception through maturity and death and is intended to help the student understand the developmental characteristics of different age groups and the determinants of their individual and collective behaviors. Emphasis is placed on Understanding human development, our own as well as that of other persons, Identify developmental stage of children from conception through early adolescence, Gain and study the major development change that include physically, emotionally socially and cognitive aspect, Describe the process of conception and the first hours of development of the zygote, Explain the additive and dominant-recessive patterns of genetic interaction, Explain how scientists distinguish the effects of genes and environment development and Identify some environmental variables that affect genetic inheritance and describe how a particular trait might be affected.

CP 116: THEORIES OF PERSONALITY

Course Status: **Core Course**

Credit Rating: **10 Credits**

Level: **1st year students**

Semester: **1st Semester**

Course Description

This course will cover a broad array of theoretical contributions and corresponding empirical findings in the field of Personality Psychology. Current and key issues related to personality will be covered including how personality is measured, how it is influenced by various factors, issues of contentions, for example ways to view personality disorders, and how understanding personality is important in a number of real-world contexts, including its relation to physical and mental illnesses, self injury, and suicide. Students will become familiar with prominent historical and contemporary theories of personality and the research stemming from the works. This course will provide an opportunity to broaden an understanding of the science of personality and to think critically about the application of personality theory in everyday life

CP 121: CAREER DEVELOPMENT

Course Status: **Core Course**

Credit Rating: **10 Credits**

Level: **1st year students**

Semester: **2nd Semester**

Course Description

This course intends to introduce students to techniques and strategies for identifying fields of interest, building a personal brand, and conducting an effective job search. Emphasis is placed on introduce students to the theories of career development, familiarize students with the key concepts and processes of career decision-making, help students understand the factors influencing the career development of individuals across the lifespan, equip students with the skills necessary for planning, implementing, and evaluating career development programs in schools and institutions of higher learning and familiarize students with the special career development needs of adult populations such as women, people with disabilities, retirees, and mid-career changers.

CP 122: SOCIAL PSYCHOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The main aim of the Social Psychology course is human interactions and

the way it affects behaviour. To put it more formally this course will scientifically involve the many ways in which interactions, interdependence and influence among people affect the individual's behaviour and thought. It aims to show that human beings are social animals who need to realize that much of what they do stems from the interaction with other people but fail to appreciate the power of these interactions over their behaviour and thought. It emphasizes the fact that everything we do or think is dependent on social relationships. Aspects like values, ideas of right and wrong preferences and daily decisions, all depend on our social interactions as human beings.

CP 124: COGNITIVE PSYCHOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level	1st year students
Semester:	2nd Semester

Course Description

The course is intended to introduce students to the field of Cognitive Psychology – the study of mental representations and processes involved in the acquisition, storage, retrieval and use of knowledge. Several of these representations will be reviewed and processed

including attention, memory, concepts and language.

CP 125: HEALTH PSYCHOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description:

Health psychology is a field within Psychology that focuses on the behavioral, cognitive, psychosocial, and physiological factors that influence individual responses to health and illness. Its aims are: Emphasizes the interaction between biological, psychological, and social factors as well as their consequences for health and quality of life, Explain the concept of health education, motivation, risky behaviors and health promotive behaviors as well as life style and quality of life, Deals with functional somatic syndromes, occupational health psychology, positive psychology, and epigenetic and Identify how to manage pain, coping with chronic illnesses and stress and psychoneuroimmunology. This is an upper-level survey course that will focus on the theoretical, scientific, and applied aspects of the field of health psychology.

CP 126: COUNSELING SKILLS AND TECHNIQUES

Course Status: Core Course
Credit Rating: 10.0 Credits
Level: 1st year Student
Semester: 2nd Semester

Course Description

This course presents the basic skills of interviewing: attending, focusing and following, effective inquiry, paraphrasing, summarization and reflection of content/feeling. It will provide laboratory experiences in Counselling, analysis of counseling interviews; role-playing among students, and closely supervised individual counselling sessions in the laboratory setting. The sessions are taped and reviewed for individual or group supervisions and discussions.

CP231: UNDERSTANDING STUDENTS WITH SPECIAL EDUCATIONAL NEEDS (SEN)

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

This course focuses on the philosophy and foundation of inclusive education, trends in educational service for students with special educational needs, characteristics of SEN, instructional strategies and the impact of differential characteristics of SEN on individual's functions in personal life, family (at home), school and community at large.

CP 233: ASSESSMENT IN COUNSELING

Course Status: Core Course

Credit Rating: 10 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This course introduces the commonly used assessment devices and procedures in various Counselling arenas, e.g. ability tests, achievement tests, screening tests, interest tests, intelligence tests, and personality tests. It helps students to acquire the ability to diagnose individual problems, choose tools for assessment, and interpret results in the process of helping clients in Counselling sessions. Students will learn to write treatment plans and reports/case notes for clients. Specific assessment skills and techniques for children and adolescents will also be discussed.

CP 234: ADOLESCENT COUNSELING

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description:

This course is based on an exploration into the physical, psychological, social and cultural dimensions of adolescence, with a focus on advanced direct practice with adolescents in contemporary life settings. Particular attention is given to issues of diversity, as well as to comprehending the experiential life worlds, socio-cultural contexts, and social network interventions pertinent to at-risk adolescent populations. This course emphasizes on approaches in counseling process, specific techniques and strategies that are developmentally appropriate to adolescent counseling, Expose students with the experience of identifying the characteristics of the adolescence stage, Orient students with adolescence psychological problems and how to cope, Explain the role of parents and teachers towards adolescents as well as Conduct disorders and disruptive, impulse control and adolescent.

CP 235: INDIVIDUAL AND GROUP COUNSELLING

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description:

This course is designed to introduce the use of groups as an instrument of change in the counseling process, as well as focuses on the person who has identified himself or herself as needing counseling, either to remediate existing personal, social, career or educational problems. The course is designed to provide both theoretical and experiential understanding of individual/group purpose, development, dynamics, theories, methods and skills, and other individual and group approaches. Emphasis is placed on understanding of the theories and practice of individual and group counseling, explores different theoretical approaches to counseling groups; basic principles of group dynamics, which include leadership tasks, group developmental stages, and member roles; and basic group counseling skills including establishing, leading, and evaluating various types of counseling groups, introduce student's management of the individual counseling sessions, demonstrate and practice what they

have acquired in a form of role plays, case presentations and exercises (group work), expose students to ethical, legal, and professional issues, and each student will have the experience of being a member in a counseling group, Describe direct experiences in which students participate as group members in a small group activity, Identify mental health service delivery modalities within the continuum of care, and acquaint students with an understanding of the role of culture in individual and group counseling process and the adaptations in programs and individual work that need to be made to meet the needs of culturally diverse clients.

CP 236: PSYCHOLOGY OF ADJUSTMENT

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description:

This course focused on personal adjustment as an ongoing process of the normal individual. An examination of individual adjustment in terms of the psychological, developmental, and sociocultural dimensions of everyday living. A major concern is understanding of the relationship between

psychological adjustment and various wellness-related issues, including substance abuse/addiction and eating disorders, among others, Identification of the dynamics of human behavior from a life adjustment approach, Identify, and demonstrate an understanding of, the theoretical perspectives of personality theories as they relate to adjustment psychology, including an evaluation of their efficacy and the methods of assessment, Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, and theories) as well as applying course material (to improve thinking, problem solving, and decisions).

CP 237: ABNORMAL PSYCHOLOGY (1)

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description:

This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on an introduction to the current and historical theoretical paradigms, identify neurotic and

other related disorders, familiarize the students with classification, interview and assessment of abnormal psychology, provide the basis for our understanding of human behavior and identify attitudes toward individuals with psychological disorders.

CP 238: ETHICAL ISSUES IN COUNSELLING AND PSYCHOTHERAPY

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

This course examines principles, legal standards, and issues of professionalism and ethics in counseling. The main goals of this course is to provide students with the knowledge of the ethical and legal principles of ACA, APA, expose students to the ethical decision making systems based on the best practices in the field, create an awareness of the critical importance of client's rights and provide knowledge of multicultural counseling competencies and ethical issues that are related to social and cultural issues.

CP 241: CAREER COUNSELING

Course Status:	Core
Course Credit Rating:	10 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course will examine the world of work, life career development, career decision- making theories, the process and techniques of career counseling and the interrelationship between career and life balance issues and mental health; these issues will be discussed using multicultural and social justice frameworks. Attention will be given to the various models and techniques of conducting career counselling sessions, practical applications of various aspects of conducting career counseling interviews, familiarize students with the procedures of career assessment using various manual and computerized assessment tools, interpreting assessment information, and determining appropriate courses of action and Equip students with the necessary skills for systematically planning career guidance and counselling programs for schools and institutions of higher learning.

CP 243: ABNORMAL PSYCHOLOGY (2)

Course Status:	Core
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Course Credit Rating:	10 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course examined different psychological disorders, along with theoretical, clinical, and experimental viewpoints on the study of psychopathology. The main objectives of this course, which is a continuation of abnormal psychology I, are to familiarize students with classification, identify different psychotic and related disorders, familiarize students with classification, interview, and assessment of abnormal psychology, provide the foundation for our understanding of human behaviour, and identify attitudes toward people with psychological disorders.

CP 244: SCHOOL COUNSELING

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description:

School Counseling is designed to present school counselors-in-training with an overview of the various elements that make up this professional role. The main focus of the course is to provide an overview of theories and techniques of counselling in school settings, Identify the counsellor's role as a facilitator of normal developmental processes to promote academic success, Provide an introduction to the process of counselling children and adolescents at schools as a means of facilitating healthy development and promoting academic achievement in school, Help students to focus on the knowledge base, skills, research, models, and critical issues of school counselling, Teach the students how to deal with abnormal behaviours at school and Apply school counselling roles and functions in managing counseling sessions and services for those students who suffered some psychological and family problems.

CP 246: PSYCHODYNAMIC COUNSELING

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description:

This course is based on understanding the model of human personality and how it develops, our network of relationships and how we interact with others, how psychological problems may originate and the repetitive patterns that maintain them, and how personal change takes place. The course establishes understanding assessments and clients in general, provide coverage of the theoretical foundations of contemporary psychodynamic counseling theories, identify psychodynamic assessment and counseling strategies and techniques, Identify learning psychodynamic therapy, principles with adult clients, focuses on contemporary psychodynamic theories and therapies and their integration with psychodynamic therapy and apply their learning to treating adult neurotic conditions with some discussion of treatment for borderline conditions.

CP 247: INTERVENTION WITH CRONIC ILLNESS

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course focuses on analyzing the trends in health outcomes for chronic disease management strategies for patients with physical health issues that are applied in primary or community care settings. The primary goal is to clarify to students the meaning and concepts of chronic illnesses, identify pain-coping strategies, provide students with counselling sessions that are appropriate for patients with chronic illnesses, describe counselling techniques required for behavioural modifications, clarify the ethical standards that students should adhere to, identify the specific factors that influence treatment compliance, and develop professional counseling sessions that are specifically needed.

CP 248: BASIC STATISTICS

Course Status:	Core
Course Credit Rating:	10 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course introduces the role and use of statistics in counseling research. It exposes students to the concepts and skills pertinent to analyzing empirical data, descriptive statistics, different statistical methods and techniques in making sense of the data. Students are given opportunities

to analyze, tabulate, interpret, and report data including the use of SPSS computer programme.

ED 241: EDUCATIONAL RESEARCH METHODS

Course Status:	Core course
Course Rating:	7.5 Credits
Level:	3rd year students
Semester:	4th Semester

Course Description

This course is designed to introduce and familiarize learners with basic principles of educational research. The course will equip learners with basic skills and enhance their knowledge and competence in conducting scientific educational research. The course intends to expose learners with the most appropriate research methodology and analysis and the use of research results in making constructive educational decisions. Main areas that will be covered include: key research concepts and types, literature review, research proposal and research design, research methods, sampling, data collection, data analysis and research report writing.

CP 351: SUBSTANCE ABUSE AND ADDICTION

Course Status:	Core
Course Credit Rating:	10 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course focuses on the definitions and diagnostic criteria for substance abuse and dependence, addiction, theories of etiology, medical and social model approaches. It introduces the nature of intoxicants and their social and psychological effects, the main concepts and approaches in assessment and diagnosis of addictions, introduction of the major western theories and explanations about the nature and causes, and treatments of drug abuse and addictions, and the preventive approach to drug abuse and addictions and the steps involved in developing a good preventive program.

CP 352: MENTAL HEALTH IN SCHOOL

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description:

This course will look at the various aspects of how positive mental health can be promoted in school, how this can impact student's well-being and reduce the possibility for the development of mental health problems. Emphasis will be placed on introduction the concepts of mental health and psychological abnormality, give an overview of the current status of mental health problems in Tanzanian schools, discuss the major western approaches to mental disorders, introduce students to the processes, procedures and approaches to assessing and classifying mental disorders, familiarize students with the major mental disorders such as anxiety, mood and personality disorders, and schizophrenia and present an Islamic explanation of the nature and types of mental disorders and how to treat them.

CP 353: FAMILY COUNSELLING

Course Status:	Core
Course Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This is an introductory course to develop marriage and family counseling

skills, the historical development and principal conceptualizations of marital and family therapy. Goals include an identifying family counseling, techniques and ethics for working with family, focusing on the communication processes, gain basic knowledge about family counseling, develop basic skills, competencies and perspectives family counselors, enhance one's knowledge of persons as members of the family systems and examining how different theorists and clinicians have applied that knowledge to intervene as counselors with families and understand family Engagement (tools, strategies and resources).

CP 354: CROSS-CULTURAL COUNSELLING AND PSYCHOLOGY

Course Status:	Core
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

The course examines the influence of cultural, ethnic and religious differences and diversity of the counsellor and client and the impact on counselling relationship. It seeks to sensitize students to their personal and societal attitudes and values and increases their awareness of current cross-cultural assessment and intervention. Various psychosocial

developmental factors of diverse cultural and ethnic groups and the influence of these variables on the helping relationship are explored with special reference to the Tanzanian context.

CP 355: CLINICAL PSYCHOPATHOLOGY

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description:

This course examines social, psychological, and biological factors that contribute to psychological disorders across the life-span. In this course emphasis will be placed on orient students to the different theoretical perspectives in the general field of psychopathology as well as the empirical support for these theories, discuss the DSM-5 multi-axial classification of mental disorders and criteria for diagnosing these disorders, demonstrate to the students on how to apply the DSM-5 classification system in determining the appropriate diagnosis of clinical cases, orient students to the basic knowledge of on psychopathology and how to apply it in formulating appropriate and effective intervention strategies to treat a broad spectrum of psychopathological conditions and

emphasize the acquisition of diagnostic skills as they relate to comprehensive social work assessment

CO 356: PRACTICUM 1

Course Status:	Core
Course Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

Counselling Internship is a field experience in which students apply knowledge and skills needed for successful practice as School Health or Agency Counsellors. It comprises 100 hours on-site under the supervision of an approved site supervisor who is a practicing counsellor. As part of the 100 hours, students are to have a minimum of 70 hours of direct contact with clients and 30 hours on-campus consultations. Practicum students are expected to demonstrate mastery-level performance in the essential counselling skills; program planning and implementation; professional conduct in interactions with field and university supervisors, students, teachers, administrators, and community members; and other activities defined as the responsibility of the counsellor at their site of placement. Interns receive continuous group and individual supervision

from university supervisor/s, assisted by site supervisor/s.

CP 361: RESEARCH PROJECT

Course Status:	Core
Course Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

The main aim of this course is to equip student counsellors with the relevant research skills in conducting their own research. Therefore, throughout this course, students shall be exposed to a selected field of counselling which will enable them to gain the ability in selecting the appropriate methodology for the research based on identified problems; evaluate the research outcomes and its application on the counselling profession.

CP 362: PRACTICUM (2)

Course Status:	Core Course
Credit Rating:	20 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description:

Counselling Internship is a field experience in which students apply knowledge and skills needed for successful practice as School or Agency Counsellors. It comprises 200 hours on-site under the supervision of an approved site supervisor who is a practicing counsellor. As part of the 200 hours, interns are to have a minimum of 170 hours of direct contact with clients and 30 hours on-campus consultations. Interns are expected to demonstrate mastery-level performance in the essential counselling skills; program planning and implementation; professional conduct in interactions with field and university supervisors, students, teachers, administrators, and community members; and other activities defined as the responsibility of the counsellor at their site of placement. Interns receive continuous group and individual supervision from university supervisor/s, assisted by site supervisor/s.

CP 363: PROGRAM DEVELOPMENT AND EVALUATION IN GUIDENCE AND COUNSELING

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

This course is an introduction to the methods and strategies of counselling needs assessment, determining demographics and program needs. It involves discussion and application of counseling program, planning and implementation methods in school and agency settings. The criteria and procedures for program evaluation and development as well as evaluation of theories, fundamental principles and techniques.

CP 364: CRIMINAL PSYCHOLOGY

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description:

This course's main objective is to examine how the field of psychology and the criminal justice system interact. It looks at characteristics of human nature that are directly connected to the legal system, such as criminal behaviour, witness testimony, eyewitness recall, and jury deliberation. Review students' current understanding of the psychological explanations

associated with the commission of violent crime, homicide, sexual assault, multiple murder, and terrorism with a focus on the principles, theories, and role of psychology in contributing to our understanding of criminal behaviour and criminal justice system processes, understanding of criminal mind and pattern, how it happens & the reasons behind that through the theories & the psychological trends.

CP 365: DISASTER MANAGEMENT

Course Status:	Optional
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description:

This course will help students better understand and identify individuals and groups most able to meet response and recovery requirements in the case of an actual disaster. It will also provide a knowledge of the necessary plans and tools needed in planning for disaster management. The major goal is to familiarize pupils with different sorts of disasters and expose them to standard disaster management approaches. Students should be introduced to the Universal Principles of Volunteering, the General Approach to Crisis Intervention, the Mechanisms and Tools of the Conflict

Resolution Approach to Crisis Intervention, the Difference Between Refugees and Displacement Counseling, and the Various Tools of Identifying Peace Building and Peacemaking, among other topics.

CP 366: CRISIS INTERVENTION AND TRAUMA

Course Status:	Core
Credit Rating:	10 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description:

This course is designed to provide students with an understanding of the personal and systemic impact of crises, disasters, and other trauma-causing events on individuals, couples, families, and communities. Students examine current theories, approach and response models as they relate to trauma, crisis in individuals and families, crisis in the community, and crisis in the nation and in the world, discuss on typical responses to crisis stress trauma, introduce students to the universal principles of crisis intervention, gain the knowledge about the process of recovering from trauma, discuss on how we can use various tools and techniques to cope from trauma and crisis effects, helping students to cope with all types of crisis and traumatized events and how to facilitate

clients' expression of emotion and thoughts about their crisis and trauma.

Department of Arabic Language Program: B.A. with Education

Summary of Arabic Courses

أولاً: التعريف بالقسم ومقرراته:

قسم اللغة العربية ضمن الأقسام القائمة تحت كلية الآداب والعلوم الاجتماعية بجامعة عبد الرحمن السميّط بزنجبار. وقد تقرر في هذه الكلية أن يتخصص الدارسون في مادتين دراسيتين على نظام التساوي في النصيب الزمني، يضاف إليهما المقررات التربوية اللازمة لمهنة التعليم، إذ يتخرج الدارس بعد سنوات دراسته في هذه الكلية معلماً.

ثانياً: أهداف هذا التخصص إجمالاً:

يهدف هذا التخصص إلى إعطاء الدارس فكرة متكاملة عن جميع جوانب علوم اللغة العربية الأساسية من نحو وصرف، وأدب ونقد، وبلاغة وعروض، وعلم اللغة. ويهدف ثانياً إلى تعريف الدارس بالجهود المحمودّة التي بذلها علماء العربية الأولون في سبيل خدمة هذه اللغة التي تعد من اللغات الإنسانية العريقة، وربطه بالتراث العربي القويم عبر العصور العربية الزاهية. ثم هو يهدف ثالثاً إلى تعريف الدارس بمدى العلاقة المتينة بين علوم اللغة العربية وعلوم الشريعة الإسلامية.

هذا وقد صممت مقررات هذا التخصص شاملة نظراً لطبيعة المرحلة الجامعية بوصفها المرحلة التعليمية الوحيدة التي تتيح للدارس فرصة التعرض لجميع أطراف التخصص العلمي الذي يختاره. بيد أنه قد روعي في وضع هذه المقررات ومحتوياتها ما يتناسب مع

نظام التخصص في مادتين دراسيتين والحدود الزمنية المتاحة لكل من المقررات في التخصص.

ويحسن بنا أن نبين هنا أن المقررات التي يقدمها هذا القسم على ثلاثة أوضاع. مقررات أساسية لازمة لكل دارس يتخصص في اللغة العربية، وهي ثلاثة عشر مقرا. وأخرى اختيارية لأصحاب هذا التخصص، وهي عبارة عن أربعة مقررات يختار الدارس منها مقررين. وثُمَّ مقرران في اللغة العربية هما من مطلوبات الجامعة اللازمة لجميع طلبة هذه المؤسسة التعليمية بدون استثناء. وفيما يلي جداول تبين توزيع هذه المقررات على الفصول الدراسية الست في السنوات الدراسية الثلاث.

ثالثا: جداول توزيع مقررات اللغة العربية في البرنامج:

جدول (1) يبين توزيع المقررات الأساسية في تخصص اللغة العربية

الفصل	اسم المقرر	Course Status	Credits	Course Title	Course Code	S. N	1st Semester
الأول	لنحو (1)	Core	10	Arabic Grammar (1)	AR 112	01	
	الصرف	Core	10	Arabic Morphology	AR 113	02	
			20				
الثاني	النحو (2)	Core	10	Arabic Grammar (2)	AR 122	03	2nd Semester
	الأدب الجاه والإسلامي	CORE	10	Pre-Islamic Era & Islamic literature.	AR 123	04	
			20				

3rd Semester	05	AR 231	Arabic Grammar (3)	10	Core	النحو (3)	الثالث
	06	AR 232	Arabic Rhetoric (1)	7.5	Core	البلاغة العربية (2)	
				17.5			
4th Semester	07	AR 241	Abbasid & Andalusia a Literature	7.5	Core	الأدب العباسي والأندلسي	الرابع
	08	AR 242	Arabic Rhetoric (2)	7.5	Core	البلاغة (2)	
	09	AR 243	Arabic Linguistics (1)	7.5	Core	علم اللغة (1)	
				22.5			
5th Semester	10	AR 351	Arabic Grammar (4)	7.5	Core	النحو (4)	الخامس
	11	AR 352	Modern Arabic Literature	7.5	Core	الأدب الحديث	
				15			
6th Semester	12	AR 361	Arabic Literary Criticism	7.5	Core	النقد الأدبي	السادس
	13	AR 362	Science of Prosody & Poetic Rhythm	7.5	Core	علم العروض والقافية	

				15			
TOTAL CREDITS				110		المجموع	

جدول (2) يبين المقررات الاختيارية في تخصص اللغة العربية

5th Semester	S. N	Course Code	Course Title	Credit to	Course Status	اسم المقرر	الفصل
	1	AR 353	Arabic in East Africa	5	Elective	العربية في شرق إفريقيا	الخامس
	2	AR 354	Research Project	5	Elective	البحث العملي	
6th Semester	3	AR 363	Arabic Linguistics (2)	5	Elective	علم اللغة (2)	السادس
	4	AR 364	Arabic Rhetoric (3)	5	Elective	البلاغة (3)	
Total Credits				10			

ملاحظة: على الدارس أن يختار مقررين فقط من هذه أي واحدا من الفصل

الدراسي الخامس وآخر من السادس.

جدول (3) يبين مقررات اللغة العربية التي هي من ضمن مطلوبات الجامعة

1st Semester	S. N	Course Code	Course Title	Credits	Course Status	اسم المقرر	الفصل
	1	AR 111	Arabic Language Skills (1)	7.5	UNIV. REQ.	مهارات اللغة العربية (1)	الأول
2nd Semester	2	AR 121	Arabic Language Skills (2)	5	UNIV. REQ.	مهارات اللغة العربية (2)	الثاني
TOTAL CREDITS				12.5			

رابعاً: وصف المقررات.

أ/ مقررات أساسية:

1/ اسم المقرر: النحو (1)

رمز المقرر: AR 112

وضع المقرر: مقرر أساسي

الفصل الدراسي: الأول

عدد الوحدات: 10 وحدات

وصف المقرر:

هذا أول مقرر يتناوله الدارس في علم النحو، وهو يقدم له فكرة موجزة عن نشأة هذا العلم ومدارسه وأهم علمائه وعلاقته الوطيدة بعلوم الشريعة. ويعرف الدارس بأساسيات مهمة في علم النحو وذلك بدراسة موضوع الكلام وما يتألف منه، والمعرب والمبني، وموضوع النكرة والمعرفة مع تناول المعارف بدراسة الجانب النحوي لها. ثم ينتقل بالدارس بعدئذ إلى باب المبتدأ والخبر فيقدم له أهم أحكامهما.

2/ اسم المقرر: الصرف

رمز المقرر: AR 113

وضع المقرر: مقرر أساسي

الفصل الدراسي: الأول

عدد الوحدات: 10 وحدات

وصف المقرر:

مقرر وحيد في علم الصرف مع هذا البرنامج. يفتح بمدخل يعرف بهذا العلم ويبين موضوعه وثمرته. ثم ينتقل إلى التصريف العام فيتناول موضوع المجرد والمزيد، ومعاني حروف الزيادة، والميزان الصرفي. أما بخصوص تصريف الأفعال فيتعرض هذا المقرر لتقسيم الفعل إلى صحيح ومعتل، وبنائه للمعلوم والمجهول، واتصاله بنون التوكيد، وإسناد الضمائر إلى صحيحه ومعتله. وفي تصريف الأسماء يتناول المشتقات صرفياً، وأبنية المصادر إضافة إلى جموع التكسير وقواعد النسب.

3/ اسم المقرر: النحو (2)

رمز المقرر: AR 122

وضع المقرر: مقرر أساسي.

الفصل الدراسي: الثاني.

عدد الوحدات: 10 وحدات

وصف المقرر:

هذا هو المقرر الثاني من مقررات النحو في هذا البرنامج. يبدأ هذا المقرر بتقديم النواسخ الفعلية والحرفية لأحكام المبتدأ والخبر، بما في ذلك كان وأخواتها، والحروف المشبهات بـ " ليس "، وأفعال المقاربة، وباب ظن وأخواتها، وإن وأخواتها و "لا" النافية للجنس. ثم يتعرض لإعراب الفعل المضارع رفعا ونصبا وجزما، ويختم بذكر أحكام الفاعل والنائب عنه.

4/ اسم المقرر: الأدب الجاهلي والإسلامي.

رمز المقرر: AR 123

وضع المقرر: مقرر أساسي.

الفصل الدراسي: الثاني.

عدد الوحدات: 10 وحدات

وصف المقرر:

هذا أول مقرر يتناوله الدارس في مجال الأدب. أوله مقدمة في ذكر معنى الأدب وعناصره)

أركان (الأدب الجيد والعصور الأدبية. ثم يشرح في تقديم فكرة متكاملة موجزة عن حال الأدب في العصور الثلاثة الأولى الجاهلي، وصدر الإسلام والأموي، مبينا في كل واحد منها بيئة الأدب، والأدب الشعري والنثري من حيث الموضوعات والأنواع، والنماذج، والخصائص، وتراجم أهم الشخصيات الأدبية في العصر.

5/ اسم المقرر: النحو (3)

رمز المقرر: AR 231

وضع المقرر: مقرر أساسي.

الفصل الدراسي: الثالث.

عدد الوحدات : 10 وحدات

وصف المقرر:

يتعرض هذا المقرر لعدد من منصوبات الأسماء بادئا بذكر المفاعيل كلها، كما يبين أهم أحكام الاستثناء، والتميز، والحال، والعدد وكناياته. ويتناول المقرر موضوعات نحوية أخرى هي الممنوع من الصرف وحروف الجر والإضافة

6/ اسم المقرر: البلاغة (1) علم البيان

رمز المقرر: AR 232

وضع المقرر: مقرر أساسي

الفصل الدراسي: الثالث

عدد الوحدات : 7.5 وحدات

وصف المقرر:

هذا أول المقررات البلاغية الثلاثة في البرنامج. يعطي للدارس بداية بيانا مختصرا عن نشأة علم البلاغة ومراحل تطوره موضحا خلال ذلك جهود العلماء السابقين في هذا الميدان. ويثني بذكر ما يتعلق بالفصاحة والبلاغة وشروطهما. ثم يلتفت بعد ذلك إلى معظم جوانب اختصاصه، ألا وهو تقديم مسائل علم البيان بعد التعريف به. ومن تلك المسائل التشبيه وأنواعه، والحقيقة والمجاز، ثم الاستعارة وأنواعها، أعني التصريحية والمكنية، والأصلية والتبعية، والمرشحة والمجردة والمطلقة. ويختم المقرر بعد ذلك بموضوع الكناية وأنواعها.

7/ اسم المقرر: الأدب العباسي والأندلسي

رمز المقرر: AR 241

وضع المقرر: مقرر أساسي.

الفصل الدراسي: الرابع.

عدد الوحدات : 7.5 وحدات

وصف المقرر:

هذا المقرر كما هو ظاهر من اسمه ذو جانبيين أولهما حديث عن الأدب في أهم العصور العربية الزاهية، ألا وهو العصر العباسي، والآخر حديث عن الأدب في بلاد الأندلس. وفي كلا الجانبين يبدأ المقرر ببيان بيئة الأدب متمثلة في ذكر قيام الدولة وأوضاعها السياسية والاجتماعية، والحركة العلمية والثقافية وأثر ذلك على اللغة والأدب. ويتعرض بعد ذلك

للأدب الشعري والنثري من حيث الموضوعات وتطورها، والأنواع وازدهارها، والنماذج، والخصائص، وتراجم أهم الشخصيات الأدبية في العصر.

8/ اسم المقرر: البلاغة (2) علم المعاني

رمز المقرر: AR 242

وضع المقرر: مقرر أساسي

الفصل الدراسي: الرابع

عدد الوحدات : 7.5 وحدات

وصف المقرر:

يعرف هذا المقرر بعلم المعاني ويشير لجهود العلماء السابقين فيه. ويتناول المقرر بعد ذلك أبواب علم المعاني الثمانية، أعني الخبر والإنشاء، وأحوال المسند والمسند إليه ومتعلقات الفعل، والقصر، ثم الإيجاز والإطناب والمساواة، والفصل والوصل. بيد أن هذا المقرر لا يتناول هذه الأبواب بالتفصيلات الكثيرة ولكن بالقدر الذي يتناسب مع المساحة الزمنية المتاحة.

9/ اسم المقرر: علم اللغة (1)

رمز المقرر: AR 243

وضع المقرر: مقرر أساسي

الفصل الدراسي: الرابع

عدد الوحدات : 7.5 وحدات

وصف المقرر:

تتمثل الموضوعات التي يتعرض لها هذا المقرر في تعريف اللغة وأهميتها وخصائصها، وما يذكر من نظريات بخصوص نشأة لغة الإنسان. ثم يتناول مفهوم علم اللغة وفقه اللغة عند العرب مع بيان تاريخ نشأة علم اللغة وخصائصه ومجالاته وعلاقته بالعلوم الأخرى. ويتناول إضافة إلى ذلك جانب علم الأصوات، فيذكر التعريف، والفروع والهدف من تدريسه، وجهاز النطق عند الإنسان، والصوائت والصوامت. ويختتم بذكر الحركات وصفاتها في اللغة العربية مع الإشارة إلى الكتابة الدولية.

10/ اسم المقرر : النحو (4)

رمز المقرر : AR 351

وضع المقرر : مقرر أساسي.

الفصل الدراسي : الخامس.

عدد الوحدات : 7.5 وحدات

وصف المقرر:

هذا آخر المقررات النحوية في البرنامج. وتندرج تحته موضوعات نحوية هي إعمال المصادر والمشتقات، والتوابع الأربعة ؛ النعت والتوكيد والعطف بنوعيه والبدل. ثم يتناول أحكام المنادى، والتعجب وأفعال المدح والذم.

11/ اسم المقرر : الأدب الحديث

رمز المقرر: AR 352

وضع المقرر: مقرر أساسي

الفصل الدراسي: الخامس

عدد الوحدات : 7.5 وحدات

وصف المقرر:

هذا هو المقرر الأدبي الثالث والأخير في البرنامج. يُعنى هذا المقرر ببيان المؤثرات العامة على الأدب وعوامل ازدهاره في العصر الحديث. ويقدم تراجم لأبرز الشعراء والكتاب مع دراسة نماذج من الشعر والنثر الفني في هذا العصر. وبصدد الشعر يتعرض أيضا للشعر في بلاد المهجر وما يتصل به من خصائص وأغراض. ويعطي المقرر فكرة عن المذاهب الأدبية الحديثة ماهيتها ونشأتها وعلاقتها بالأدب العربي الحديث. ثم يختم بدراسة أدب القصة وأنواعها ونماذج من القصة القصيرة.

اسم المقرر: 12/ النقد الأدبي

رمز المقرر: AR 361

وضع المقرر: مقرر أساسي

الفصل الدراسي: السادس

عدد الوحدات : 7.5 وحدات

وصف المقرر:

يتناول هذا المقرر أولا مفهوم النقد وعناصره و مراحل تطوره عبر العصور. ثم يبين عناصر

العمل الأدبي من لفظ ومعنى، وعاطفة وخيال وأسلوب. كما يتناول نماذج من النقد اللفظي والمعنوي من العصر الجاهلي إلى العباسي. ويشير المقرر أيضا إلى الجهود النقدية التأليفية وأبرز الشخصيات النقدية في القرن الثالث والرابع الهجريين. ويتعرض أخيرا للمدارس النقدية الأوروبية الحديثة ومناهجها في نقد الشعر والقصة وأثر ذلك على النقد العربي في العصر الحديث.

13/ اسم المقرر: علم العروض والقافية

رمز المقرر: AR 362

وضع المقرر: مقرر أساسي

الفصل الدراسي: السادس

عدد الوحدات : 7.5 وحدات

وصف المقرر:

يبدأ هذا المقرر بإشارة عن نشأة الشعر عند العرب. ثم يعرف الدارس بعلم العروض ووضعه وطبيعته والفائدة منه. ويوضح له جهود علماء العربية الأولين في هذا الميدان. كما يبين له عددا من الأساسيات المهمة لدراسة هذا العلم من أسباب وأوتاد، وتفعيلات، وكتابة عروضية، وأنواع البيت وألقاب أجزائه مع إيضاح طريقة تقطيع البيت الشعري. ثم يقدم للدارس ستة بحور من أشهر بحور الشعر العربي هي الطويل، والوافر، والبسيط، والكامل، والرجز، والهزج مبينا أوزان كل بحر منها وتغييراته اللازمة والجائزة مع تدريبات كافية على كل بحر. ويختم بإعطاء فكرة مختصرة عن علم القافية والضرورات الشعرية.

ب/ مقررات اختيارية:

1/ اسم المقرر: العربية في شرق إفريقيا

رمز المقرر: AR 353

وضع المقرر: مقرر اختياري

الفصل الدراسي: الخامس

عدد الوحدات : 5 وحدات

وصف المقرر:

يناقش هذا المقرر عددا من قضايا تتعلق بالعلاقة بين الأمة العربية وسواحل شرق إفريقيا منها الأسباب التي أوجدت وقوت العلاقة بين الطرفين، وأثر اللغة العربية وثقافتها في اللغة السواحلية، والوسائل التي بها انتشرت اللغة العربية في هذا الإقليم مع الإشارة إلى العلماء المحليين وما لهم من دور وإنتاج. ويتعرض المقرر أيضا لموضوع كتابة اللغات الإفريقية بالخط العربي والأسباب التي أدت إلى انطماس هذه الظاهرة أخيرا مع الإشارة لتاريخ الكتابة العربية ومراحل تطورها.

2/ اسم المقرر: البحث العملي

رمز المقرر: AR 354

وضع المقرر: مقرر اختياري

الفصل الدراسي: الخامس

عدد الوحدات : 5 وحدات

وصف المقرر:

يوضع هذا المقرر في الجانب التخصصي ليمثل الجانب التطبيقي لمقرر تربوي نظري هو مناهج البحث التربوي. فالدارس في هذا المقرر يطبق عمليا ما درسه في مناهج البحث. بيد أن اللوائح لا تسمح للدارس باختيار هذا المقرر إلا إذا كان مستوى نجاحه لا يقل عن جيد جدا. وقد تقرر لمن تحقق فيه هذا الشرط واختار هذا المقرر أن يتم إجراء البحوث فرديا أي يعد كل دارس بحثا مستقلا. وأن يكتمل - إذا لزم - في الفصل الدراسي الخامس والسادس.

3/ اسم المقرر: علم اللغة (2)

رمز المقرر: AR 363

وضع المقرر: مقرر اختياري

الفصل الدراسي: السادس

عدد الوحدات : 5 وحدات

وصف المقرر:

صمم هذا المقرر وجعل مدخله تعريفا بعلم الدلالة مفهوما وتاريخا وبيانا لما بينه والعلوم الأخرى من علاقة. ثم يناقش عددا من الموضوعات المتعلقة بدلالات الكلمات كأنواع الدلالات، وأسباب تغير الدلالة وألوانه. ويتعرض المقرر أيضا لموضوع المشترك اللفظي، والترادف، والأضداد، والنحت. وللمقرر جانب آخر هو دراسة نظرية وتطبيقية في المعاجم العربية بمدارسها وأشكالها المختلفة.

4/ اسم المقرر: البلاغة (3) علم البديع

رمز المقرر: AR 364

وضع المقرر: مقرر اختياري

الفصل الدراسي: السادس

عدد الوحدات: 5 وحدات

وصف المقرر:

هذا هو المقرر الثالث في علم البلاغة. بيد أنه يختلف عن سابقه في أنهما أساسيان وهذا اختياري. يعرف هذا المقرر بعلم البديع وبين وظائفه في علم البلاغة ويعطي إشارة لتاريخ التأليف فيه. ثم يلقي نظرة لتقسيم المحسنات البديعية إلى لفظية ومعنوية وميزة كل واحد منهما. ويركز بعد ذلك في دراسة عدد من المحسنات المعنوية هي: الطباق – المقابلة – التورية – تأكيد المدح بما يشبه الذم وعكسه – وحسن التعليل – المشكلة – الاستخدام – العكس والتبديل – الالتفات. أما في جانب المحسنات اللفظية فيتناول هذا المقرر الجناس والاقتباس والسجع. ويختتم المقرر بحديث مختصر عن إعجاز القرآن مفهومه وجوانبه ونماذج منه.

ج/ مطلوبات الجامعة:

1/ اسم المقرر: مهارات اللغة العربية (1)

رمز المقرر: AR 111

وضع المقرر: من مطلوبات الجامعة

الفصل الدراسي: الأول

عدد الوحدات : 7.5 وحدات

وصف المقرر:

هذا المقرر مقرر أساسي ضمن مطلوبات الجامعة. فهو يصمم لجميع طلبة الجامعة على اختلاف تخصصاتهم. وعليه وضع له محتويان، محتوى ابتدائي يناسب الطلبة الذين لا يتخصصون في اللغة العربية والدراسات الإسلامية، ويزودهم بالأساسيات التواصلية الأولى في هذه اللغة. والمحتوى الآخر يناسب أصحاب تخصص اللغة العربية أو الدراسات الإسلامية ليرفع مستوياتهم في هذه اللغة حديثا وكتابة؛ إذ هي لغة الدراسة في كثير من مقرراتهم. وقد تقرر أن يستغل محتوى برنامج العربية بين يديك من أجل تحقيق هذا الهدف.

2/ اسم المقرر: مهارات اللغة العربية (2)

رمز المقرر: AR 121

وضع المقرر: من مطلوبات الجامعة

الفصل الدراسي: الثاني

عدد الوحدات : 5 وحدات

وصف المقرر:

هذا المقرر مقرر عربي ثان ضمن مطلوبات الجامعة. فهو مثيل لسابقه من حيث هو يهدف إلى تنمية قدرات الدارس التواصلية في الدراسة والمجتمع . و له محتويان أيضا، محتوى طلبة قسيمي العلوم والعلوم الاجتماعية الذين لا يتخصصون في اللغة العربية

والدراسات الإسلامية قائما على برنامج العربية بين يديك، ومحتوى طلبة تخصص اللغة العربية أو الدراسات الإسلامية مع زيادة موضوعات إملائية مهمة من سلسلة تعليم اللغة العربية من جامعة الإمام محمد بن سعود الإسلامية.

Department of Languages
Program: B.A. with Education
English Core Courses

Semester	Course Code	Title	Credits
1st	EN 111	Introduction to the study of language	7.5
	EN 112	Introduction to Grammar of English	7.5
	Total		15.0
2nd	EN 121	Basic Phonetics	7.5
	EN 122	Varieties of English	7.5
	Total		15.0
3rd	EN 231	Phonology of English	7.5
	EN 232	English Syntax	7.5
	Total		15.0
4th	EN 241	Morphology	7.5
	EN 242	Teaching English to speakers of other languages	7.5
	Total		15.0
5th	EN 351	Appreciation of Literature	7.5
	EN 352	Applied Linguistics	7.5
	Total		15.0
6th	EN 361	English Semantics	7.5
		Sociolinguistics	7.5
	Total		15.0
	Grand Total		90.0

Elective Courses

Semester	Course Code	Course Courses Title	Credits
3 rd	EN 233	The Dialects of English	7.5
4 th	EN 243	Introduction to Literary Analysis.	7.5
5 th	EN353 EN 354 EN355	Advanced Description of Modern English. Discourse and Pragmatics Advanced English Language Skills.	7.5
6 th	EN 363	Creative Writing Research Project	7.5
	Total		22.5

Compulsory University Courses under the Department

Semester	Code	Title	Credits
1 st	EL 111	Communication Skills (1)	7.5
2 nd	EL 121	Communication Skills (2)	5.0
	Total		12.5

EN111: INTRODUCTION TO THE STUDY OF LANGUAGE

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 1st year students

Semester: 1st Semester

Course Description

This is an introductory course that aims to introduce students to the basic issues on the study of language. It seeks to orientate students to approach linguistics as a scientific discipline.

It will examine the origin and nature of human language before introducing students to the core components of linguistics namely phonetics, phonology, morphology, semantics, syntax and applied

linguistics. The course will prepare students for the various courses to be offered in linguistics.

EN 112: INTRODUCTION TO THE GRAMMAR OF ENGLISH

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

This is a fundamental course which gives the student an overview of English grammar based on linguistic principles, grammatical categories and grammatical analysis. It will form a good foundation for later studies in English syntax and morphology.

EN 121: BASIC PHONETICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

This is a basic introductory course to phonetics as a foundation in the

study of linguistics. It provides an orientation to the nature of speech and the mechanisms of speech production. Students will learn about the speech organs and their role in speech production; learn the criteria for describing consonants and vowels and use the International Phonetic Alphabet notation to transcribe words. The knowledge obtained in this course will enable students to do phonetics research in linguistics.

EN122: VARIETIES OF ENGLISH

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The course will introduce students to the study of regional variation in language and description of varieties of English currently spoken in the world. Major linguistic differences among dialects of English; forms such as American English and other global varieties. Other topics include language attitudes, the rise of Standard English, English-based pidgins and creoles; language variation and change. The focus of this course will be English in use in English speaking communities, attitudes to usage,

variation and variety in use and users and the problem of definition of 'standard English' worldwide. The course will also look briefly at the history of English and the process of standardization, the heterogeneous nature of English and the factors responsible for this.

EN 231: PHONOLOGY OF ENGLISH

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This is an introductory course in the systematic study of the sound system of English. Students need to learn to approach English pronunciation descriptively. They should develop the ability of selective listening and master the phonological processes of connected speech. The course will enable learners to achieve correct articulation of English speech sounds and conforming to the RP standard. This course is therefore mandatory for students' mastery of spoken English. The course will prepare students to be able to describe and transcribe the sounds of spoken English. It will also enable them to recognize and describe the phonemic and phonotactic patterns necessary to

understand basic phonological processes.

EN232: ENGLISH SYNTAX

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This course is an introduction to the theory of Generative Transformational Grammar. Students at this level need a systematic understanding of basic grammatical concepts and terminology. Students will become acquainted with the fundamental concepts of syntax and with a wide variety of syntactic structures and will develop skills in syntactic analysis. This course is essential for all linguistics students and teachers of English.

Course Objectives

The main objective of this course is to introduce students to the basic components of an English sentence. They need to learn how to analyse any structure (i.e. phrase, clause, and sentence) into its basic elements. This will facilitate their comprehension and production of the language.

They should be able to distinguish between different kinds of sentences, compare English structures and perform syntactic operations on them.

Students are required to focus on the constituents of noun phrases, verb phrases, prepositional phrases, adjective phrases and adverb phrases.

Learning Outcomes

At the end of the course, students will be able to:

1. Apply a range of concepts and theoretical framework in syntactic analysis.
2. Analyze sentences into syntactic and functional categories. Tic structures
3. Identify constituents and draw tree diagrams for different sentences.
4. Compare English sentences in terms of form and structure.

EN 241: MORPHOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

The course is an introduction to the study of the internal structure of words, the analysis of English words into morphemes, a survey of the word formation processes, derivational and inflectional

morphology; the interface between word structure and sound structure (morpho-phonology) and sentence structure (morpho-syntax); morphological theory. It will give students a broader understanding of English word formation.

EN242: TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

This course introduces students to the field of second language acquisition and critically examines major hypotheses about the ways in which second languages are acquired. The course provides an overview of second language development and use in formal and naturalistic settings. Key linguistic, cognitive and social factors that contribute to

second language learning are examined.

EN 351: APPRECIATION OF LITERATURE

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course is designed to teach students how to analyse and therefore appreciate novels, plays, short stories and poems. It offers practice in reading, analyzing and interpreting different genres of literature as a foundation for learning and applying strategies for writing about literature. Students will be better equipped to teach literature in schools as the syllabus integrates language with literature.

EN 352: APPLIED LINGUISTICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

Applied Linguistics is the application of research-based linguistic theory, practice, and methodology to language-related tasks or problems. The primary focus is on language teaching and learning, particularly with regard to foreign languages. This course prepares learners to conduct action research and to develop a research topic in language and linguistics. It offers guidance on main areas of language inquiry and ways of identifying a topic, finding background reading, collecting and analyzing data and writing a research project.

EN 361: ENGLISH SEMANTICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

The course enables the student to develop the ability for semantic analysis. It will cover topics that are central to research in this field of language study. This course will have applications in politics, law, philosophy, advertising and natural language processing.

EN353: ADVANCED DESCRIPTION OF MODERN ENGLISH

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course will be of importance in the field of language, education, journalism and technical writing. Grammar, a language's system of putting words together into larger expressions is the skeletal core of language. It offers a systematic survey of the structure of contemporary English and explores usage issues including problems with the sentence, punctuation and agreement and their underlying sources (language change, language attitudes and the notion of standard English).

EN 354: DISCOURSE AND PRAGMATICS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course provides an introduction to discourse analysis and pragmatics. While discourse analysis is a label applied to a wide variety of work within a wide range of disciplines, we will focus on linguistically-oriented approaches that investigate the nature of socially-situated language use. A particular emphasis will be on the analysis of spoken interaction. This course will give students a deeper understanding of language use in various contexts.

EN 362: SOCIOLINGUISTICS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

This course is an introduction to sociolinguistics, the study of the relationship between language and society. It will investigate variation at all levels of language and how such variation is constructed by identity and culture. Students will thus gain a wider understanding of language and society.

EN 363: CREATIVE WRITING

Course Status:	Elective Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

The purpose of this course is to give students an opportunity to produce written work in the genres of poetry and short story for review by their peers, thus introducing them to an audience of serious readers, and providing them with the opportunity to improve their writing. In this course, students will learn various skills and techniques creative writers use to develop a sustainable practice of writing in the contemporary field. As a class, they will learn a great deal about each other by writing across various modes of art-in-language and describing how their writing works and what it does through various methods centering on close examination of language.

In addition to this, you will develop other valuable skills contemporary writers use to turn the habit of writing into a professional practice including generating new work, critical reading and written response, submitting work for publication, and sharing critical responses to texts.

Program: B.A. with Education

Summary of Kiswahili Courses

Mukhtasi wa Kozi za Kiswahili Shahada ya Kwanza Mwaka wa

Kwanza – Tatu Semista ya Kwanza - Sita

Mgawanyo wa Kozi za Lazima Mukhtasi wa Kozi

Semista	Nambari	Msimbo wa Kozi	Jina la Kozi	Vigezi
1	01	LK 111	Nadharia ya Lugha na Lughawia ya Kiswahili	7.5
	02	LK 112	Historia na Maendeleo ya Hadithi fupi na Hadihi ndefu za Kiswahili.	7.5
	Jumla			15
2	03	LK 121	Nadharia ya Fonetiki na Fonolojia ya Kiswahili.	7.5
	04	LK 122	Historia na Maendeleo ya Fasihi Simulizi ya Tanzania.	7.5
	Jumla			15
3	05	LK 231	Mofolojia ya Kiswahili.	7.5

	06	LK 232	Historia na Maendeleo Kiswahili.	7.5
	Jumla			15
4	07	LK 241	Sintaksia ya Kiswahili	7.5
	08	LK 242	Nadharia ya Utafiti wa Kiswahili	7.5
	Jumla			15
5	09	LK 351	Semantiki ya Kiswahili	7.5
	10	LK 352	Tamthilia Historia na Maendeleo ya Kiswahili	7.5
	Jumla			15
6	11	LK 361	Leksikografia ya Kiswahili	7.5
	12	LK 362	Historia na Maendeleo Ushairi wa Kiswahili	7.5
	Jumla			15
	Jumla Kuu			90

Mgawanyo wa Kozi za Hitiyari

Semista	Nambari	Msimbo wa Kozi	Jina la Kozi	Vigezi
3	01	LK 234	Nadharia ya Lughawiya Jamii	7.5
	02	LK 243	Nadharia ya Mmahari na Umahiri katika Lugha ya Kiswahili	
4	03	FK 233	Historian a Maendeleo ya hadithi Ndefu (Riwaya)	7.5
	04	LK 244	Elimu Mitindo Katika Kiswahili	
5	05	LK 353	Kiswahili na Vyombo vya Habari	7.5
	06	LK 354	Tarjama (Tafsiri na Ukalimani) katika Kiswahili	
6	07	UK 363	Utafiti – Lughawiya/ Fasihi	7.5
Jumla Kuu				30

LK 111: NADHARIA YA LUGHA NA LUGHAWIA YA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka:	1
Semista:	1

Maelezo ya Kozi

Kozi hii ni ya lazima na imekusudiwa kuwaelimisha wanafunzi juu ya nadharia ya lugha na Lughawia ya Kiswahili. Mada za msingi za kozi hii ni: Asili ya Kiswahili yaani mambo yanayozua kuwepo kwa lugha vikiwemo ardhi, watu, na kaumu. Uainishaji wa lugha kidhahiri na kidhati kutokana na lahaja zake. Mgao wa ngeli za Kiswahili na hatimaye kufafanua matawi ya lughawia ya KISWAHILI.

LK 112: HISTORIA NA MAENDELEO YA HADITHI FUPI NA HADITHI NDEFU ZA KISWAHILI

Hadhi ya Kozi:	Kozi ya Lazima
Kiwango cha Muda:	Vigezi 7.5
Mwaka:	1
Semista:	1

Maelezo ya Kozi

Madhumuni ya kozi hii ni kuwawezesha wanafunziwa mwaka wa kwanza kupata taaluma inayohusu riwaya na hadithi fupi za Kiswahili. Pia kujifunza jinsi ya kuchambua kazi za fasihi. Mwanafunzi atafanya hivyo

huku akilinganisha mambo yanayajitokeza katika riwaya na hadithi fupi nay ale yanayojiri katika jamii yake. Hatimaye, taaluma hiyo itamjengea uwezo wa kuhakiki katika maisha yake.

LK 121: NADHARIA YA FONETIKI NA FONOLOJIA YA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 1

Semista: 2

Maelezo ya Kozi

Kozi hii ni kwa ajili ya wanafunzi wa mwaka wa kwanza. Kozi ina mada za fonetiki na fonolojia zikiwa ni miongoni mwa matawi ya Lughawia Fafanuzi ya Kiswahili. Mada za kozi hii zinajumuisha: Taaluma ya Alfabetiza Kifonetiki za Kimataifa (AKIKI), fonetiki matamshi na upambanuzi wa makundi ya sauti za Kiswahili. Pia ufafanuzi wa dhana na kazi za fonimu na alofoni za Kiswahili pamoja na sifa bainifu zaza fonimu hizo. Wanafunzi wataeleweshwa juu ya dhana ya silabi na miundo yake katika Kiswahili. Hatimaye kozi itamalizia taaluma ya sifa za kiarudhi za matamshi ya toni, kiimbo, kidatu, mkazo na kukamilisha kwa kubainisha kanuni za kifonolojia za kimofimu katika Kiswahili.

LK 122: HISTORIA NA MAENDELEO FASIHI SIMULIZI YA TANZANIA.

Hadhi ya kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 1

Semista: 2

Maelezo ya Kozi

Kozi hii itawawezesha wanafunzi kujifunza dhana ya fasihi simulizi, aina, tanzu na vipera vya vyake. Pia watajifunza juu ya uhusiano wa fasihi simulizi na utamaduni wa Zanzibar na Tanzania. Mipaka ya fasihi simulizi ya Zanzibar na Tanzania na uhusiano wa fasihi nyengine. Aidha nadharia za uyakinifu na udhanifu, kijamii kuhusu fasihi simulizi kwa kutumia nadhariaza uyakinifu, udhanifu, utamaduni, muundo, Ufeministi na Kiislamu zitajadiliwa. Kwa ujumla mada hizo zinatarajiwa kuwajengea uwezo wanafunzi wa kuweza kuchambua kazi za fasihi simulizi.

LK 231: MOFOLOJIA YA KISWAHILI

Hadhi ya kozi: Kozi ya Lazima

Kiwango cha Muda: vigezi 7.5

Mwaka: 2

Maelezo ya Kozi

Kozi hii itawawezesha wanafunzi kujifunza taaluma ya mofolojia ya Kiswahili pamoja na kanuni zake mbali. Mada zitakazosomeshwa ni nadharia na historia ya taaluma ya mofolojia. Dhana za neno, leksimu, mofu, mofimu, alomofu na mnyambuliko. Uchanganuzi wa shina na mzizi wa neno utafanyika. Ufafanuzi wa mofimu na viambishi na aina zake utasomeshwa. Uambishajii wa mizizi kisarufi na kim-mnyambuliko wa maneno pamoja na mabadiliko yanayotokea mwisho wa mzizi utabainshwa. Mada nyengine ni pamoja na muundo wa majina ya Kiswahili, uainishaji wa ngeli za Kiswahili, muambatano wa maneno na uundaji wa maneno ya Kiswahili kwa njia tafauti yatafafanuliwa. Mwishowe, ufupishaji wa maneno kwa kuchukua viambishi vya mwanzo utajadiliwa. Kwa jumla mada hizi zitawajenga wanafunzi katika uwezo wa uchambuzi wa maneno ya Kiswahili katika nyanja tafauti za taaluma ya mofolojia ya Kiswahili. Kuchunguza juu ya uhusiano kati ya taaluma ya mofolojia na fonolojia.

LK 232: HISTORIA NA MAENDELEO YA KISWAHILI**Hadhi ya Kozi:****Kozi ya lazima****Kiwango Muda:****vigezi 7.5**

Mwaka: 2

Semista: 3

Maelezo ya Kozi

Kozi hii ni kwa ajili ya wanafunzi wa mwaka wa pili wa shahada ya kwanza. Mada zake za msingi ni: Asili, chanzo na chimbuko la kuzuka lugha ya Kiswahili. Kusambaa na kuenea kwa Kiswahili ndani na nne ya upwa wa Afrika Mashariki. Maendeleo ya mawasiliano ya wasemaji na wazungumzaji. Asili ya maandishi ya kwanza ya Kiswahili hadi ya saa. Tawala za ulaya na uendelezaji wa Kiswahili wakati wa ukoloni. Michango ya dini ya kiislamu na Kikristo katika undelezaji wa Kiswahili. Usanifishwaji wa Kiswahili kupitia lahaja ya kiunguja mjini. Maendeleo ya Kiswahili kitaifa na kimataifa katika mawasiliani na maandishi ya sarufi, lughawia, makamusi na fasihi ya Kiswahili zikiwemo riwaya, ushairi na tamthilia.

LK 233: HISTORIA NA MAENDELEO YA RIWAYA ZA KISWAHILI

Hadhi ya kozi: Kozi ya hitiyari

Kiwango cha Muda: vigezi 7.5

Mwaka: 2

Semista: 4

Maelezo ya Kozi

Kozi hii inatolewa kwa kuwapa wanafunzi ufahamu wa sehemu za awali ulimwenguni kulikobainika taaluma ya riwaya. Wanafunzi wataeleweshwa juu ya chanzo, sifa na umuhimu wa riwaya na waanzilishi wake. Kozi inatolewa kuchunguza historia na maendeleo ya riwaya za Kiswahili pamoja na misingi iliyowekwa na wanataaluma wa riwaya hizo. Pia kozi itaangalia iwapo misingi hiyo inachukuliwa na riwaya za kileo. Pamoja na hayo kozi italinganisha riwaya za Afrika ya Mashariki na riwaya za nje ya Afrika ya Mashariki.

LK 234: NADHARIA YA LUGHAWIA JAMII

Hadhi ya Kozi:	Kozi yahitiyari
Kiwango cha Muda:	vigezi 7.5
Mwaka:	2
Semista:	3

Maelezo ya Kozi

Kozi hii itawaongoza wanafunzi wa mwaka wa pili katika kuifafanua nadharia ya lughawia jamii. Kozi hii zaidi itawaelekeza wanafunzi katika kuelewa uhusiano uliopo kati ya lugha na jamii inayohusika. Wanafunzi wanatarajiwa kuweza kuitumia lugha kwa mkabala wa jamii na mazingira yake katika nyanja zote za mazungumzo na maandishi. Mada za Kozi hii

zitajikita zaidi katika matumizi ya lugha katika miktadha tafauti

LK 241: SINTAKSIA (MIUNDO YA SENTENSI ZA KISWAHILI)

Hadhi Ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 2

Semista: 4

Maelezo ya Kozi

Kozi hii ni kwa ajili ya wanafunzi wa mwaka wa pili wa shahada ya kwanza. Mada za msingi katika kozi hii ni hizi zifuatazo:

Maana na sintaksia na sentensi. Vile katiak kozi hii, kutafanyika uchunguzi wa nadharia ya Sintaksia kwa ujumla nas Sintasia ya Kiswahili. Ufafanuzi wa vijenzi vya sentensi vikiwemo kiima, kiarifu, virai na vishazi na aina zake. Pia utafanywa ubainishaji wa miundo ya virai. Pia kozi itajadili juu ya aina za sentensi pamoja na sarufi miundo (Langage, Langue na Parole). Uhusiano wima na mlalo pamoja na hali ya sinkronia na dikronia zitafafanuliwa. Mwisho, uchanganuzi wa viambajengo sisi na uchanganuzi wa sentensi utabainisha kwa uwazi.

LK 242: NADHARIA YA UTAFITI WA KISWAHILI

Hadhi Ya Kozi: Kozi Ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 2

Semista: 4

Maelezo ya Kozi

Kozi hii ya ni lazima, itayochukua semista moja. Kila mwanafunzi atasoma nadharia ya utafiti nakujifunza mbinu mbalimbali za uandishi wa pendekezo la utafiti, mbinu za kukusanya data pamoja na namna ya kuandika ripoti ya utafiti. Mhadhiri atafundisha kozi hii kutokana na muongozo wa muhtasari ulioandaliwa na chuo.

LK 243: NADHARIA YA MMAHIRI YA UMAHIRI KATIKA LUGHA YA KISWAHILI

Hadhi Ya Kozi: Kozi ya Hitiyari

Kiwango cha Muda: Vigezi 7.5

Mwaka: 2

Semista: 4

Maelezo ya Kozi

Hii ni kozi inayotolewa kwa wanafunzi wa mwaka wa Pili wa Shahada ya Kwanza. Kozi hii ni ya Elimu ya Balagha ya Kiswahili. Kwa mnasaba huo kozi itatoa mbinu na misingi ya matumizi ama ya kusema au kuandika Kiswahili sahihi na fasaha kwa wanafunzi. Ili kuwaelekeza wanafunzi

katika matumisi sahihi na fasaha. Kozi hii itajikita zaidi katika mada zifuatazo:

Dhana za mmahiri naumahiri, sababu za kuwa na mmahiri wa lugha na umuhimu wake, sifa za mmahiri na haja ya kuwa na mmahiri na umahiri wa lugha.

LK 244: ELIMU MITINDO KATIKA KISWAHILI

Hadhi ya Kozi:	Kozi ya Hitiyari
Kiwango cha Muda:	Vigezi 7.5
Mwaka:	2
Semista:	4

Maelezo ya Kozi

Kozi hii ni ya kuchagua. Katika kozi hii wanafunzi watafifunza dhana za mtindo, mbinu na uchanganuzi na viwango vya uchanganuzi wa mtindo, mbinu na mtazamo wa uchanganuzi wa mtindo katika matini za Kiswahili. Vile, watajifunza nadharia za uandishi, uandishi imara, chimbuo au chanzo cha ubunifu, udhamini wa kazoo za fasihi na mbunifu na dhana za ubunifu. Mambo mengine watakayojifunza ni pamoja na sifa za mbunifu bora na ubunifu wa kazi za sanaa. Kwa ujumla mada hizo zinatarajiwa kuwajengea uwezo wanafunzi wa kuweza kuchambua na kubuni mitindo mbali.

LK 351: SEMANTIKA YA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezo 7.5

Mwaka: 3

Semista: 5

Maelezo ya Kozi

Kozi hii ni kwa ajili ya wanafunzi wa mwaka wa tatu. Kozi ina mada za dhana za msingi za uchambuzi wa semantiki (maana ya maana, kimsamiati, kiistilahi na kisarufi). Pia, katika kozi hii, zitachunguzwa na kujadiliwa nadharia ya semantiki kwa jumla na msamiati wa Kiswahili, nadharia ya pembe tatu za neno (umbo, tafsiri na maana), nadharia ya unasibu katika maana ya neno, tafsiri za neno moja kufasili maana nyingi. Vile vile kozi itashughulikia mabadiliko ya maana ya neno kimatamshi, uhusiano wa maana visawe na vinyume na utata, uhusiano wa maana ya kitu kulingana na mlio wa kitu hicho (tututu, parakacha, nyatu). Pia, kushughulikia uchanganuzi wa asili wa maana sahihi za maneno (kiuchumi, kihistoria, kimazingira, kisayansi, kisiasa na kiteknolojia).

LK 352: HISTORIA NA MAENDELEO YA TAMTHILIA YA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: vigezi 7.5

Mwaka: 3

Semista: 5

Maelezo ya Kozi

Kozi hii itaangalia mambo yalivyo hii leo katika Tamthilia ya Kiswahili Zanzibar, Tanzania na Afrika Mashariki kwa ujumla. Miundo itakayoshughulikiwa ni pamoja na ule wa Ki-Aristotile na ya kisasa. Vile wanafunzi watajifunza matatizo mbali ya waandishi chipukizi wa kazi za Tamthilia.

LK353: KISWAHILI NA VYOMBO VYA HABARI

Hadhi ya Kozi: Kozi ya Hitiyari

Kiwango cha Muda: Vigezi 7. 5

Mwaka: 3

Semista: 5

Maelezo ya Kozi

Kozi hii niya kuchagua, kozi itawasaidia wanafunzi kujifunza maana na aina ya vyombo vya habari. Wanafunzi watachunguza dhima kuu ya kuelimisha jamii kupitia vyombo vya habari mbali. Pia kozi hii itamuongoza wanafunzi katika kuelewa umuhimu, faida na athari za vyombo vya habari. Zaidi ya hayo itaangalia mchango wa vyombo vya habari vya Tanzania katika

uendelezaji wa lugha ya Kiswahili.

LK354: TARJAMA (TAFSIRI.NA.UKALIMANI) KATIKA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 3

Semista: 5

Maelezo ya Kozi

Katika somo hili wanafunzi wataangalia mambo mbalimbali yahasuyo ukalimani na tafsiri. uhusiano uliopo baina ya dhana hizi mbili. Pia watachunguza nadharia mbali za tafsiri, aina za matini, mbinu za kutafsiri pamoja na hatua za kutafsiri. Zaidi wataweza kujifunza kutafsiri matini za aina mbali. Somo hili linajenga msingi wa uwezo wa kufasiri na kukalimani.

LK361: LEKSIKOGRAFIA YA KISWAHILI

Hadhi ya Kozi: Kozi Ya Lazima

Kiwango cha Muda: Saa 7.5

Mwaka: 3

Semista: 6

Maelezo ya Kozi

Kozi hii inakusudiwa kuwawezesha wanafunzi wa mwaka wa tatu wa shahada ya kwanza kuchunguza kwa undani dhana na dhima ya matumizi ya leksikografia na kamusi. Vile, wanafunzi watajengewa uwezao wa kufafanua aina za makamusi, kuchunguza historia ya uandishi wa makamusi, kuchunguza leksikografia ya Kiswahili pamoja na sehemu kuu za makamusi. Pamoja na hayo kozi hii inatarajiwa kuwajengea wanafunzi uwezo wa kuchambua na kutunga makamusi ya Kiswahili.

LK 362: HISTORIA NA MAENDELEO YA USHAIRI WA KISWAHILI

Hadhi ya Kozi: Kozi ya Lazima

Kiwango cha Muda: Vigezi 7.5

Mwaka: 3

Semista: 6

Maelezo ya Kozi

Kozi hii inakusudiwa kuwaelimisha wanafunzi juu ya taaluma ya ushairi wa Kiswahili. Chumbuko la ushairi, sifa za ushairi na washairi wake. Kuchunguza historia na maendeleo ya ushairi wa Kiswahili. Kufafanua misingi iliyowekwa ya ushairi wa Kiswahili. Kuchunguza iwapo misingi hiyo ilichukuliwa na ushairi wa leo. Kulinganisha ushairi wa mapokeo na ushairi wa mamboleo. Kuwaelimisha wanafunzi juu ya mbinu za kutunga mashairi ya Kiswahili.

LK 363: UTAFITI WA KISWAHILI

Hadhi ya Kozi:	Kozi ya Lazima
Kiwango cha Muda:	Vigezi 7.5
Mwaka:	3
Semista:	6

Maelezo ya Kozi

Kozi hii ya kuchagua ni ya kujitegemea itayochukua mwaka mmoja. Kila mwanafunzi atachagua mada na kuifanyia utafiti chini ya Mhadhiri Msimamizi atakayepewa na Uongozi wa Somo la Kiswahili. Mwanafunzi ataandika ripoti ya utafiti wake kulingana na muongozo wa Chuo wa kuandika ripoti za utafiti. Baada ya mwanafunzi kupata ruhusa ya kuichapisha kutoka kwa msimamizi wake itambidi achapishe kopi mbili ili kopi moja ipelekwe kwa Mtahini wa nnje. Baadaya Mtahini wa nnje kuipitia na kutoa maoni yake ripoti itarejeshwa kwa mwanafunzi ili afanye marekebisho na hatimaye kuwasilisha kwa msimamizi wake kopi mbili zilizorekebishwa na kupewa alama zake.

Department of Social Studies

Department of Social Studies was offers three years undergraduate programme leading to Bachelor of Arts with Education, B.A (Ed). The Department aims at equipping her students with quality and relevant

expertise that will enable them to be skilled teachers in History and Geography for Secondary Schools and Teacher Training Colleges in Tanzania and the neighboring countries. The courses offered under this Department provide opportunity for students to engage in different occupations other than teaching such as, curators, tourist and tour consultants; experts in the Land Department and shipping enterprises.

Program: B.A. /B.Sc. with Education

Geography Core Courses

Semester	S/N0.	Course Code	Course Title	Credits
1st	01	GE 111	Human Geography	10
	02	GE 112	Physical Geography	10
	Total			20
2nd	03	GE121	Geographical Techniques	10
	04	GE 122	Population Geography	7.5
	Total			17.5
3rd	05	GE 231	Statistical Methods in Geography	7.5
	06	GE 232	Land Evaluation and Planning	7.5
	Total			15
4th	07	GE241	Evolution of Geographical Thought	7.5
	08	RE 242	Research Methods in Social Sciences	7.5
	Total			15
5th	09	GE 351	Urban Geography	7.5
	10	GE 352	Agricultural Geography	7.5
	Total			15
6th	11	GE 361	Transport Geography	7.5
	12	GE 362	Environmental Resource Management	7.5
	Total			15
	Grand Total			97.5

Geography Elective Courses

Semester	S/NO.	Course Code	Course Title	Credits
3rd	1.	GE 233	Biogeography and Climatology	7.5
	2.	GE 234	Ground Surveying	7.5
	3.	GE 235	Hydrology	7.5
4th	4.	GE 243	Oceanography	7.5
	5.	GE 244	Geography of Africa	7.5
	6.	GE 245	Geographical Information System (GIS)	7.5
5th	7.	GE353	Research Project	7.5
	8.	GE354	Rural Development	7.5
	9.	GE 355	Introduction to Cartography	7.5
	10.	GE 356	Regional Planning	7.5

Note: A student is required to elect total number of three courses of 22.5 credits, one course from each semester.

Grand Total: 120 Credits.

GE 111: HUMAN GEOGRAPHY

Course Status: Core Course

Credit Ratings: 10 Credits Hours

Level: 1st year students

Semester: 1st Semester

Course Description

The course introduces the fundamental concept to Human (and Economic) Geography. It focuses on broad fields and impact of Human – Physical environment relationship. It also studies division of human kinds, economies, psycho association and consequences, thus population, settlement and communication are among the major areas discussed for spatial analyses and global inequalities.

GE 112: PHYSICAL GEOGRAPHY

Course Status: Core Course

Credits Rating: 10 credits

Level: 1st year students

Semester: 1st Semester

Course Description

This course concentrates on the basic elements of the physical environment. The course dwells on the various physical, chemical and biological processes that act upon these resources in different parts of the earth's surface. It also considers the influence of the elements of the physical environment on the spatial organization of human activities.

GE 121: GEOGRAPHICAL TECHNIQUES

Course Status:	Core
Credits Rating:	10 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description:

This course is based on practical approach such as construction of scales, production of choropleth and dot maps, measurements of distance, area, slope, profile, representation of various relief features and interpretation of maps. Representation of various lines graphs, bar diagrams, pie charts through collection of statistical data.

GE 122: POPULATION GEOGRAPHY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

This course builds on course: GE 112: Population Geography. It gives an in-depth analysis of demographic concepts and vital rates, migration

mechanism and impact and detailed analysis of the dimensions of population growth and policies. The course also analyses the relationship between population growth and environment and the related population policy options.

E 231: STATISTICAL METHODS IN GEOGRAPHY

Course Status:	Core Course
Credits Rating	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

This course introduces the fundamentals of statistical techniques for analysis quantitative and qualitative data using both techniques, parametric and non-parametric. These techniques include: Measures of Central Tendency, Measures of Dispersion, Correlation and coefficient, Test of Significance and Simple Linear Regression.

GE 232: LAND EVALUATION AND PLANNING

Course Status:	Core Course
Credits Rating:	7.5 Credits
Level:	2nd year students

Semester: **3rd Semester**

Course Description

Land is a fundamental resource for development. However, to understand and appreciate its resource endowment potential, some evaluation is required. Land suitability assessment, therefore, is considered a prerequisite for land use planning. This course examines the basic principles and techniques of land evaluation and suitability assessment for various uses. It gives an overview of the evolution of approaches in carrying out land evaluation suitability assessment for planning land use development. The applicability of the principles and approaches to land use planning in developing countries is emphasized.

GE 233: BIOGEOGRAPHY AND CLIMATOLOGY

Course Status: **Elective Course**

Credits Rating: **7.5 Credits**

Level: **2nd year students**

Semester: **3rd Semester**

Course Description

This course is composed of biosphere and atmosphere. It introduces the physical and biological environment and their effects on organisms. It

also deals with the influence of geographical factors on the distribution and dispersal of plants and animals at global and regional levels. Bio-geographers study on a diverse range of topics such as subject matter and scope, distributions and dispersals of plants and animals, biological interactions, ecosystem, biomes, geographical realms and kingdoms of plants and animals. Atmosphere is vital to describe and analyze the distribution patterns of major weather elements such as temperature, precipitation, pressure and winds. It also describes the climatic classification and effects of climate change on land and water.

GE 234: GROUND SURVEYING

Course Status: Elective Course

Credits Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This core course describes the general methods of ground surveying which represents the relative positions of various objects in the field and correspond it on plan/map. It involves simultaneously two practical approaches one field booking and second plotting the measurements data on map/plan in the geography laboratory. The main surveying

equipment's will be used in conducting surveying such as Chain and tape, Plane Table, Prismatic Compass, Sprit level, Sextant, Dumpy Level and Theodolite.

GE 235: HYDROLOGY

Course Status: Elective Course
Credit rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

This course provides a general introduction to hydrology. The course focuses on earth's fresh water distribution and characteristics.

GE 242: EVOLUTION OF GEOGRAPHICAL THOUGHT

Course Status: Core Course
Credits Rating 7.5 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

This course reviews development of geographical ideas and thoughts from early times (Romans, Egyptian and Greek) with special reference to

modern period commencing with 18th Century. The course focuses on the historical development of the ideas of determinism, possibilism, new ecologist, environmentalists, etc. It also reviews geographical ideas with special reference to the role of Muslim Geographers. The course includes detailed studies on the role of Almagest, Al Masudi, Al Istakhri in the development of geographical thoughts.

RE 242: RESEARCH METHODS IN SOCIAL SCIENCES

Course Status:	Core Course
Credits Ratings:	7.5Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course introduces processes of research methodology in social sciences. The students will learn how to identifying research problem, collecting data and how can they select sampling techniques, processing and analyzing quantitative and qualitative data. Students will also be able to interpret collected data using statistical methods and cartographical techniques.

GE 243: OCEANOGRAPHY

Course Status: Elective Course
Credit rating: 7.5 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

This course focuses on global ocean basins (oceans and seas) and their salient physical or topographical features, chemical and biological characters. The issues of temperature, salinity and other dynamisms such as ocean currents, deposits, and coral reefs in relation to climate and pollution are discussed.

GE 244: GEOGRAPHY OF AFRICA

Course Status: Elective Course
Credits Rating: 7.5 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

This course is a systematic and regional treatment of physical and human geography of Africa. It includes the study of the physical and human features. It also examines the economic regions of the continent and

analyses the rationale and potential for regional integration.

GE 245: GEOGRAPHICAL INFORMATION SYSTEM

Course Status:	Elective Course
Credit ratings:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description:

This course introduces students to the Geographical Information System (GIS), a computer-based tools for processing geographical data. GIS processing is used in interpretation of environmental and other earth resources to produce comprehensive maps for proper decision making. It provides students with skills from manual to automation methods to study Geography. It advances the applications of aerial photography, remote sensing and other forms of surveys in sophisticated data layers.

GE 351: URBAN GEOGRAPHY

Course Status:	Core Course
Credits Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course focuses on the process of urbanization origins and growth of towns, internal structure of cities, and the urban economy. It analyses problems related to urban growth in developing countries and considers policies and strategies used to manage urban development.

GE 352: AGRICULTURAL GEOGRAPHY

Course Status:	Core Course
Credits Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course focuses on the spatial distribution of agricultural activities which is still being dominant force of employment. The current distribution of agricultural activities is understood through the study of agricultural origins and dispersal; the role of the physical environment; agricultural classification; agricultural location, models, agricultural land use changing pattern, mechanization, modern transportation, marketing facilities and government policies.

GE 353: RESEARCH PROJECT

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

This is an elective course for those candidates who scores minimum GPA of 3.7 or above and demonstrate keen interest on conducting research in one of their areas of specialization. Department will assign supervisors who will guide them in conducting research and writing of reports.

GE 354: RURAL DEVELOPMENT

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

This course provides in-depth analyses of issues and problems on rural areas as viewed from a spatial perspective. The course thus delivers base information and analyses of various programs and strategies put forward for improving socio-economic conditions of the rural poor and

environment. Similar problems and constraints facing implementation of rural development efforts through planning are part of the course too.

GE 355: CARTOGRAPHY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semeste

Course Description

This course deals with general techniques of cartography such as maps, scales, measurements of distance, area, slope profile and tracing of maps using techniques of choropleth, isopleths, spheres and uniform dots. Preparing various lines graphs, bar diagrams pie charts through collection of secondary geographical data. This course also instructs students on designing, drawing and analyzing techniques of cartography.

GE 356: REGIONAL PLANNING

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course seeks to expose students to regional development planning. The course focuses on specific regional development theories, policies and strategies as practiced in the developing world. Special emphasis will be put on the Tanzania experience since her independence.

GE 361: TRANSPORT GEOGRAPHY

Course Status:	Core Course
Credits Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

This course deals with the relationship between development of modes of transport and economic activities. It studies the relative advantages and disadvantages of the different modes of transportation. The course discusses the rationale for transport planning and identifies planning strategies. The role of the modes of transportation in development of Tanzania will be part of this course. All case studies and examples should be based on local experience from Tanzania with limited inputs from other developed countries.

GE 362: ENVIRONMENTAL RESOURCE MANAGEMENT

Course Status:	Core Course
Credits Rating	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

This course examines the principles of environmental management based on the need for a better understanding of current environmental impacts and the importance of improved management of natural resources. It aims at giving an insight into problems of environmental management and fostering sustainable development. A range of environmental assessment and management methods and techniques are introduced.

Program: B.A. with Education

History Core Courses

Semester	S/N0.	Course Code	Course Title	Credits
1 st	01	HI 111	Major Issue in African History	10
	02	HI112	Introduction to Ancient European History	10
	Total			20

2nd	03	HI 121	History of Emergence of Islam	10
	05	HI 122	History of East Africa	7.5
	Total			17.5
3rd	04	HI231	Europe from the Renaissance to the end of the Nineteenth Century	7.5
	06	HI 232	History of Umayyad State	7.5
	Total			15
4th	07	HI 241	Introduction to the Theory of History	7.5
	08	RE 242	Research Methods in Social Sciences	7.5
	Total			15
5th	09	HI 351	Colonialism and Nationalism in Asia	7.5
	10	HI 352	History of Zanzibar	7.5
	Total			15
6th	11	HI 361	Twentieth Century Europe	7.5
	12	HI 362	History of Middle East	7.5
	Total			15
Grand Total				97.5

History Elective Courses

Semester	S/N	Course Code	Course Title	Credits
3rd	1.	HI 233	History of USA from 1920 to	7.5
	2.	HI 234	the Present	7.5
	3.	HI 235	Major issues in Colonial and post-colonial Africa History of North Africa	7.5
4rd	4.	HI 243	Revolution and Socialist	7.5
	5.	HI 244	Transformation	7.5
	6.	HI 245	History of Tanzania History of Ottoman Empire	7.5
5th	7.	HI 353	Research Project	7.5
	8.	HI 354	History of West Africa	7.5
	9.	HI 355	History of South Africa	7.5

Note: A student is required to elect total number of three courses of 22.5 credits, one course from each semester.

Grand Total: 120 Credits.

HI 111: MAJOR ISSUES IN AFRICAN HISTORY

Course Status: Core Course
Credit Rating: 10 Credits
Level: 1st year students
Semester: 1st Semester

Course Description

This course has been designed to introduce students to the major themes in African History. The course examines some of the topical themes in African History. It seeks to understand African History by interrogating the traditional handling of the main issues in African History. By so doing the course grapples with real lessons of history by teaching about struggles, changes and transformations in African History.

HI 112: INTRODUCTION TO ANCIENT EUROPEAN HISTORY

Course Status: Core Course
Credit Rating: 10 Credits
Level: 1st year students
Semester: 1st Semester

Course Description

This course examines the history of Ancient Europe up to the fifteenth century. It seeks to introduce students to the history of pre capitalist

Europe. By so doing, the course grapples with the historical change and transformation in Europe before capitalism, in particular the formation of states in Europe and the emergence of feudalism.

HI 121: HISTORY OF EMERGENCE OF ISLAM

Course Status: Core Course
Credit Rating: 10 Credits
Level: 1st year students
Semester: 2nd Semester

Course Description

In this course attempts have been made to cover the initial stage of Islam and the aftermath, and efforts are being made to highlight some phases of the Dark Age of the pre-Islamic history and their nomadic way of lives which contributed somehow to the outbreak of Islam in that society. The course sketches some socio-political and historical aspects of the rightly guided Caliph. It also touches the nature of the Islamic state and its impact on the contemporary societies.

HI 122: HISTORY OF EAST AFRICA

Course Status: Core Course
Credit Rating: 7.5 Credits

Level: 1st year students

Semester: 2nd Semester

Course Description

This course introduces a student to the history of East Africa. The course makes a survey of East Africa from pre-colonial times to the present. It seeks to examine the pre-colonial situation in East Africa and situate the development of colonial and post-colonial East Africa in a broader context of capitalist expansionism.

HI 231: EUROPE FROM THE RENAISSANCE UP TO THE END OF THE 19TH CENTURY

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 1st year students

Semester: 2nd Semester

Course Description

This course is a continuation of HI 112: Introduction to Ancient European History. The course looks into the history of Europe between sixteenth and nineteenth century. It seeks to examine the rise of modern European states and capitalism. The course starts by situating European social,

political and economic life during Renaissance and ends by examining European states as imperial nations and discusses European colonial expansions in the nineteenth century.

HI 232: HISTORY OF THE UMAYYAD STATE

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

This course elaborates the emergence of new Islamic state in the Arab society. This course, throws the light on the concept on how the caliphate changed into the kingship. Efforts are made to sketch some lines on the expansion of the Empire as well. Under this course the students will know that the system of hereditary right of succession was introduced in the Islamic state for the first time, for example Muawiyah elected his son Yazid as successor of the Islamic state even though, the shura was not ready to accept it anyhow. This course also, deals with the socio-political aspect of the Umayyad period.

HI 233: HISTORY OF THE USA FROM 1920 TO THE PRESENT

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The course examines the history of USA from the twentieth century to the present. This course introduces students to the history of the rise of United States Capitalism and how this enables USA to become a world super power. The course introduces students to the history of USA capitalism and the major social, political and economic transformation and that accompanied USA capitalism domestically and globally.

HI 234: MAJOR ISSUES IN COLONIAL AND POST COLONIAL AFRICA

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The course examines the history of Africa from the twentieth century to the present. It seeks to examine topical issues in colonial and post-

colonial African history. It examines colonial economic as well as social political processes and the various attempts and initiatives by the post-colonial African states to bring about social and economic transformation. By so doing the course grapples with historical problems of development and neo colonialism.

HI 235: HISTORY OF NORTH AFRICA

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This course seeks to examine the history of North African countries up to the present. The course introduces students to the social, economic and political transformation of North Africa. The course analyzes the pre-colonial state formation as well as colonial and postcolonial transformation.

HI 241: INTROUCTION TO THEORY OF HISTORY

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

This course seeks to introduce students to theory of history. The course examines general questions pertaining to the philosophy of history and history doing. This course introduces students to the evolution of the meaning of history from the earliest to the contemporary times. It also makes a survey of history of writing and historiography from the Greco-Roman period to the present.

RE 242: RESEARCH METHODS IN SOCIAL SCIENCES

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course description

This course introduces all the processes of research methodology in social sciences. The students will learn how to identifying research problem, collecting data and how they can select sampling techniques, processing and analyzing quantitative and qualitative data. Students will also be able to interpret collected data using statistical methods and

presentation techniques.

HI 243: REVOLUSION AND SOCIALIST TRANSFORMATIONS

Course Status:	Elective Course
Credit Rating	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course analyzes the experience of socialist construction in Soviet Union and China. It seeks to introduce students in a comparative survey on the development of socialist thought and its practice through policy measures that were carried out in the Soviet Union and China.

HI 244: HISTORY OF THE UNITED REPUBLIC OF TANZANIA

Course Status:	Elective Course
Credit rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course seeks to examine the general history of the United Republic

of Tanzania up to the present. The course introduces students to the social, economic and political life of African people in Tanzania before external influences. It examines colonial economic as well as social political process and the various attempts and initiatives by the post-colonial Tanzania to bring about development.

HI 355: HISTORY OF OTTOMAN EMPIRE

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

This course is designed to introduce student a history of Ottoman Empire up to the outbreak of World War. It focuses to the important features of the state of Sultan Suleiman and his contribution to the development of Ottoman Empire as well. It seeks to examine the role of Turkish Empire in World War 1. This course also focuses on the contribution Ottoman Turks to the development of Islam.

HI 351: COLONIALISM AND NATIONALISM IN ASIA

Course Status: Core Course
Credit rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course makes a comparative analysis of colonialism and nationalism in India and China. It seeks to introduce students to Asian colonial nationalist experiences and relate them to Africa.

HI 352: HISTORY OF ZANZIBAR

Course Status: Core Course

Credit rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course seeks to examine history of Zanzibar from the early period to the present. The course introduces students to the social, economic and political life of African people in Zanzibar before external influences. It also grapples with the impact of Arab and British domination over Zanzibar. The course finally exposes a student to the struggles for independence, 1964 revolution and post-independence initiatives and developments.

HI 353: RESEARCH PROJECT

Course Status:	Elective
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This is an optional course in the sense that a student will be required to do a research in one of his area of specializations in a group of four. Each group will be assigned a supervisor who will guide them in conducting research and writing of reports.

HI 354: HISTORY OF WEST AFRICA

Course Status:	Elective Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course seeks to examine the history of West Africa up to recent past. The course introduces students to the social, economic and political

dynamics in West Africa as well as external influences. The course grapples with major issues in West African history, and examines the colonial period, the rise of nationalism as well as the postcolonial initiatives and developments.

HI 355: HISTORY OF SOUTH AFRICA

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course introduces a student to the major issues of South African History. It is designed to enable a student to examine evolution of African societies, the White men and their expansion and African reactions against white domination. It focuses on the transformation of African societies during colonial domination. The course also covers the history of South Africa in the 20th century focusing on issues related to the Union of South Africa, apartheid, liberation struggles and the attainment of majority rule in South Africa.

HI 361: TWENTIETH CENTURY EUROPE

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

This course is a continuation of HI 231: Europe from the Renaissance to the end of Nineteenth Century. It analyzes the major events in Europe in the 20th century. It seeks to examine the outbreak of First World War and the situation of Europe during the Inter-war period. It also focuses on the outbreak of Second World War and the subsequent development of Cold War politics in Europe and its consequences.

HI 362: HISTORY OF THE MIDDLE EAST

Course Status: Core Course
Credit rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

This course examines socio-political development in the Middle East. It

also elaborates the contributions of Muhammad Ali of Egypt. In this course the efforts have been also made to highlight the major effects Second World War on the Middle East. It throws light on the reactions of Muslims on World War.

FACULTY OF ARTS AND SOCIAL SCIENCES

Academic Staff

Senior Lecturer and Dean of Faculty

Dr. Bunyamin Adewale Bello, BA Islamic Law (Sharī'ah) (Islamic University of Madinah) (Saudi Arabia); MA Fiqh and Uşūl al-Fiq (IIUM) (Malaysia); Ph.D. Fiqh and Uşūl al-Fiq (IIUM) (Malaysia).

Master's of sharia and islamic jurisprudence.

Head and staff

- Director, Prof. Dr. Yunis Abdille Musa, B.A. (Law) (IUA); M.A. (Shariah) (IUIU); Ph.D. (Shariah & Law) (Omdurman).
- Dr. Bunyamin Adewale Bello, BA Islamic Law (Sharī'ah) (Islamic University of Madinah) (Saudi Arabia); MA Fiqh and Uşūl al-Fiq (IIUM) (Malaysia); Ph.D. Fiqh and Uşūl al-Fiq (IIUM) (Malaysia).
- Lecturer Dr. Nassor Hamad Bakar, B.A. (Shariah) (IUA); M.A. (Shariah) (IUA); Ph.D. (Shariah) (IUA).

Department of Social Studies

Head of Department and Lecturers

Dr. Nassor Hamad Bakar, B.A. (Shariah) (IUA); M.A. (Shariah) (IUA); PhD. (Shariah) (IUA).

Assistant Lecturers

- Jema Suleiman Khalfan, B.A. (Ed.) (UCEZ); M.A. (History) (UDSM).
- Mohamed Khalfan Mohamed, B.A. (UDSM), M.A. (Demography), (UDSM) PhD. (Candidate) (UNISA).
- Mr. Bagonza Hada Katooke BA (Ed.) Geography and History (Makerere); MA in Geography (Makerere)
- Seif Mzee Mrisho BA (Ed.) UCEZ; MA History (SAUT)

Department of Counseling and Psychology

Head of Department and Lecturer

- Dr. Eltaher Ali Eltaher, BA. Psychology (Al-neelain University) (Sudan); MA Psychology (Al-neelain University) (Sudan); PhD Psychology. (Al-neelain University) (Sudan)
- **Associate Professor**, Hibataallah Mohamed, B.A Psychology (Ahfad University); M.A Psychology (Khartom); PhD Psychology

(Ahfad University).

- **Assistant Lecturers**, Mr. Khamis Juma Khalfan, B.A (Humanity) (IUA); Med (Guidance & Counselling) (IIUM)
- Janet Ayugi, BA (Guidance and Counselling) (Kyambogo University, Uganda); MSc (Counseling Psychology) (Tumaini University).
- Ramadhan Nassor Omar, BA. (Counseling Psychology) (SUMAIT); MA (Counseling Psychology) (Iringa)

Department of Languages

Head of Department and Lecturer

- **Lecturer** Dr. Nawaje Ali Mganga BIED (Islamic Studies and Kiswahili) (MUM); MA (Kiswahili) UDOM; PhD (Kiswahili) UDOM
- **Lecturer**, Omar Salim Shamte, BA (Ed) Arabic Language (IUA) (Sudan); MA in Teaching Arabic to Non-Arabic Speakers (IUA) (Sudan); PhD Applied Linguistics (Arabic Teaching for Non-Arabic Speakers) (IUA) (Sudan).
- **Assistant Lecturer** Mwanajuma Ahmada Ali, B.A. (Ed.) (MUM); M.A. (Linguistics) (UDOM)
- **Assistant Lecturer** Shehe Suleiman Nassor, B.A. (Ed.) (MUM); M.A.

(Kiswahili) (IUIU).

- **Assistant Lecturer** Abdulrahman Omar Mzee, B.A (History & English) (UCEZ); M.A. (Linguistics) (UDOM)
- Suleiman Hemed Said, B.A. (Ed.) (IUA); M.A. (Arabic) (Khartoum).
- Abdalla Habib Ali, B.A. (Islamic Studies) (Madina); M.A. (Arabic) (Khartoum).

Department of Education

Head of Department and Lecturer

- Lecturer Dr. Sharifa Iddy Mbagga; BEd (English and Kiswahili) - Makumira University College- Arusha, MEd (Tumaini University Makumira), PhD (Curriculum Studies) (Mwenge Catholic University).
- **Assistant Lecturer** Jabir Bakari Mtulia, B.A (Ed) (UCEZ); M.A (Ed Management & Administration) (UDSM).
- **Assistant Lecturer** Abla Shaffy Mrisho, B.Ed. (Early Childhood Education) (UDOM), MA (Ed.) (UDOM).

7.2 FACULTY OF SCIENCES

The Faculty of Science has two departments: Natural Sciences and Mathematics and Computer sciences. Within these two departments our undergraduate students find many options to match their interests and qualifications. The program that leads to a BSc. with Education has two teaching subjects. These subjects can be chosen from amongst: Biology, Computer Science, Chemistry, Information Communication Technology, Mathematics, Geography and Physics. Currently the only BSc. Degree offered without Education is BSc in Information Technology.

The initial mandate was to qualify as many sciences secondary school teachers as possible, but the University is gradually diversifying to include nonteaching degrees in sciences. Our commitment is to provide our students with the highest quality of education to meet the demands of the society, industry, and professions. We achieve that while engaging in relevant research and services. Hence our undergraduate students will have the opportunity to work in research undertaken by the faculty members; this will give them an edge for graduate school or in their chosen profession.

Department of Natural Sciences Program:

B.Sc. with Education Chemistry Core

Courses

Semester	S/ N	Course Code	Course Name	Credits
1 ST	01	CH 111	General Chemistry	7.5
	02	CH 112	Organic Chemistry- I	7.5
	03	CH 113	Chemistry Practical - I	5.0
	Total			20
2 nd	04	CH 121	Physical Chemistry-I	7.5
	05	CH 122	Inorganic Chemistry-I	7.5
	06	CH123	Chemistry Practical- II	5.0
	Total			20
3 rd	07	CH 231	Analytical Chemistry	7.5
	08	CH 232	Environmental Chemistry	7.5
	09	CH233	Practical Chemistry- III	5.0
	Total			20
4 th	10	CH 241	Organic Chemistry-II	7.5
	11	CH 242	Inorganic Chemistry-II	7.5
	12	CH243	Practical Chemistry- IV	5.0
	Total			20
5 th	13	CH 351	Physical Chemistry-II	7.5
	15	CH 352	Organic Synthesis	7.5

	16	CH353	Chemistry Practical- V	5.0
	Total			20
6th	16	CH361	Physical Chemistry III	7.5
	17	CH 362	Chemical Spectroscopy	7.5
	Total			15
Grand Total				115.0

Chemistry Elective Courses

Semester	S/N	Course code	Course Title	Credits
3rd	1	CH233	Chemistry of Natural Products	7.5
	2	CH234	Water and waste water Analysis	7.5
	3	CH235	Chemical Oceanography	7.5
	4	CH236	Symmetry and Group Theory	7.5
4th	5	CH243	Computational Chemistry	7.5
	6	CH244	Instrumental Method of Analysis	7.5
	7	CH245	Chemistry of Aqueous and Non Aqueous Solvents	7.5
	8	CH246	Medicinal Chemistry	7.5
5th	9	CH353	In organic Chemistry-3	7.5
	10	CH354	Organic Chemistry-3	7.5

	11	CH355	Organometalic Compounds	7.5
	12	CH356	Chemistry Project	7.5

Note: A student is required to elect total number of three courses of 22.5 credits, one course from each semester. No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

Grand Total: 120 Credits.

CH111: GENERAL CHEMISTRY

Course Status: Core Course

Credit Rating: 10 Credits

Level: 1st year students

Semester: 1st Semester

Course Description

This course deals with fundamental ideas in graduate chemistry such as the concepts to the atom, the molecule, the mole, and their applications to chemical problems. The classical topics include:

Dimensional analysis and Significant figures; Atomic weights; Atomic structure, the Quantum theoretical (modern) approach of atomic structure and electronic configuration; Periodicity and Periodic

properties; Chemical reactions and Stoichiometry; Redox reactions; Chemical bonds and bond properties; Kinetic theory of gases; Ideal gas and Real gas laws, equations of state; the liquid state, properties and intermolecular forces; Solid states. This course will also cover introduction concepts of Thermodynamics (basically first law) and Thermochemistry, and organic chemistry

CH112: ORGANIC CHEMISTRY-I

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

A study of all aspects of fundamental organic chemistry, including nomenclature and classification, chemical and physical properties shall be covered. Typical topics will include:- Theory of vital force; Natural sources of organic compounds; Bonding in carbon and its derivatives; Empirical, molecular and structural formulas; Chemistry of Alkanes, Alkenes and Alkynes; Introduction to Organic stereochemistry, optical activity, enantiomers and isomerism; major types of organic reactions and mechanisms; stability and rearrangement of carbanions and

carbocation; concepts of conjugation, hyperconjugation and resonance; Nucleophilic substitution mechanisms and Elimination reactions (SN1, SN2, E1 & E2). Chemistry of alkyl halides, and introduction to Aromatic compounds, aromaticity, and their derivatives (selected topics).

CH113: CHEMISTRY PRACTICAL-I

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

This is a two three-hour unit laboratory period per week to accompany CH111 and CH112. Chemical laboratory safety (GLP) and industrial chemical regulations are covered including: -

Fundamentals of writing a technical report. Introducing students to the methods of quantitative and qualitative analysis both modern chemical instrumentation techniques as well as “classical” wet chemistry analytical techniques and statistical analysis of the experimental data. Students shall also be introduced to the techniques and methods used in organic practical such as solvent extraction, recrystallization, distillation and

determination of physical constants, and characterization by infrared and ultraviolet spectroscopic techniques.

CH121: PHYSICAL CHEMISTRY-I

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The contents of this course will include: - Introduction to Solution Chemistry, distribution law, colligative properties and phase equilibria; Chemical equilibrium, the equilibrium constant, Le chatelier principle and equilibrium calculations; Electrolytic conductance and transference; Ionic equilibria, degree of ionization, dissociation of acids and bases. Other areas to be covered include Buffer solutions and the Henderens-Hasselback equation, pH concept and Acid- Base indicators, Solubility and solubility products, precipitation; Electrochemistry, Nernst's equation and its applications.

CH122: INORGANIC CHEMISTRY-I

Course Status:	Core Course
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Credit Rating: 10 Credit hours
Level: 1st year students
Semester: 2nd Semester

Course Description

This course offers a unique approach to Descriptive Chemistry of the periodic elements; Theories of chemical bonding and structural inorganic chemistry; chemistry of solids and the Acid- base chemistry including HSAB principle. The students shall also cover the Descriptive Chemistry of the hydrogen and its derivatives such as ammonia, water, mineral acids, etc, Chemistry of inorganic solvents and Extraction of metals from ores.

CH123: CHEMISTRY PRACTICAL -II

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 1st year students
Semester: 1st Semester

Course Description

Laboratory work will cover subject matter studied in CH121 and CH122. The emphasis is on basic techniques essential for the identification, isolation, and characterization of inorganic compounds.

Electrochemistry practical based on conductance; Practical on partition coefficient and colligative properties, and titrimetry analysis shall also be covered.

CH231: ANALYTICAL CHEMISTRY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd semester

Course Description

This course involves the basic concepts and principles of Analytical Chemistry, statistical evaluation of experimental results; Classical techniques of chemical analysis; Laws of photochemistry and their applications in quantitative analysis; Fundamental principles of optical spectroscopy and applications in quantitative and qualitative analysis (UV, IR, NMR, etc); Separation techniques such as chromatography, ion-exchange, solvent extractions, and Electroanalytical methods of analysis shall also be covered.

CH232: ENVIRONMENTAL CHEMISTRY

Course Status:	Core Course
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Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The course shall include the study of chemistry of the environment mainly the natural chemical properties of air, water, and soil, and the human impact on the natural processes. Topics such as monitoring and controlling the environment are also included. Other topics include: Aquatic chemistry; Water pollution and treatment, Air pollutants; Photochemical smog; Soil environmental chemistry; Industrial ecology, Waste minimization; Utilization and treatment, Toxicology, infection controls and environmental biochemistry.

CH237: CHEMISTRY PRACTICAL-III

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

This course contains series of experiments accompanying **CH231** and

CH232. This laboratory courses exposes students to the practice of modern analytical chemistry. Students will get experience using spectrophotometers, pH meters, viscometers, liquid chromatographs, computer interfacing and other instrumental techniques of analysis. Experiments typically utilize products and/or materials that are of environmental or industrial importance.

CH241: ORGANIC CHEMISTRY-II

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

The main objective of this course is to introduce students to the theory of organic reaction mechanisms and basic principles behind the chemistry of common organic functional groups e.g. hydroxyls, ethers, amines, carbonyls, esters, carboxylic acids and their functional derivatives etc, Carbocations, carbenes and nitrenes; Reactivity, structure and orientation of aromatic and vinyl halides; Effects of substituents on acidity and basicity(both aliphatic and aromatic organic compounds); Diazotization of aromatic compounds; Nucleophilic addition and substitution mechanisms;

Electrophilic addition and substitution mechanisms; Conjugate additions; Free radical mechanisms; Rearrangement (carbanion and carbonium) and Condensation (selected reactions categorically), and esterification (including alkaline and acid hydrolysis of esters, Malonic and acetoacetic ester synthesis) reactions; Oxidation and reduction reaction mechanisms.

CH242: INORGANIC CHEMISTRY-II

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The objective of this unit is to introduce the students to the chemistry of non-metals inorganic compounds, their commercial uses and applications in chemical synthesis fields. Mainly the chemistry of p-block elements e.g., phosphorous, sulfur, selenium, chemistry of inter-halogen compounds, pseudohalogen, and xenon shall be covered

CH247: CHEMISTRY PRACTICAL-IV

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 2nd Semester

Course Description

The course contains series of experiments accompanying CH241 and CH242. Laboratory work in this course involves advanced synthetic methods designed as a preparation for experimental research. Students are trained to carry out more complex reactions using sensitive reagents. Most of the semester is used to learn how to determine partial and full structures of organic and inorganic compounds utilizing qualitative chemical and spectroscopic analyses.

CH351: PHYSICAL CHEMISTRY-II

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The content of this course will be the development of the principles of classical thermodynamics. The laws of thermodynamics will be developed by using a series of increasingly complex model systems and a

universal equation of state which incorporates the relationships illustrated by these model systems. Using this equation, it will be possible to appreciate that thermodynamic laws are applicable to all systems of matter, regardless of their complexity. Finally, the principles developed are applied to problems of chemical nature, focusing on predicting the spontaneity and feasibility of chemical reactions. The major topic in chemical thermodynamics shall include mainly the Zeroth, First and Second Laws and their applications, entropy studies, the conditions for spontaneous change, concepts of free energies and their interrelation, Maxwell relations and their importance, chemical potential and chemical equilibrium and how chemists utilize energy concepts to solve scientific problems thermodynamically.

CH352: ORGANIC SYNTHESIS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course will apply the fundamental principles of chemistry to organic synthesis, thus guiding students in evaluating synthetic routes to various

organic compounds. Selected modern synthetic methods include addition, condensation, rearrangement and cyclization mechanisms. Emphasis is placed on the logic and strategy of planning organic synthesis. Asymmetric organic synthesis will also be covered.

CH357: CHEMISTRY PRACTICAL-V

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

The course contains series of experiments accompanying organic synthesis and Physical chemistry II. Experiments will dwell in organic synthesis (preparation of organic compounds), thermo- chemistry and surface chemistry.

CH361: PHYSICAL CHEMISTRY-III

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

The importance of this area emphasizes basically on quantum mechanics and its applications, atomic and molecular structures, and spectral analysis; Statistical mechanics mainly the Boltzmann statistics and partition functions, and their applications in evaluating macro-properties of a system; Orders and rates of chemical reactions, Kinetics of complex reactions, and theories of chemical reactions (physical chemistry approach); Catalysis and Surface chemistry.

CH362: CHEMICAL SPECTROSCOPY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

The main aim of this course is to introduce the students to identify organic species and determine their molecular structures. It involves: - Electrical and magnetic properties of molecules; Dipole- dipole moments applications; Spectroscopic methods e.g. Rotational, Vibrational, Electronic spectra (UV, NMR and ESR etc); other spectroscopic techniques

include IR, FTIR, MS, etc. X-ray Diffraction studies for crystals and molecules.

CH233: CHEMISTRY OF NATURAL PRODUCTS

Course Status:	Elective Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

This course introduces the students to different kinds of secondary metabolites and biosynthetic pathways of natural products particularly introduction to terpenes and steroids, classification and nomenclature, isoprene rule, biosynthesis pathways from acetate via mevalonic acid and isopentenyl pyrophosphate (synthesis of estrone, carvone, etc); Cholesterol, Adrenocortical and sex hormones; Synthesis of Isoquinoline, Benzylisoquinoline; Alkaloids:- Nicotine, Piperine, Morphine, Coniine, and Amaryllidaceae alkaloids from phenyl alanine.

CH234: WATER AND WASTE WATER ANALYSIS

Course Status:	Elective Course
Credit Rating:	7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This subject includes chemistry of water, characteristics of waters, water quality, and laboratory methods of chemical analysis and interpretation of results for water supply, ground and surface waters. Causes and effects of pollutants, waste water and their treatment.

CH235: CHEMICAL OCEANOGRAPHY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

The main objective of this course is to introduce students to Chemical nature of the oceans and also to acquaint the non- specialist with the multi-faceted marine environment and drugs from the sea. Other areas of coverage include the effects of wave action and reef eco-systems to marine invertebrates.

CH 236: SYMMETRY AND GROUP THEORY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

The main objective of this course is to introduce students the use of symmetry in determining chemistry of molecules; Introduction to symmetry of elements and symmetry operations, Center of symmetry, Point groups and Molecular symmetry, Classification of groups, Matrix representation of symmetry operations, Reducible and irreducible representation, Construction of character tables, Chemical applications of group theory, Crystallography and Ligand field theory.

CH 243: COMPUTATIONAL CHEMISTRY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

The main objective of this course is to acquire knowledge in Computational Chemistry, structural determination, feasibility studies of chemical reactions and basic skills in carrying out calculations on problems of chemical interest. The contents includes Born-Oppenheimer approximation, Self-Consistent-Field approach, Quantum Mechanics, Theoretical determination of molecular structure and spectra, Molecular dynamics simulations, Presentation and Analysis , Structural determination of large molecular systems, Computational tools for theoretical determination , feasibility of reaction occurrence, Semi-empirical, ab initio, and density functional calculations of molecular electronic structure, electronic correlation and modeling of reactions.

CH244: INSTRUMENTAL METHODS OF ANALYSIS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

The main objective of this course is to enable students learn how

instruments function both mechanically, mathematically, optically, electronically and how the parts are linked together. These also includes:

Electrochemical devices spectrophotometers for absorption, emission, scattering, and resonance; devices that manipulate particles; and a host of chromatographic devices. Fundamental principles of instrumental methods will be covered including their applications and limitations in scientific research. Specific methods include optical spectroscopy (absorption and emission techniques), infrared spectroscopy, etc. Other techniques such as chromatography and mass spectroscopy shall also be covered. Other topics are Instrument methods of inorganic determination such as flame technique, atomic absorption.

CH 245: CHEMISTRY OF AQUEOUS AND NON-AQUEOUS SOLVENTS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

The major objective is to enable the student to understand the role and

chemistry of solvents as vehicle for inorganic and organic reactions, and the needs to carry out reactions in a solvent. Areas to be covered shall include Classification and general properties of solvents; Protonic and Aprotic solvents; Nature of reactions which requires influence of solvents; Reactions in Non-aqueous solvents e.g. Liquid ammonia, Liquid HF, Liquid H₂S, Acetic acid, Liquid HCN, Liquid SO₂, Liquid N₂O₄, Liquid bromine trifluoride; Reactions in Water, Sulphur acids and Oxyhalides. Study of neutralization reactions in non-aqueous solvents.

CH246: MEDICINAL CHEMISTRY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

This course will explore the chemistry behind the activity of drugs. Among the classes of drugs to be discussed will be antibacterial, anticancer agents and analgesics. Discussion will include the site of drug action and drug metabolism, and at least two topics that have a prominent role in drug research and development. Special emphasis will be placed on the relationship between the chemical structure of a drug and the

biochemical effect of the drug in vivo.

CH353: INORGANIC CHEMISTRY-III

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

The main objective of this course is to introduce students to the Descriptive Chemistry of d-block elements and principles of Coordination Chemistry which are very essential for advance inorganic chemistry. The content shall include among others, nomenclature and the bonding theories of complex compounds; Chelation; Kinetics and mechanisms of transition metal complexes reactions; Stability, magnetism and spectral studies of complex compounds, Isomerism in complexes, Research in the fields of coordination chemistry and Transition metals polymers.

CH354: ORGANIC CHEMISTRY-III

Course Status:	Elective Course
Credit Rating:	7.5 Credits
Level:	3rd year students

Semester: 5th Semester

Course Description

The main aim of this course is to introduce students to the concepts of orbital symmetry and its relation to chemical reaction. Sub-topics such as Simplified molecular orbital theory, resonance energy, linear free energy relationships, Hammett and Taft equation orbital symmetry, conservation of orbital symmetry; Pericyclic reactions:- Electrocyclic, cycloaddition, photodissociation, Photoisomerization, Photo reduction, Photo cyclisation and sigma tropic reactions; Woodward Hoffmann rules, and Stereochemistry of organic compounds shall be covered; Other topics includes Organic photochemistry and heterocyclic will also be covered.

CH 355: ORGANOMETALLIC COMPOUNDS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th semester

Course Description

The major objective is to introduce students to the chemistry of

organometallic and the significant roles of organometallic compounds in synthetic chemistry. The content shall include: Terminologies, classification, general methods of preparation and properties; The 18-electron rule, organometallic compounds of groups IA, IIA, IIB, IIIB, and IVB; Organometallic compounds of two electron ligands and three electron ligands; Metallocene, metal carbonyl and nitrosyl complexes; and Carbides alkyl complexes (their property, structure and bonding, reactivity and applications).

CH356: CHEMISTRY PROJECT

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The main objective of this course is to equip the students with skills of designing and conducting independent practical work and conducting scientific investigation in areas of their interest. The course will include: Defining the problem, Proposal presentation, Data collection, Processing, Analysis, Presentation and Writing a scientific report.

By the end of the course, a student should be able to integrate and reinforce chemistry knowledge from the formal course work, develop scientific and professional skills, defining a problem and proposal writing, planning scientific research work, setting objectives and hypothesis and conducting literature review

Program: B.Sc. with Education

Physics Core Courses

Semester	S/N	Course Code	Course Name	Credits
1 st	01	PH 111	Introductory Classical Mechanics	7.5
	02	PH 112	Electromagnetism I	7.5
	Total			15.0
2 nd	03	PH 121	Vibration, waves and Optics	10.0
	04	PH 122	Thermodynamics	7.5
	Total			17.5
3 rd	05	PH 231	Advanced Classical Mechanics	7.5
	06	PH 232	Statistical Physics	7.5
	07	PH 233	Practical I	7.5
	Total			22.5
4 th	08	PH 241	Electronics	10
	09	PH 242	Quantum Mechanics	7.5
	10	PH 243	Electromagnetism II	7.5
	Total			25.0
	11	PH 351	Solid State Physics	7.5
	12	PH 352	Practical II	7.5

5th	Total			15.0
6th	13	PH 361	Nuclear Physics	7.5
	Total			7.5
Grand Total				102.5

Physics Electives Courses

Semester	S/N	Course Code	Course Name	Credit
3rd	01	PH 234	Atomic Physics	7.5.
	02	PH 235	Relativity and Quantum theory	7.5
5th	02	PH 353	Environmental Physics	7.5
	03	PH 354	Renewable Energy	7.5
6th	04	PH 362	Computational Physics using Python	7.5
	05	PH 363	Physics Project	7.5

Note: A student is required to elect total number of three courses of 22.5 credits, one course from each semester. No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

Grand Total: 125 Credits.

PH111: INTRODUCTORY CLASSICAL MECHANICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

The course aims at teaching fundamental topics of classical mechanics: Dimensions and Dimensional Analysis, Vectors, Kinematics, Newton's Laws of Motion, Work done by a variable force, Kinetic energy and work, Conservative forces and systems, Momentum and Collisions, Rotational kinematics, Gravitation Field, Central force-field motion, Fluid Mechanics and Practical activity associated with mentioned topics.

PH112: ELECTROMAGNETISM I

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

The course covers: Electric charge, Coulomb's law, Electric field, Gausslaw, Electric potential and Capacitance, Current electricity, DC circuits, Kirchhoff's laws and transients. Magnetic field, Amperes and Faraday's laws, Force on a moving charge, Lorentz's law, Electromagnetic field, Inductance and AC circuits.

PH 121: VIBRATION, WAVES AND OPTICS

Course Status:	Core Course
Credit Rating:	9.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The Course aims to teach fundamentals Vibration and Wave phenomenon along with necessary skills and techniques describe mathematically to solve common physical problems. It includes Simple Harmonic Motion, The Damped Harmonic Oscillator, Forced Oscillations, Resonance in Electrical circuits, Coupled Oscillators, wave motion, Standing waves, Geometrical Optics, Huygens' Principle and its application, Interference by Division of Wave fronts, Diffraction, Diffraction Grating and related topic, and

practical activity.

PH 122: THERMODYNAMICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

The course aims to teach working knowledge and understanding of various concepts of thermodynamics. Basically, the course covers the Zeroth law of thermodynamics, State, Process and cycle definition, Open and closed systems. First law of thermodynamics, Work, Internal energy, Adiabatic process, Cyclic process, second law of Thermodynamics, Reversible and Irreversible processes, Entropy, cannot cycle, Efficiency of heat engine, Air standard cycles, Vapor cycles, General chemical reactions, equilibrium, Combustion process, and Third law of Thermodynamics.

PH 231: ADVANCED CLASSICAL MECHANICS

Course Status:	Core Course
Credit Rating:	7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

The course focus in Generalized coordinates, kinematics of particles in cylindrical and spherical coordinates, transformation of coordinates, generalized force and momentum, central forces, fictitious forces, Newton's second law in terms of generalized coordinates and kinetic energy, Lagrangian and Hamiltonian Mechanics.

PH 232: STATISTICAL PHYSICS

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

The course provides a unified survey of statistical physics of particles including phase space, Fundamental of statistical physics, Statistical of independent particles. The equilibrium of particle distribution, Blackbody radiation and Gibbs distribution

PH 233: PRACTICAL PHYSICS I

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

There will be a set of experiments aiming at developing students' abilities in basic measuring skills and demonstrating and verifying some physical principles covered in Mechanics and thermal properties of matter.

PH 234: ATOMIC PHYSICS

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The course uses results of quantum mechanics to explain the basic characteristics of atomic structure and to describe processes of atomic transition. Generally, this course covers the Hydrogen atoms, electron spins, magnetic dipole moment and Lamar's precision, the Zeeman effect,

Stern-Gerlach experiments, exclusion principle, the periodic table, L-S and J-J coupling, atomic spectra, Molecular bonds.

PH 235: RELATIVITY AND QUANTUM THEORY

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The conflicts between what is obvious and what is measured are profound of relativity which modified our sense of reality and absolute time interval to relative one. This course provides a clear understanding on relativity and quantum theory, it includes theory of relativity, particle property of waves and wave mechanics- free particle.

PH 241: ELECTRONICS

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

The course focuses in Band theory of solids, conduction band, valence band, forbidden band. Semiconductors – doping, n-type, p- type, majority and minority carriers, diffusion, p-n junction diode, rectification, Transistors, CB and CE amplifiers and oscillators. Integrated circuits. Digital electronics AND, OR, NOR and NOT gates. Flip flops, half adder, full adder, resistors, Field effect transistor, Designing FET amplifier network, Amplifier, and practical activity.

PH 242: QUANTUM MECHANICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

The course aims to teach fundamentals of Quantum Mechanics and the skills necessary to solve some common types of problems. The topic includes; Schrödinger equation, Postulate of quantum mechanics, Operators, Eigen functions and eigen values, Hermitian operators, Orthogonality, Degeneracy, Compatibility, Correspondence principle

and mean values, Hydrogen atom, Angular momentum, Solution of Schrodinger equation for hydrogen atom, Matrix representation, Heisenberg principle, Perturbation theory, Quantum relativistic theory, Klein Gordon and Dirac equation.

PH 243: ELECTROMAGNETISM II

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 4th Semester

Course Description

The course focuses in Electric and magnetic vectors, electrostatics and Magneto statics. Dielectric materials, Maxwell Equations, electromagnetic waves and electrodynamics.

PH 351: SOLID STATE PHYSICS

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

The purpose of the course is to provide a general introduction and understanding of Thermal, Conductive, Optical and structure of matter. Generally, it will focus on the Crystal Lattice, Unit Cell, Ionic Bonds, Crystal Types, Vander Walls Force, Miller indices, X-ray diffraction, Bragg's law, Reciprocal lattice. Thermal properties of solids, Classical Model, Einstein Model, Einstein Model, Debye Model, Electrical Properties of Solids, Classical Theory, Conductivity, Fermi Energy Density, Paramagnetic, Magnetic resonance, Band Theory of Solids, Coring-Benny Model, Free Electron Model, Optical Properties of Solid, Introduction to Superconductivity.

PH 352: PRACTICAL PHYSICS II

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

There will be a set of experiments aiming at developing students' abilities in basic measuring skills, demonstrating and verifying some

physical principles covered in electricity and magnetism.

PH 353: RENEWABLE ENERGY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The course focuses on the classification of traditional sources of energy and classification of renewable energy sources. Solar energy: Solar intensity calculation, photo-thermal conversion, flat plate collectors, concentrating collectors, cooling systems, photovoltaic conversion, chemical conversion. The other area to be covered are Wind energy (Characteristics, advantages & disadvantages, wind energy systems) Falling water energy, Thermal Sea & Ocean Energy, Geothermal Energy, Biomass Energy and Hydrogen Energy.

PH 354: ENVIROMENTAL PHYSICS

Course Status: Elective Course

Credit Rating 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This is an introductory concept-based course designed to give students some basic understanding in the following areas of specialization: Human environment, The urban environment, The Sun and atmosphere, Solar energy, Structure and composition of the Earth's atmosphere, Atmospheric pressure, Terrestrial radiation, Remote sensing, Orbits of satellites, Resolution of satellites image, Radar, Application of remote sensing data, Global weather monitoring network, Surface network, Upper atmosphere network, Weather forecasting, Clouds physics, Physics of clouds formation, Atmospheric electricity, Global weather patterns and climate, Pressure gradients and wind.

PH 361: NUCLEAR PHYSICS

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

This is an introductory concept-based course designed to give students

some basic understanding of nuclei and elementary particle. The course covers Radioactivity, Binding energy, Nuclear Systematic, Liquid drop model, Shell model, Nuclear reaction, nuclear fission, Nuclear reactor, Nuclear fusion, Strong and weak nuclear forces, elementary particles, Meson theory, Weak nuclear force, Elementary particles, Quarks, Leptons, Photons.

PH 362: COMPUTATIONAL PHYSICS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

The course is designed to provide problem solving skills using computer program. It focuses in Python Basics: Basic Numerical Tools, Numeric Solution, Numeric Integration, and Differentiation.

The Real Pendulum, Phase Space, Monte Carlo Techniques, Stochastic Methods, The Random Walk, Diffusion and Entropy, Partial Differential Equations, Laplace's Equation, and Wave Equation

PH 363: PHYSICS PROJECT

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

Students will be exposed on planning scientific research work. They will cover important aspects of research such as deciding on a topic, defining a problem, setting objectives developing research question or hypothesis, and literature review.

Program: BSc. with Education

Biological Sciences Core Courses

Semester	SN	Course Code	Course name	Credits
1 st	01	BL111	Cell Biology	7.5
	02	BL 112	Systematic Botany	7.5
	Total			15
2 nd	03	BL 121	General Zoology	7.5
	04	BL 122	Ecology	7.5
	Total			15
3 rd	05	BL 231	Biostatistics	7.5
	06	BL 232	Animal Physiology	10
	07	BL 233	Plant Physiology	7.5
	Total			25
	08	BL 241	Plant Anatomy	10
4 th	09	BL 242	Microbiology	10
	10	BL 243	Genetics	7.5
	Total			27.5
5 th	11	BL 351	Parasitology	7.5
	12	BL 352	Organic Evolution	7.5
	Total			15
6 th	13	BL 361	Soil Science	7.5
	Total			7.5
	Grand Total			105

Elective Courses Distribution

Semester	SN	Course Code	Course name	Credits
5th	01	BL 353	Marine Biology	7.5.
5th	02	BL 354	Weed Biology and Crop Improvement	7.5
5th	03	BL 355	Entomology	7.5
6th	04	BL 362	Medicinal Plants	7.5
6th	05	BL 363	Mycology	7.5
6th	06	BL 364	Biochemistry	7.5
6th	07	BL 365	Animal Histology	7.5
6th	08	BL 366	Biology Project	7.5
6th	09	BL 367	Embryology	7.5

Note: A student is required to elect total number of two courses of 15 credits, one course from each semester. No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

Grand Total: 120 Credits.

BL111: CELL BIOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

This course aims to introduce student in the biology of cells of higher organisms. The topics include the following:

The structure, function, and biosynthesis of cellular membranes and organelles; cell growth and transformation; transport, receptors, and cell signaling; the cytoskeleton, the extracellular matrix, and cell movements; chromatin structure and RNA synthesis, DNA, chromosomes, and nucleus

BL112: SYTEMATIC BOTANY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

Introduction: nature and historical development of systematics. Species concepts and taxonomy. The study of taxonomy, morphology, anatomy and life history of representative species of Algae, Fungi Bryophytes, Pteridophytes, Gymnosperms and Angiosperms. Economic importance of various taxa. Collection and processing of plant samples for herbarium specimens.

BL121: GENERAL ZOOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

This is an introduction to the animal kingdom. The course provides classification of the invertebrate and vertebrate phyla. The course will cover the Study of structural evolution of invertebrates from primitive to advanced which include Phyla Protozoa; Porifera; Cnidarians; Platyhelminthes; Aschelminthes; Annelids; Mollusca; Arthropods; Bryozoa; and Echinodermata. Study of the structural evolution of vertebrates from primitive to advance (Phyla Chordata, Hemichordate,

Urochordata, Cephalochordate, and Vertebrata).

BL122: ECOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

Definitions: Ecology, ecosystem, macro and microhabitats. Population dynamics, distribution and dispersal. Physical and chemical factors of the environment. Food chains, water cycle and energy flow. Nutrient cycling, nutrient pools, nutrient flow and nutrient budgets. Natural resources, pollution and the management of ecosystem. Human disturbances, global warming, acid rain and depletion of ozone layer. Biogeochemical cycles. Intrusion of humans in biogeochemical cycles.

BL231: BIOSTATISTICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

Introduction to biostatistics, measurement and sampling concepts, processing and presenting data. Measurement of average and variability; Probability Distribution and data transformation. Statistical testing, correlations, analysis of frequencies and regression. Comparing averages, analysis of variance – ANOVA.

BL 232: ANIMAL PHYSIOLOGY

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

Enzymes – the biological catalysis. Metabolism: oxidation of food stuffs; Blood sugar, role of liver in Metabolism. Digestion and Absorption, water Relations and ionic regulation. Temperature regulation, Body fluids circulation of blood

- respiration, Excretion Neurons Coordination, hormonal regulation
- reproduction.

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BL233: PLANT PHYSIOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

Physical and chemical preconditions of biochemical reactions. Enzyme catalysis: mechanisms of enzyme catalysis, enzyme inhibition, and regulation (allosteric enzymes). Basics in thermodynamics: oxidation, reduction and redox reactions. Properties and types of solutions. Biological membranes. Physiological processes: transport (through membranes), transpiration, absorption and translocation. Energy metabolism (photosynthesis, mineral nutrition; growth and development). Sensing and responding to environmental stimuli and hormonal interactions of shoots.

BL241: PLANT ANATOMY

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	2nd year students

Semester: 4th Semester

Course Description

Introduction to plant structure: plant cells, protoplast, cell wall, cellular inclusions, non-living. vessels, intercellular spaces and cavities. Tissues - Meristematic and Permanent tissues. Tissue systems: Dermal, Ground and vascular tissues systems. Anatomy of roots, leaves and stems of monocots and dicots. Primary and secondary thickening. Emphasis on relationship between structure and function, and adaptive modifications of various parts.

BL 242: MICROBIOLOGY

Course Status: Core Course

Credit Rating: 10 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

The course emphasis is on promoting understanding of microorganisms, their uses and importance. Through practical the students will demonstrate the principles and the techniques which are used to control microorganisms; asepsis and sterilization techniques. This part will cover

the techniques used to identify and distinguish different types of microbes.

BL 243: GENETICS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

The major objective of this course is to introduce students to the important roles played by genes in controlling what organisms look like physically and their influence on behavior and personalities of living organisms. The course deals with historical background of Genetics, principles of genetics, the importance of genetics, transmission genetics, molecular genetics, population and quantitative genetics. The course will also cover the introduction in biotechnology and genetic engineering

BL351: PARASITOLOGY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students

Semester: 5th Semester

Course Description

The course aims at introducing the students to the general principles of parasitology and parasitism; Morphology, anatomy, life history and ecology of various parasites; Host adaptation to parasites; Epidemiology and control measures against parasites.

The course will introduce the students to the types of microbes; bacteria, fungi, viruses; learn external and internal structure of microorganisms, their general characteristics and basis of their classification and naming.

BL352: ORGANIC EVOLUTION

Course Status: Core Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course will cover the historical perspective which include pre-Darwin, Darwin theories, Post-Darwin, Mendel (genes and DNA) to be followed with the types of evidence: Homologies and vestigial

structures, embryology, fossils, biochemistry. The course will also deal with Cell division and reproduction; mitosis, meiosis and chromosomal anomalies and discuss on Hardy-Weinberg Principle. The study will include Genetic changes: mutation, selection genetic drift and selection together with Evolution and Classification: species, speciation, and biological races to be followed with isolating mechanisms: modes of speciation and extinction and Evolution Mechanism and Human Evolution.

BL361: SOIL SCIENCE

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

The course aims at introducing students to the science of soil which include soil biology, soil chemistry, soil physics and soil geography. The course will cover the following parts: Definitions: soil, soil formation and classification, Soil physics: texture, structure, porosity, bulk density and particulate density. Soil chemistry: oxidation-reduction reactions in soils, solubility relationship, complex ions and ion exchange capacity. Soil

biology: soil organisms and their activities. Soil fertility and plant nutrition: essential and beneficial elements, macro and micro nutrients.

Soil degradation: definition and types of degradation, soil erosion (agents, factors and courses of soil erosion).

BL353: MARINE BIOLOGY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The course deals with the introduction to Marine Biology which will cover the following topics: The Structure of the ocean: water column profile, pelagic division, provinces of the ocean floor, intertidal area, and biological zonation.

The Structure and function of marine ecosystems: tropical marine ecosystems, sea-grass beds, mangrove forests, coral reefs and Sea Resources (living and non-living).

The impacts of human on marine environment: pollution (oil, sewage, synthetic chemicals, heavy metals, thermal pollution, radioactive, solid

waste); modification and destruction of habitats; conservation of marine environment (MPAs, restoration of habitats mangrove and sea grass replanting, artificial reefs). Deep sea Biology.

BL354: WEED BIOLOGY AND CROP IMPROVEMENT

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The course deals with introduction to weed biology and crop improvement which will cover the following topics:

The emphasis in this course will be its application to agricultural activities. The morphology of plants: Bryophyta, Pteridophyte and spermatophytes; The forms and functions of organ systems of flowering plants: Roots, stems, leaves, flowers (inflorescence). Some plant processes: Pollination, fertilization, and seed development. Fruits types. The seed: structure, chemical composition, dormancy and germination.

BL 355: ENTOMOLOGY

Course Status: Elective Course

Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

Definitions: pest-type and categories. Classification, morphology, life history and physiology of insects and related arthropods. Ecology and behavior of insects. Insects as vectors of animal and human diseases. Economic importance of insects. Pest Control and managements: principles of control of insect pests and disease and insecticides (side effects of and resistance of insects to pesticides).

BL 362: MEDICINAL PLANTS

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

The course objective is to enable students to identify common tropical medicinal plants, conserve and describe uses of these plants for medicine. The course will cover major medicinal uses of these plants by emphasis

on locally available sample plants. The course will cover chemical constituent's analysis and rationale as to why the different parts of plants are used in traditional medicine. The course will define methods to apply chromatographic techniques to identify main chemical compounds found in medicinal plants. The course will explain the importance of conservation of medicinal plants. The course will provide technicalities in the proper storage and handling of plant parts to be used for medical and culinary purposes.

BL363: MYCOLOGY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

The course deals with introduction to Science of Mycology which will cover the following topics:

Kingdom Fungi: Cells and body organization, reproduction, mode of nutrition. Fungi classification. The study of major groups of Fungi (Ascomycetes Basidiomycetes, Zygomycota, Chytridiomycota):

Characteristics of each group, cells and body organization, and life cycle. Fungi relations with other organisms: Fungi as predator and parasite of plant and animals, as essential partner of plant and animals. Fungi in biotechnology and industries.

BL364: BIOCHEMISTRY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

The course deals with introduction to biochemistry which will cover the following topics: Chemical basis of Life, Biochemistry of Carbohydrates, Lipids, Proteins, Nucleic Acids, Vitamins and Hormones, Classification, Biochemical Properties and vitality of each group to be discussed in relation to vital living activities. The emphasis shall be on metabolic pathways most concerned with organism nutrition and energy requirement (glycolysis, Krebs cycle, oxidative phosphorylation).

BL365: ANIMAL HISTOLOGY

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

The course deals with Introduction to Marine Biology which will cover the following topics:

Cells: Epithelial Tissues, Connective Tissues, Integumentary System, Skeletal System. Muscles: Muscular systems and Cardiovascular Systems, Circulatory System, Respiratory System, Gastro-Intestinal System, Nervous System, Endocrine System, Urinary System, Reproductive Systems, with strong emphasis on relation of structure to function.

BL366: BIOLOGY PROJECT

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

Planning scientific research work: defining a problem, setting objectives and hypothesis, and literature review. Procedure: a practicable design or investigation of chosen problem is performed and a report is presented and discussed. The students are assigned to Staff-member(s) as supervisors for the projects. The course will include: data collection, processing, analysis and presentation, then writing a scientific report.

BL367: EMBRYOLOGY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

The course deals with introduction to Embryology which will cover the following topics:

The Introduction to Reproductive Structures. Gametogenic: Oogenesis and Spermatogenesis. Fertilization: Sperm and Ovum Transport, Cortical reactions and penetration. Gastrulation in chicken and in amphibians. The Origin of Notochord, Implantation (normal and abnormal). The angiogenesis and blood formation. Neurulation/Organogenesis:

development of body form, cardiovascular development, urogenital development. Fetal Period: Placenta and Fetal Membranes. Multiples and Parturition.

Department of Mathematics and Computer Sciences

Program: B.Sc. with Education

Mathematics Core Courses Distribution

Semester	SN	Course Code	Course name	Credits
1st	01	MT111	Foundations of Mathematics	7.5
	02	MT112	Fundamentals of Calculus	10
	Total			17.5
2nd	03	MT121	Basic Principles of Linear Algebra	7.5
	04	MT122	Multivariate Calculus	7.5
	Total			15
3rd	05	MT211	Differential Equation	10
	06	MT212	Probability & Statistics I	10
	07		Elective	7.5
	Total			27.5
4th	08	MT221	Abstract Algebra I	7.5
	09	MT222	Operational Research I	7.5
	10		Elective	7.5
	Total			22.5
5th	11	MT311	History and concept of mathematics	7.5
	12	MT312	Topology and Functional Analysis I	7.5

	13		Elective	7.5
	Total			22.5
6th	14	MT321	Complex Analysis	7.5
	15	MT322	Numerical Analysis	7.5
	Total			15
Total				120

Elective Courses Distribution

Semester	SN	Course Code	Course name	Credit
3rd	01	MT213	Vector analysis	7.5
	02	MT214	Fundamental of real Analysis	7.5
	03	MT215	Rigid body Mechanics	7.5
4th	04	MT223	Partial Differential Equations	7.5
	05	MT224	Computer Programming and Software Applications	7.5
	06	MT225	Introduction to fluid mechanics	7.5
5th	07	MT313	Theory of Ordinary Differential Equation	7.5
	08	MT314	Number Theory	7.5
	09	MT315	Complex Analysis	7.5
6th	10	MT323	Measure Theory of Integration	7.5

	11	MT324	Topology and Functional Analysis II	7.5
	12	MT325	Mathematics Project	7.5

Grand Total: 120 Credits.

Note: No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

MT111: FOUNDATION MATHEMATICS

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 1st year students
Semester: 1st Semester

Course Description

This course provides students with introductory concepts relevant to the teaching of Mathematics. It teaches the students to read and write proofs. Emphasis is put on formal mathematical reasoning and communication of formal mathematical ideas. Topics include: sets, relations and functions, symbolic logic, and techniques of mathematical proof.

MT112: CALCULUS I

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	1st year students
Semester:	1st Semester

Course Description

This is an introduction to the concepts and techniques of Calculus. Emphasis is made on theory and applications of derivatives, anti-derivatives and definite integrals. Topics to be covered include: Limits and Continuity, Differentiation, techniques of integration, Improper integrals, and Infinite series.

MT121: BASIC PRINCIPLES OF LINEAR ALGEBRA

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	1st year students
Semester:	2nd Semester

Course Description

This course introduces the concepts essential to mathematics beyond Calculus. The course is used as a tool for solving standard linear equations as well as for understanding the structure of solutions of linear

systems of ordinary differential equations. Topics include systems of linear equations, Matrix Algebra, Determinants, Vector spaces in \mathbf{R}^n and Linear transformations.

MT122: CALCULUS II

Course Status: Core Course
Credit Rating: 7.5 Credits
Level: 1st year students
Semester: 2nd Semester

Course Description

This is a continuation of MT112. It extends the calculus of a single variable to that of several variables. Topics include Limit and continuity of functions of more than one variable, partial derivatives and their applications, Double integrals and their applications, techniques of integration.

MT231: DIFFERENTIAL EQUATIONS

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The subject of differential equations constitutes a large and very important branch of modern mathematics. This course is an introduction to the basic concepts, theory, methods and applications of ordinary differential equations. The topics include: First order Ordinary Differential Equations, Linear Second Order Ordinary Differential Equations, Power Series Solutions, Systems of Linear First Order Equations and their applications

MT232: PROBABILITY AND STATISTICS-1

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

This course provides a study of probability, Distribution theory and the basics of statistical inference. Topics to be covered include: probability, discrete and continuous distributions, descriptive statistics and hypothesis testing for one and two-sample problems, Random variables and Probability distributions.

MT241: ABSTRACT ALGEBRA

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course introduces the student to the axiomatic and abstract point of views so prevalent in modern mathematics. Emphasis is put on the theory of groups and Rings.

MT242: OPERATIONAL RESEARCH

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course introduces students to the general theory of operational research. The course covers some important areas of linear programming such as feasible solution to problems and the calculation

of optimal values, maximization and minimization of profit and loss. The topics include: Introduction to Operations Research (OR): Optimization Models and Examples. Linear Programming (LP): Definition, LP models, Linear programming models: Graphical solution, Simplex algorithm, Sensitivity Analysis and duality; Transportation models, Network models and algorithms, Integer Programming: modelling with integer variables, Branch and Bound methods, Dynamic Programming, Queuing Models, Nonlinear Programming: Nonlinear models; Constrained/Unconstrained optimization algorithms.

MT351: COMPLEX ANALYSIS-I

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

This is a study of functions of a complex variable. Topics include complex algebra and functions, analyticity, contour integration, Cauchy's Theorem, Cauchy's integral formula, Taylor and Laurent series, residues and evaluation of integrals.

MT352: TOPOLOGY-I

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

General topology has recently become an essential part of mathematical background of both graduate and undergraduate students. Its ideas and methods have transformed large parts of geometry and analysis. This course is a foundation course for point set topology. Topics to be covered include metric spaces, topological spaces, continuous mappings, connectedness, compactness.

MT361: HISTORY OF MATHEMATICS AND GEOMETRY

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	5th Semester

Course Description

This course provides an overview of the historical development of Mathematical concepts and methods from earliest to modern time. The course is appropriate for prospective and in-service Mathematics teachers. Topics include: Babylonian Mathematics, Ancient Greek Mathematics, Indian mathematicians, Arab mathematicians, History of zero and history of modern numerical systems.

MT362: NUMERICAL ANALYSIS

Course Status:	Core Course
Credit Rating:	7.5 Credits
Level:	3rd year students
Semester:	6th Semester

Course Description

In this course the students learn to derive, apply and appreciate simple numerical techniques for solving some basic problems in mathematical analysis. Numerical methods for solving Non-linear equations, integration, interpolation, approximation, Curve fitting, Error theory.

MT233: VECTOR ANALYSIS

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

In the course students are introduced to the calculus of vector functions. Topics include: Differentiation, Divergence and Curl of Vector Functions, Line Integrals, Surface Integrals.

MT234: FUNDAMENTAL OF REAL ANALYSIS

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

The objectives of this course are to introduce the student to fundamental concepts of analysis that underpin a large number of areas of mathematics, both pure and applied. These are as follows

- Nature of proof in analysis: direct proof, contrapositive, contradiction. The irrationality of $\sqrt{2}$ and e . Natural numbers and induction: the binomial theorem;
- Functions: one-to-one, onto, bijections.
- Countability; Completeness of the real numbers; Topology of the reals: open and closed intervals, structure theorem of open sets, compact sets;
- Continuous functions; definitions and properties, intermediate value theorem, global extrema on compact sets.
- Metric Spaces: introduction to metric spaces, with emphasis on function spaces and their properties: the space of continuous functions on an interval, uniform convergence; Arzela-Ascoli theorem; Stone-Eigenstresstheorem.
- Lebesgue integration: definition and properties, Fatou's lemma, monotone convergence theorem, dominated convergence.

MT235: RIGID BODY MECHANICS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 3rd Semester

Course Description

This course develops the ability to derive mathematical formulation of physical problems. The course consists of two parts, Statics and Dynamics. The topics to be covered include: statics of a single particle, equilibrium of rigid body and dynamics of the rigid body.

MT243: PARTIAL DIFFERENTIAL EQUATIONS

Credit Status: Elective Course

Course Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

Partial Differential Equations arise from various physical and geometrical problems which involve functions that depend on two or more independent variables. This course is the study of techniques of applied mathematics used to solve linear Partial differential equations. The course discusses three prominent classical equations of mathematical physics namely, the wave equation, the heat equation and Laplace equation.

MT244: INTRODUCTION TO COMPUTER PROGRAMMING

Course Status: Elective Course

Credit Stating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

This course introduces students to the use of computer programming in solving problems in different mathematical courses, especially numerical analysis. The course covers the fundamentals of computer programming including, flowcharts, variables, functions, flow control, iteration and recursion. These concepts will be illustrated through examples and assignments showing how computer programming can be used to solve various scientific problems.

MT245: INTRODUCTION TO FLUID MECHANICS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 2nd year students

Semester: 4th Semester

Course Description

This course leads students to an understanding of fluid mechanics fundamentals, including concepts of mass and momentum conservation, ability to apply the Bernoulli equation to solve problems in fluid mechanics, ability to apply control volume analysis to problems in fluid mechanics, ability to use potential flow theory to solve problems in fluid mechanics, an ability to perform dimensional analysis for problems in fluid mechanics. It will also give student knowledge of laminar and turbulent boundary layer fundamentals.

The topics include the following: Fluid Statics; Conservation of mass and momentum; Equations of motion in integral form; Equations of motion in differential form; Equations of motion in differential form; Viscous flows, exact solutions, pipe flow; Laminar boundary layers; Boundary layer solution methods; Turbulence; Turbulent internal and external flows.

MT353: THEORY OF ORDINARY DIFFERENTIAL EQUATIONS

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

The aim of this course is to provide an introduction to dynamical systems and the qualitative study of differential equations. This is the continuation of the Differential equations. Topics include: Existence and uniqueness theory, special functions, qualitative properties of solutions (stability, phase plane) and ecological applications (Predators, competitors).

MT354: NUMBER THEORY

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 5th Semester

Courses Description

The aim of this course is to study the fundamental properties of integers and ability to prove basic theorems. The following topics will be covered:

- **The Integers:** Basic Properties, Summations and products,

Mathematical induction, Binomial coefficients, Divisibility, Representations of integers and Prime numbers.

- **Greatest Common Divisors and Prime Factorization:** The Euclidean Algorithm, The Fundamental Theorem of Arithmetic, and the Fermat numbers and Linear Diophantine equations.
- **Congruences:** Introduction, Linear congruences, The Chinese Remainder Theorem, Systems of Linear Congruences and Divisibility tests. Perfect Numbers, Mersenne Primes, Fermat's Theorem, v and a -Functions, Euler's $\hat{\phi}$ -Function, Cryptology and the Pythagorean Triple.

MT355: MEASURE THEORY OF INTEGRATION

Course Status: Elective Course

Credit Rating: 7.5 Credits

Level: 3rd year students

Semester: 6th Semester

Course Description

The objective of this course is to introduce the learner to Lebesgue integral and elements of measure theory. The following area of specialization will be covered:

- Review of completeness of the real numbers; cardinality;

countable and uncountable sets; introduction to measure theory; σ -algebras.

- Boreal sets; the extended real numbers; Lebesgue outer measure and its properties. Lebesgue measurable sets; the σ -algebra of Lebesgue measurable sets; relationship with the Boreal σ -algebra; the Cantor set; measure spaces and examples.
- Properties of measure spaces; measurable functions and their properties. \limsup and \liminf ; sequences of measurable functions; the Cantor ternary function; simple functions; approximation by simple functions.
- Integration of simple functions; integration of non-negative measurable functions; the Monotone Convergence Theorem and its consequences.
- Fatou's Lemma; the general integral and its properties; the Dominated Convergence Theorem; notions of convergence and Egoroff's Theorem.
- Comparison of the Riemann and Lebesgue integrals; products of measure spaces. The Carathéodory Extension Theorem; Tonelli's Theorem and its proof; the Monotone Class Lemma; Fubini's Theorem.

MT363: COMPLEX ANALYSIS-II

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

This is the continuation of Complex Analysis I. Students will develop the necessary techniques in interpreting and applying results of complex analysis. Topics to be covered include conformal mapping, many valued functions, generalization of the residue theorem, sequences and series.

MT364: TOPOLOGY-II

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

This is the continuation of topology I. The topics in this part include: separation axioms, complete metric spaces, Hilbert spaces.

MT365: MATHEMATICS PROJECT

Course Status: Elective Course
Credit Rating: 7.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

This course equips the students with skills of designing and conducting independent work. Students get an opportunity of conducting scientific research in areas of their interest.

Program: B.Sc. Computer Science
Computer Core Courses Distribution

Semester	SN	Course Code	Course name	Credits
1 st	01	CS111	Computer Applications and Concepts	7.5
	04	CS113	Structured Programming using C	12.5
Total				20
2 nd	06	CS122	Object Oriented Programming	12.5
	07	CS123	Database Management System	12.5
	Total			

3 rd	09	CS231	Software Engineering	10
	12	CS232	Interactive Web Design and Development	12.5
	13	CS233	Data Communication and Networking Technology	12.5
	Total			35
4 th	14	CS242	Data Structures and Algorithms	10
	16	CS243	Systems Analysis and Design	12.5
	19	CS247	Practical Training	10
	Total			32.5
5 th	19	CS351	Programming with Java	12.5
	20	CS352	Distributed Systems	10
Total			22.5	
6 th	24	CS361	Cryptography and Network Security	10
	25	BIT361	Information Technology Auditing	10
	27	CS364	Final Project	12.5
Total			32.5	

Grand Total	167.5
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Computer Elective Courses Distribution

Semester	SN	Course Code	Course Name	Credits
4th	1	CS244	E-commerce	10
4th	2	CS246	Human Computer Interaction	10
6th	3	BIT361	Information Technology Auditing	10
6th	4	CS235	Data Mining	10

CS113: INFORMATION SYSTEMS

Course Status: Core Course

Credit Rating: 10 Credits

Level: 1st year students

Semester: 1st Semester

Course Description

This course will introduce the topic of Information Systems (IS) and discuss how is applied to achieve both personal and organizational goals. It

explores IS in many different ways of our lives. The main areas that covers are IS Technologies, IS Applications, and IS Development and Management. Different IS systems are explored although emphasize is on different type of business supporting systems.

CS121: DIGITAL CIRCUIT DESIGN

Course Status: Core Course
Credit Rating: 10 Credits
Level: 1st year students
Semester: 2nd Semester

Course Description

An introduction to digital electronics, integrated circuits, numbering systems, Boolean algebra, gates, flip-flops, multiplexers, sequential circuits, combinational circuits, and computer architecture. Introduction to hardware description language and programmable logic devices.

CS234: MOBILE COMPUTING

Course Status: Core Course
Credit Rating: 10 Credits
Level: 2nd year students
Semester: 3rd Semester

Course Description

This course will introduce a student to mobile computing and mobile application development. Mobile technology, application development and user interaction will be the focal point of discussion in this course. The course will overview different mobile applications, technologies as well as wireless commutation. Likewise, students will be introduced to low power computing, fault tolerance, computing in environments with lower sources and persistence, all of which are the common paradigms of mobile computing.

Students will also be introduced to and use mobile computing frameworks and development environment store-enforce the knowledge they have acquired in their lectures. There will be wide range of discussions on user interface and user experience, application development and analysis guidelines from various vendors.

CS235: DATA MINING

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	2nd year students
Semester:	3rd Semester

Course Description

This course presents the techniques most commonly employed in the analysis of large volumes of data, in the extraction of knowledge from this data, and in making decisions based on the knowledge acquired. The course is organized in a way that will enable a student to apply the theoretical concepts of the course over data sets freely available on the Internet, for example, using the open-source data mining tool “Weka”. It also presents the problems related to data mining that are not yet resolved satisfactorily at present and, therefore, are open research areas.

CS241: COMPUTER GRAPHICS

Course Status:	Core Course
Credit Rating:	12.5 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course is designed to equip students with basic principles and techniques for computer graphics on modern graphics hardware. Students will gain experience in interactive computer graphics using modern techniques and algorithms such as RASTER algorithms. Topics

include: 2D viewing, 3D viewing, perspective, lighting and geometry.

CS242: DATA STRUCTURES AND ALGORITHMS

Course Status:	Core Course
Credit Rating:	10 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

Acquisition of a more detailed understanding of algorithms and how data may be structured and instructions sequenced in algorithms and programmers and how data and control structures and tasks from the “real world” are pointed out.

CS244: E-COMMERCE

Course Status:	Elective Course
Credit Rating:	10 Credits
Level:	2nd year students
Semester:	4th Semester

Course Description

This course focuses on electronic commerce applications, technologies,

and tools which are used to conduct business on the World Wide Web. It reviews foundations of e-commerce, its infrastructure, current business models in business-to-customers (B2C) and business-to-business (B2B) transactions, security and quality assurance, web site design strategies, payment systems, and various issues—Internet marketing, legal, regulatory, technological, social, and ethical—which relate to electronic business, systems development issues, electronic data interchange, web-based marketing, e-supply chains, e-procurement, e-marketplace, customer relationship management, and web-enabling mobile.

A major part of the course will be devoted to hands-on practices covering client-side (front-end) and server-side (back-end) applications in web-based business information systems. Essentials of contemporary programming tools for e-commerce development such as HTML, XML, ASP (VB/JavaScript) will be explored. E-Business case studies are used to demonstrate the advantages and the challenges related to integrating ecommerce applications.

CS351: PROGRAMMING WITH JAVA

Course Status: Core Course

Credit Rating: 12.5 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course teaches students how to develop Java applications. Topics covered include the Java programming language syntax, OO programming using Java, exception handling, file input / output, threads, and collection classes.

CS353: EMERGING TECHNOLOGIES

Course Status: Core Course

Credit Rating: 10 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course aims at providing a brief insight to some emerging trends in technologies such as: Bio-informatics, Embedded System, new techniques in data capturing among others.

CS354: RESEARCH METHODOLOGY IN IT

Course Status: Core Course

Credit Rating: 10 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course is intended to ensure that the students develop knowledge of research methodologies in IT and demonstrate an in- depth ability to approach problems in ICT in a scientific manner.

CS355: SOFTWARE DEVELOPMENT PROJECT MANAGEMENT

Course Status: Core Course

Credit Rating: 10 Credits

Level: 3rd year students

Semester: 5th Semester

Course Description

This course addresses the breadth of managing software development and is designed to help technically trained software engineers to acquire the knowledge and skills necessary to lead a project team, understand the relationship of software development to overall project engineering, estimate time and costs, and understand the software process. The nature of software development is unique to require specialized management techniques, especially in the areas of estimating and

scheduling. Students will spend some time to practically discuss and resolve matters that might arise in the real world.

CS 361: CRYPTOGRAPHY AND NETWORK SECURITY

Course Status: Core Course
Credit Rating: 10 Credits
Level: 3rd year students
Semester: 5th Semester

Course Description

The course introduces the principles of number theory and the practice of network security and cryptographic algorithms.

CS362: ARTIFICIAL INTELLIGENCE

Course Status: Core Course
Credit Rating: 10 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

The module is the primary introduction to artificial intelligence. Search Techniques, Games, Vision, Representation of Knowledge, Inference and

Process of Proving Theorems and Natural Language Understanding.

CS363: COMPILER DESIGN

Course Status: Core Course
Credit Rating: 10 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

This course deals with the theory and practice of compiler design. The course aims to teach students the principals involved in compiler design. It will cover all the basic components of a compiler. Topics include Lexical Analysis, Syntax Analysis and Run-Time Environments, Intermediate Code Generation, Code Generation, and Code Optimization.

CS364: PROGRAMMING WITH VISUAL BASIC

Course Status: Core Course
Credit Rating: 12.5 Credits
Level: 3rd year students
Semester: 6th Semester

Course Description

The goal of the course is to help students apply knowledge gained in other object-oriented programming such as C++ and then build skills to develop modern software programs using the Visual Basic language. The course covers most of the Visual Basic language structure and syntax, as well as how to use features of Windows Forms and Controls to make programs with graphical user interfaces. Students should learn, understand and appreciate the different object models available to manipulate databases. .Net is covered for web application as well.

Program: Bachelor of Science in Information Technology

(BIT) BIT Core Courses Distribution

Semester	S/No	Course Code	Course Name	Credits
1st	1.	CS111	Computer Applications and Concepts	7.5
	2.	CS112	Information Systems	10
	3.	CS113	Structured Programming using C	12.5
	4.	BIT111	Discrete Mathematics	10
	Total			40
2nd	5.	CS122	Object Oriented Programming	12.5
	6.	CS123	Database Management System	12.5
	7.	CS124	Operating Systems	10
	8.	CS121	Digital Circuits Design	10
	Total			
3rd	9.	BIT231	Electronic Learning	10
	10	BIT232	Innovation and Entrepreneurship	10
	11.	CS231	Software Engineering	10
	12.	CS232	Interactive Web Design and Development	12.5

	13.	CS233	Data Communication and Networking Technology	12.5
	14.	BIT234	IT Service Management	10
	Total			65
4th	15.	CS 241	Computer Graphics	10
	16.	CS245	Systems Administration	10
	17.	CS243	System Analysis and Design	10
	18.	CS244	Electronic Commerce	10
	19.	BIT 241	Human Resources information Systems	10
	20.	CS364	Programming with Visual Basic.	10
	21.	CS247	Practical Training	10
	Total			70
5th	22.	BIT 351	Research Methodology in ICT	10
	23	BIT 243	Mobile Application Development	10
	24.	BIT 354	Cloud Computing	10
	25.	BIT355	Geographic Information System	
	26.	CS355	Software Development Project Management	10
	Total			40

6th	27.	BIT 361	Information Technology Auditing	10
	28.	BIT363	Legal Framework of ICTs	10
	29.	BIT 364	Final Project	12.5
	30.	CS246	Human Computer Interaction	12.5
	31	BIT353	Management Information System	
	Total			45
Grand Total				305

BIT Elective Courses Distribution

Semester	S/No	Course Code	Course Name	Credits
5th	1	BIT355	Geographic Information System	10
5th	2	BIT352	Change Management	10
5th	5.	CS235	Data Mining	10
6th	6.	BIT362	Information Systems Strategy	10
6th	7.	BIT353	Management Information Systems	10

Note: No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

**Program: Bachelor of Information Communication Technology (BICT)
with Education
BICT Core Course Distribution**

Semester	S/No	Course Code	Course Name	Credits
1st	1.	CS 111	Computer Application and Concepts	7.5
	2.	CS113	Structured Programming using C	12.5
	Total			20
2nd	3.	CS 122	Object Oriented Programming	12.5
	4.	CS 123	Database Management System	12.5
	5.	CS 124	Operating Systems	10
	Total			35
3rd	6.	CS232	Interactive Web Design and Development	12.5
	7.	CS233	Data Communication and Networking Technology	12.5
	8.	BIT 231	Electronic Learning	10
		CS231	Software Engineering	10
	Total			45

4th	9.	CS241	Computer Graphics	12.5
	10.	CS244	E-Commerce	10
	11.	CS245	Systems Administration	10
	12.	CS243	Systems Analysis and Design	10
	Total			45
5th	13.	CS352	Distributed Systems	10
	14.	BIT354	Cloud Computing	10
	15	BIT 243	Mobile Application Development	10
	16.	CS355	Software Development Project Management	10
	17	BIT351	Research Methodology in ICT	10
	Total			50
6th	18.	BIT361	Information Technology Auditing	10
	16.	BIT 362	Information System Strategy	10
		BIT 364	Final Project	12.5
	17.			
	18.	CS361	Cryptography and Network Security	10
	19.	CS246	Human Computer Interaction	10
	Total			52.5

Grand Total	247.5
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ICT Elective Courses Distribution

Semester	S/N	Code	Course Name	Credits
3RD	02	CS235	Data Mining	10
6th	06	BIT 355	Geographic Information Systems	10

Note: No Elective course will be taught to a group of students less than 20, unless the total class is less than 20.

FACULTY OF SCIENCES

Academic Staff

Department of Natural Sciences.

- **Associate Professors.** Haji Mwevura Haji, B.Sc. (ed) (Physics and Chemistry) (UDSM); MSc. (Chemistry) (UDSM); PhD. (Analytical Environmental Chemistry) (UDSM).

Department coordinator

- **Assistant Lecturer** Khamis Masoud Khamis, B.Sc. (Ed.) (UCEZ); M.Sc. (Physics) (Beihang).
- **Assistant Lecturer** Saleh Talib Handhal, B.Sc. (Ed.) MSc. (SUZA).
- **Assistant Lecturer** Omar Hakum Said, B.Sc. Applied Microbiology with Chemistry (UDSM); M.Sc. Molecular Biology and Genetics; (Istanbul University)
- **Assistant Lecturer** Mulhat Mohamed Fasihi, B.Sc. (Ed.) (UCEZ); M.Sc. (SUZA).
- **Assistant Lecturer** Salim Abdullah Salim, B.Sc. (Ed.) (UCEZ); M.Sc. (Chemistry) (UDSM);
- **Assistant Lecturer** Ramadhan Salum Othman, B.Sc. (IUIU); M.Sc. (Bonn

Germany);PhD. (Candidate, Bonn German).

- **Assistant Lecturer** Haroub Pollycap Mbewe, B.Sc. (Ed.) Biology Physics (MUM); M.Sc. Physics (UDSM).
- **Tutorial Assistant**

Ibrahim Cletus Swilla BSc. (Ed) Physics and Mathematics (SUMAIT). MSc. (Physics) Candidate (UDOM)

Department of Mathematics and Computer Sciences.

Head of Department

Lecturer Dr. Mukhtar Mohammed Mohammed Ali, BSc. (Computer Sciences) (Omdurman Islamic); MSc. (Computer Science) (University of Gezira).

- **Senior Lecturer** Dr. Antar Shaddad Hamed Abdul-Qawy, BCSE. Comp. Eng. (Hodiedah), M.Tech. Comp. Sc. (Hyderabad), PhD. (IOT), (Kakatiya).
- **Assistant Lecturer** Abdulhamid Ahmed Ali, B.Sc. (IT) (APU); MSc. (Data Science in Business Analytics) (APU).
- **Assistant Lecturer** Salma Saleh Mohamed, B.Sc. (Ed.) (UCEZ); M.Sc. Mathematical Modelling (UDSM), PhD Candidate (URwanda).

- **Assistant Lecturer** Ali Omar Ali B. Eng (Computer Engineering) (Malaysia Sabah); MSc. (Computer Engineering) (KFUPM).
- **Assistant Lecturer** Hassan Said Namanolo BSc Mathematics (UDOM); MSc in Mathematical Science (African Institute for Mathematical Science) (Rwanda).
- **Assistsn Lecturer** *Rahma Amour Rashid B.Eng*(Computer Engineering)(Malaysia Sabah)20115,MSc (IT)SUZA 2024

8.0 CENTRE FOR PROFESSIONAL AND CONTINUING EDUCATION (CPaCE)

The center caters for professional and non degree programmes. Coordinates with academic departments to establish and run demanded courses. NACTVET and NACTE programs are accommodated in the center.

- To introduce and expand skills and knowledge in specialized fields to offer diverse carrier options.
- To advance narrowly qualified secondary school leavers in their field of choice.
- To provide refresher courses for civil servants for the better performance at their working places.
- To provide opportunity for mature and young students who would like to pursue courses at the University level.
- To upgrade qualifications to potential university students.

Courses Currently Offered

1. Certificate Courses (NTA Level 4)

- (i) Counseling Psychology

(ii) Office Administration

2. Diploma Courses (NTA Level 5 and Level 6)

(iii) Counseling Psychology

(iv) Office Administration

ACADEMIC STAFF

Ag Director

Sabrina Abdul-Rahman, BA Ed (MUM); Master's in teaching Chinese to the Non-Native speakers (HARBIN CHINA).

Tutors

- Zaituni Shaaban Salum, BA Counseling Psychology (SUMAIT)
- Idd Ame Mcha, BA. Human Resource Management (The Mwalimu Nyerere Memorial Academy)
- Muslim Hija Abdulmalik, BA Ed Counseling and English (SUMAIT).
- Maryam Ali Saleh, BA. Record and Archives Management.

9.0 UNIVERSITY ALMANAC 2023/2024

WEEK	DATE	ACTIVITY
1	16/10/2023	Beginning of academic year 2023/2024
		Orientation and registration for New Intake All Programs certificate, diploma and Bachelors.
		Marking of Second Semesters Supplementary and Special Examinations.
		Departmental Meeting (Heads and Staffs).
2	23/10/2023	Examination board meeting
		Publication of Results for Second Semesters Supplementary and Special Examinations
	26/10/2023	Quality Assurance Committee Meeting
	28/10/2023	Managements Meeting
3	30/10/2023	First day of classes for all programs
4	9/11/2023	Quality Assurance Committee Meeting
	10/11/2023	CBET training CPaCE-staff
5	13-17/11	Baraza Dogo la Wafanyakazi (SUNASA/SASA)
	16/11/2023	BARAZA KUBWA LA WAFANYAKAZI WOTE

6	23/11/2023	Centers Committee Meeting
7	30/11/2023	Managements Meeting
8	4/12/2023	Commencement of SUSO General Election
	9/12/2023	Independent day
9	14/12/2023	End of SUSO General –Election(voting day)
10	23/12/2023	Appointment and promotion committee meeting
11	25/12/2023	Christmas’s day
	26/12/2023	Boxing day
	29/12/2023	Management meeting
12	1/1/2024	New year 2024
	1-5/1/2024	Week for timed test for undergraduate
		Week for mid test for certificates and diplomas (NTAs)
13	12/1/2024	Zanzibar revolution day
	15/1/2024	Study tour -certificates and diploma -students
14	18/1/2024	SUMAIT BARAZA -1
	15-19/1/2024	Departmental Examination Moderation (Internal Moderation)

	20/1/2024	SUMAIT Graduation ceremony
15	22-	External Examination Moderation
	26/1/2024	Coursework signing week (students & CRs)
16	30/1/2024	First Semester Examinations Begin certificates, diploma and Undergraduate
	31/1/2024	Management Meeting
17	9/2/2024	End of First Semester Examinations for all program certificates, diploma and Undergraduates.
18	12-16/2	Marking First Semester Examinations for all program certificates, diploma and Undergraduates.
	12/2/2024	Beginning Counseling Practicum (Third Year Counselling Psychology)
19	24/2/2024	Examination boards for certificates and diplomas programs.
		Publication of certificates and diplomas programs.
20	26/2/2024	Beginning of supplementary /special examinations for –first semester certificates and

		diplomas programs.
	28/2/2024	Management Meeting
21	7/3/2024	Examination board meeting
		Publication of first semester examination results for undergraduates programs
22	11/3/2024	Begin of supplementary /special examinations for –first semester undergraduates
		First day of classes for certificates and diplomas programs.
	13/3/2024	Inventory –committee meeting
	15/3/2024	Marketing committee meeting
23	19/3/2024	Marketing (form six seminars)
	17/3/2024	End of supplementary /special examinations for –first semester undergraduates
24	27/3/2024	End of Beginning Counseling Practicum (Third Year Counselling Psychology)
	28/3/2024	Examination board meeting
		Publication of first semester supplementary /special examination results for all programs.

	28/3/2024	Management Meeting
	28/3/2024 to 21/5/2024	Uploading for semester I Examinations Results - For 2023/2024 For First Semester.
		Submission Of Hard Copies Of Examination to NACTVET
	29/3/2024	Good Friday
	31/3/2024	Easter Sunday
25	1/4/2024	Easter Monday
	2/4/2024	Begin of Second semester (first day of classes for second semester)
26	7/4/2024	Karume day
	10/4/2024	End of Ramadan ('Eid El fitri)***
27	15-19/4	Disciplinary committee meeting
		ICT steering committee meeting
		Quality Assurance committee –meeting
		Inventory committee meeting
28	26/4/2024	Union Day
29	30/4/2024	SUMAIT BARAZA -2
	1/5/2024	Workers day (May mosi)

30	2/5/2024	Beginning of interclasses competition
31	14/5/2024	ICT –steering committee Meeting
	15/5/2024	Beginning of NACTVET -EXHIBITIONS
	17/5/2024	Opening of student’s admission window for the academic year 2024/2025.
	21/5/2024	End of NACTVET -EXHIBITIONS
32	24/5/2024	End of interclasses competition
		Week for timed test for undergraduate-education
33	27-31/5	Week for mid test for undergraduate-ICT
34	3-7/6	Submission of Project /Research Report
		Submission of Counseling Practicum Report
		Submission Industrial Practical Training
		Kukusanya Ripoti Za Utafiti kwa kada za Kiswahili.
35	10/6/2024	Begin of second semesters examination for certificate and diplomas programs
	11/6/2024	Research and Consultancy committee meeting
	14/6/2024	End of second semesters examination for certificate and diplomas programs

36	16/6/2024	'Eid El –Adha***
37	28/6/2024	Management -Meeting
38	1-5/7	
	7/7/2024	Saba –saba day
39	9/7/2024	Begin of second semesters examinations for undergraduate programs
40	15/7/2024	Beginning of special and supplementary for certificates & diplomas programs.
	19/7/2024	End of second semesters examination for undergraduate programs.
		End of special and supplementary for certificates & diplomas programs.
	15-19/7/2024	Week for practical study all programs
41	24/7/2024	Beginning of Teaching Practice (TP) for undergraduates
		Beginning of Industrial practical training and research
		Beginning of counseling practicum

	25/7/2024	ICT steering committee meeting
		Quality assurance committee meeting
42	29/7/2024	Management meeting
43	8/8/2024	Farmers day (Nane Nane)
44	15/8/2024	Examination board –meeting
		Publication of second semester examination results for undergraduates.
		Publication of special and supplementary for certificates & diplomas programs
45	19/8/2024 to 10/9/2024	Uploading for semester II Examinations Results - For 2023/2024 for First Semester
		Submission of Hard Copies of Examination to NACTVET.
46	30/8/2024	Management meeting
47	2/9/2024	Academic Staff long vocations (45 –days)
48	15/9/2024	Maulid day
49	16-20/9	Marketing Committee Meeting
50	27/9/2024	End of teaching practice (T.P) for undergraduates
		End of Industrial practical training and research

		End of counseling practicum
51	30/9/2024	Management meeting
	7/10/2024	Begin of supplementary /special examinations second semester undergraduates
52	11/10/2024	End of supplementary /special examinations second semester undergraduates
	14/10/2024	Nyerere day
	15/10/2024	Beginning of academic year 2024/2025
		Orientation and registration for New Intake All Programs certificate, diploma and undergraduates.
	16/10/2024	End of Academic Staff long vocations (45 –days)
	24/10/2024	Examination boards meeting
		Publication of second semester supplementary /special examination results for all programs
25/10/2024	End of academic year 2023/2024.	

1: Subjected to the Sighting of the Moon.

2: University Senate Receive the right and mandate to Amend this Academic Calendar.