UNIVERSITY OF DAR ES SALAAM

UNDERGRADUATE PROSPECTUS
2023/2024

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CONTENTS

WELCOMING NOTE FROM THE VICE CHANCELLOR

We are delighted that you have decided to undertake your tertiary education at the University of Dar es Salaam. This Prospectus describes the range of courses and different activities conducted at the University which will give you a flavour of life in our various campuses. The University of Dar es Salaam is a unique community of students and staff dedicated to bringing out the best in all its members. Our aim is to provide the best possible environment for teaching, learning, research and public services, and our track record of success is well known in East Africa, Africa and the rest of the world. We will continue to ensure that your years at this University are filled with excitement and experiences that you can treasure for a lifetime. We also recognise that the quality of student experiences derives from more than academic studies. That is why the University encourages students to join and actively participate in activities of the students' union and use various sports and recreational facilities available, e.g. swimming pool, cricket, athletics and soccer fields. The University of Dar es Salaam is also at the interface of national and international higher education innovations and initiatives.

The University has taken all reasonable steps to make sure that the information in this prospectus about course contents, structure, teaching facilities and staffing is accurate and up-to-date. Students are, however, warned that due to logistical limitations, the University cannot guarantee that all the elective courses featured in this prospectus will necessarily be offered during this academic year.

I hope that you will find this prospectus useful and interesting. Should you not find what you are looking for, please do not hesitate to contact the Directorate of Undergraduate Studies for further assistance.

Once again, I warmly welcome you to the University of Dar es Salaam and look forward to working with you towards the achievement of your academic ambitions.

Professor William-Andey Lazaro Anangisye
VICE CHANCELLOR
October 2023

GENERAL INFORMATION

The University of Dar es Salaam (UDSM) is the oldest and most popular public teaching and research University in Tanzania offering bachelor, master and doctoral degrees and professional development programmes leading to the award of certificates and diplomas. The University comprises the Mwalimu Julius K. Nyerere Mlimani Campus, which is the Main Campus located 13 kilometers West of the Dar es Salaam City Centre and consists of various academic and non-academic units including the College of Agricultural Sciences and Food Technology (CoAF), College of Humanities (CoHU), College of Information and Communication Technologies (CoICT), College of Engineering and Technology (CoET), College of Natural and Applied Sciences (CoNAS), and College of Social Sciences (CoSS). Others are the University of Dar es Salaam School of Education (SoEd), School of Journalism and Mass Communication (SJMC), University of Dar es Salaam School of Law (UDSoL), University of Dar es Salaam Business School (UDBS), School of Mines and Geosciences (SoMG), School of Aquatic Sciences and Fisheries Technology (SoAF), University of Dar es Salaam School of Economics (UDSE), University of Dar es Salaam Wilbert Chegula Library, Institute of Gender Studies (IGS), Institute of Kiswahili Studies (IKS), Institute of Resource Assessment (IRA), Institute of Development Studies (IDS), Confucius Institute at the University of Dar es Salaam (CI-UDSM), Centre for Virtual Learning (CVL), Centre for Population Studies and Research (CPSR), Centre for Climate Change Studies (CCCS), Centre for Forced Migration Studies (CFMS), Centre for Educational Research and Professional Development (CERPD) and Centre for Communication Studies (CCS). Other units at the Main Campus include the Quality Assurance Unit (QAU), Directorate of Innovation and Entrepreneurship (DIEN), University Computing Center (UCC), Dar es Salaam University Press (DUP), University Consultancy Bureau (UCB), Technology Development and Transfer Centre (TDTC), Bureau for Industrial Cooperation (BICO) and University Students Accommodation Bureau (USAB).

Other campuses are the Dar es Salaam University College of Education (DUCE) in Dar es Salaam, Mkwawa University College of Education (MUCE) in Iringa, Mbeya College of Health and Allied Sciences (MCHAS) in Mbeya, Institute of Marine Sciences (IMS) in Zanzibar, and the University of Dar es Salaam – Mineral Resourses Institute (UDSM-MRI) which has two campuses: Dodoma and Nzega.

A: STUDENTS' WELFARE
Office of the Dean of Students
The Department of Students' Welfare at the Mwalimu Nyerere Mlimani Campus is under theauspices of the Dean of Students who is responsible for provision of students' welfare services. These range from residence to students counselling and career guidance, students' governance, health and catering services. The University of Dar es Salaam – Mineral Resourse Institute (UDSM-MRI), the Institute of Marine of Sciences (IMS), Dar es Salaam University College of Education (DUCE), Mbeya College of Health and Allied Sciences (MCHAS), and Mkwawa University College of Education (MUCE) have their own departments of Students Administration headed by Dean of Students. The following are some of the students' welfareservices:

i) University Students Accommodations Bureau (USAB)
The University offers a range of quality accommodation in the Halls of Residence on-campus and off-campus. This is handled by a semi-independent unit known as University Student Accommodation Bureau (USAB) whose offices are located near Hall V at the main campus. Thereare 7 Halls of residence, the COICT hostels, Dr. John Joseph Pombe Magufuli Hostels located on Campus and MCHAS hostels which are charged at the rate of TZS 800/= per day. Other accommodation facilities are, Mabibo Hostels located at Mabibo, 4 kilometres from the Mwalimu Julius K. Nyerere Mlimani Campus and Mazizini Hostels in Zanzibar which are charged at the rate of TZS500/= per day. Transport from the University to Mabibo Hostels is available 14 hours a day. Residential places for Mlimani Main Campus and DUCE students are also available at Kijitonyama and Ubungo Hostels. The University of Dar es Salaam – Mineral Resourse Institute (UDSM-MRI), Dar es Salaam University College of Education (DUCE), Mbeya College of Health and Allied Sciences (MCHAS), the Institute of Marine Sciences (IMS) and Mkwawa University College of Education (MUCE) campuses have their own students' accommodation facilities.

ii) Students' Governance Unit

Students' Governance Unit deals with students' leadership under the auspices of Dar es Salaam Student Organization (DARUSO) and student associations. It is the responsibility of this unit to guide, counsel and coordinate the organizations' activities to ensure that they are fairly run with integrity and mutuality among students by taking into consideration gender balance. On the other hand, the unit plays the role of bridging the gap between students and UDSM management. It also supervises the implementation of Student By-Laws.

iii) Dar es Salaam University Students Organization (DARUSO)

DARUSO is the students' union which is responsible for organising students' activities and their governance which include academic, political, social, outreach and recreational activities. Current students organisations include the Dar es Salaam University Economic Association, Dar es Salaam University Marketing Association, Accounting Association of the University of Dar es Salaam, Geological Association of Students, University of Dar es Salaam Law Society, Dar es Salaam University Finance Association, International Relations Association, University of Dar es Salaam Education Students Association, International Students Association, Uganda Students Association in Tanzania, Dar es Salaam University Political Science Students Association (DUPSA), University of Dar es Salaam Industrial Engineering and Management Students Organisation (UDIEMSO), Institution of Engineers Tanzania (IET), Chapter and Innovation Forum (IC), to mention only few.

iv) Health and Catering Unit

Health and Catering Unit supervises sanitation in all catering services and assists sick students in collaboration with the University Health Centre (UHC) to find medical treatment. In addition, this unit handles National Health Insurance Fund (NHIF) activities in collaboration with NHIF Office to make sure that all students get their NHIF cards to use whenever they fall sick. As for Catering Services, the University offers cafeteria services to students at subsidised rates. There are two cafeterias on the main campus which have the capacity to serve the present student population. Other food outlets available on the main campus are found at CoET, Mama Lishe, Hill Park, Yombo and UDASA Club.

v) Games and Sports

The University main campus has a range of sporting facilities. These include an internationalsize track field, a swimming pool, tennis courts, soccer pitches, netball and basketball courts, hockey and cricket fields. A well-equipped gymnasium, badminton and squash courts are also available. Students can therefore participate in athletics, swimming, lawn tennis, table tennis, soccer (football), basketball, netball, hockey, badminton, cricket, handball and boxing. The Tanzania University Sports Association (TUSA) to which DARUSO is affiliated organizes a variety of competitions within the country. Students also take part in the East, Central and Southern Africa Universities Sports Association (ECSAUSA) competitions, the Federation of African University Sports (FASU) competitions and the Federation of International University Sports (FISU) competitions.

B. COUNSELLING UNIT

The Counselling Unit is under the Directorate of Social Services which is under the Deputy Vice Chancellor Administration. This Unit provides integrated guidance and counselling services as well as support to students and staff of the University of Dar es Salaam in various areas such as:

i. Psycho-social concerns: e.g. sexual harassment, social abuse, discrimination, stigmatization, bullying, anger and stress management, anxiety and depression, retirement and retrenchment, marital issues, grief/loss, work and life balance, prevention, special needs, rehabilitation, conflict resolution, sexuality, relationships, and suicide.
ii. Academic concerns: e.g. academic underperformance, low productivity, absenteeism, professional misconduct and work related stress, career guidance and counselling.
iii. Health related concerns: e.g. diabetes, HIV/AIDS, cancer, high and low blood pressure and psychological disorders.
iv. Economic and Financial concerns; e.g. handling of finances, debt and other economic challenges.

Contact address:
Head of Counselling Unit,
University of Dar es Salaam,
P.O. Box 35091,
Dar es Salaam.
Tel: +255 736393936

C: MEDICAL SERVICES

The University of Dar es Salaam Health Centre (UHC) provides preventive, curative and restorative health services to students, staff and general public. The Centre is located within the Mwalimu J. K. Nyerere Mlimani Campus. The University also runs dispensaries located at Mabibo students' hostels, Institute of Marine Sciences (Zanzibar), first AID services at Dr. John Joseph Pombe Magufuli hostel, School of Journalism and Mass Communication and College of Information and Communication Technologies.

The Centre is accredited to offer services to NHIF beneficiaries. All students are required to join NHIF by filling in special forms after contributing some specified amount of money. Students who fulfill the above will be provided with NHIF membership cards, which will be used to access treatment at the Centre and other accredited health facilities countrywide. Students who fall sick during examinations are advised to report to their respective departments and the Health Centre for treatment and further directives. If a student wants to postpone examinations or studies on medical ground, he/she must submit an authentic medical report from a recognized hospital.

HIV and AIDS remain one of the world's most significant public health challenges; all age group are affected by the disease but group aged 15-49 years is mostly affected. Current data shows that more than 50% of HIV new infection occurs in youth aged 19-24. Abstaining from sex, being faithful, limiting number of sexual partners to one who is not infected, consistent and correct use of condom are some of the measures that can prevent HIV transmission. The Centre offers free counseling and testing of HIV and confidentiality is highly maintained.

Students should also be aware of the pandemic - COVID-19. This is an infectious disease caused by a newly discovered coronavirus; it spreads primarily through droplets of saliva or discharge from the nose when an infected person coughs or sneezes. Infection occurs by breathing in the virus if you are within close proximity of someone who has COVID-19, or by touching a contaminated surface and then your eyes, nose or mouth.

The disease affects different people in different ways. Most infected people will develop mild to severe illness. The symptoms of COVID-19 include but not limited to fever, dry cough, sore throat, tiredness, headache, aches and pains. Other symptoms include diarrhoea, loss of taste or smell.

Protect yourself and others around you from COVID-19 by:-
i. Cleaning your hands regularly using soap and water, or an alcohol-based hand rub;
ii. Maintaining a safe distance from anyone who is coughing or sneezing;
iii. Avoiding shaking hands, hugging or kissing;
iv. Avoiding unnecessary crowding or wear a face mask when it is necessary;
v. Not touching your eyes, nose or mouth with unclean hands;
vi. Covering your nose and mouth with your bent elbow or a tissue when you cough or sneeze;
vii. Vaccination against COVID-19 is available in many Centres including UDSM Health Centre. Students are encouraged to get vaccinated.
viii. Staying at home if you feel unwell.

Note: If you have fever, cough and difficulty breathing, seek medical attention at the nearest medical facility.

Another disease of concern is Ebola. Ebola is a deadly infectious disease caused by the Ebola virus which is spread through direct contact with body fluids of an infected person. Some of the symptoms and signs of Ebola disease are fever, vomiting, diarrhoea, bleeding, headaches, muscle aches, joint aches and weakness. There are no reported cases in the country but you are advised to take all precautions including cleaning your hands regularly using soap and water, or an alcohol-based hand rub (sanitizers) to prevent the disease.

In case of an emergency please dial any of the following UHC numbers for assistance: 0739260861 (Medical Officer in Charge), 0737830053 (Ambulance Services), 0737828559 (Emergency Section, UHC)

D: DIRECTORATE OF LIBRARY SERVICES

The University Library is the heart of the University's academic and research endeavors that provides information services to support teaching, learning, research, and innovation. The library is operating in two librry buildings (i.e. Dr. Wibert Chagula and University Library (New) by both academic (20) and administrative staff (119) whereby the former are involved in teaching, research, consultancy services as

well as managerial functions, and the latter are involved in the direct provision of library services. The Library is a national depository, which collects materials published in Tanzania and are housed in the East Africana Collection. These materials include books, journals, research reports, Government, and University publications. It also includes materials on the former East African Community, the Liberation Movement, and SADC publications.

The library has three managerial departments namely: Reader Services, Technical Services, and Research and Publication. Each department is headed by an academic member of staff who oversees the functions of the respective departments. The library has three subject-based collections namely; Arts and Social Sciences, Law and Science and Engineering. Along these, the library houses other collections including Reference and Document Delivery and East Africana. These collections provide specialized services to users undertaking research and courses in various subject areas. These collections consist of books, journals, and other materials in the respective subject areas, both in print and electronic information services. Currently, the library has subscribed to eleven (11) databases (https://www.udsm.ac.tz/web/index.php/institutes/library /subscribed-e-resources) and provides access to forty-nine (49) free access scholarly databases (https://sites.google.com/site/udsmvirtuallibrary/), and seven (7) e-theses and dissertations databases (https://www.udsm.ac.tz/web/index.php/institutes/library/e-theses-and-dissertations). These resources are accessible on-campus using the University Internet and off-campus to illegible members of the University academic community.

The library has the ICT section which is managed by systems administrators who oversee the smooth running of the ICT network and equipment. In addition, the Library has a training wing known as Information Studies Programme that offers Bachelor's, Master's and PhD degree programmes in Library and Information Studies as well as Records and Archives Management. Besides these, the library provides reading space to 2500 students, staff, and other external users at a time.

Library Opening Hours:

DURING SEMESTER TIME			
WEEK DAYS	**DAY TIME**	**BREAK**	**NIGHT**
Monday - Saturday	8:00 - 18:30 Hours	1 Hour	19:30 - 22:30 Hours
Sunday	14:00 - 18:30 Hours	1 Hour	19:30 - 22:30 Hours
Public Holidays	8:00 - 18:30 Hours	1 Hour	19:30 - 22:30 Hours
DURING VACATION			
Monday - Friday	8:00 - 17:00 Hours	Closed	
Saturday	8:00 – 15:30 Hours	Closed	
Sunday & Public Holidays	Closed	Closed	

For more information about the library services, resources and programmes visit our library web page through https://www.udsm.ac.tz/web/index.php/institutes/library.

E: INNOVATION, ENTREPRENEURSHIP AND OUTREACH
The University of Dar es Salaam offers innovation, creativity and entrepreneurship training and skills development through the Directorate of Innovation and Entrepreneurship (DIEN) and other relevant units that are based in the Colleges, Schools and Institutes. The mission of the Directorate is to promote development of knowledge, skills and technologies that are geared towards solving societal problems through innovations. Our aim is to produce graduates who are job creators rather than job seekers. Students are urged to get involved in the activities of this Directorate.

F: TRANSPORT SERVICES
Transport services for students are available at a reasonable price. Students residing at Mabibo Hostels are served by shuttle busses available daily. The services run from 06.00 hrs to around 22.00 hrs during the semester and from 06.00 to 20.00 hrs during vacations. Commuter buses (Daladala) from Mwenge via the University to Ubungo or Changanyikeni are also available.

G: WORSHIP AND SPIRITUAL COUNSELING SERVICES
Students and staff have complete freedom of worship based on their spiritual beliefs, within the limitations of the laws of the country and Student By-Laws. At present, facilities are available for Christians and Muslims.

H: SECURITY AND SAFETY MANAGEMENT SYSTEMS
The University of Dar es Salaam Security and Safety Management Systems consist of the National Police Station, the University Auxiliary Police Unit and the Private Security Companies; which have security contract with the University Management. All students are cautioned to secure themselves and their colleagues by instilling in their minds the attitude of being always alert with security consciousness spirit and self-awareness against unpredicted crimes. Whenever Police assistance is needed, you are advised to report immediately by using the following telephone numbers:

Office	Contact Telephone Numbers
UDSM Auxiliary Police Station	+255 22 2410266
UDSM Police Station	+255 22 2410379

I: SHOPPING FACILITIES
Shopping services are available at Hill Park near the Police Station, 'Kariakoo' near USAB offices, Hall IV and Mlimani City Shopping Mall along Sam Nujoma Road about 3 kilometres from Mwalimu J. K. Nyerere Mlimani Campus and Mabibo Complex. Major Banks, Bureau de Change, Travel Agent and mobile telephone service providers are also located in the mall. Students admitted at MCHAS, UDSM-MRI and IMS may wish to consult the Office of the Dean of Students at their respective locations for assistance.

J: BOOKSHOP
The University has a Bookshop located at the Mwalimu J. K. Nyerere Mlimani Campus near Cafeteria 1 and 2. Students can also buy books from other bookshops available within their vicinity.

K: BANK SERVICES
UDSM staff and students can access bank services of major banks (CRDB, NBC and NMB) which have their branches at the Mwalimu J. K. Nyerere Mlimani Campus. ATM services arealso available on campus. More banks and financial services, including Bureau de Change area vailable at the Mlimani Shopping Mall, which is situated on campus.

L: POSTAL SERVICES
There is a Post Office located at the Mwalimu J. K. Nyerere Mlimani Campus near Cafeteria 1 and 2. The office provides all postal services.

SENIOR OFFICERS OF THE UNIVERSITY

PRINCIPAL OFFICERS OF THE UNIVERSITY

CHANCELLOR
Dr. J. M. Kikwete, BA (Dar), LLD (Dar), LLD (Minesota), Litt.D (Nairobi), IRD (Instabul), PhD (Dar), PhD (Dodoma), PhD (Guelph), PhD (Newcastle), LLD (Dar)

VICE CHANCELLOR
Prof. W. A. L. Anangisye, BAEd, MAEd (Dar), PhD (Edinburgh)

DEPUTY VICE CHANCELLOR – ACADEMIC
Prof. B. S. Rutinwa, LLB (Dar), LLM (Kingston), BCL, PhD (Oxford)

DEPUTY VICE CHANCELLOR – PLANNING, FINANCE AND ADMINISTRATION
Prof. B. Killian, BA, MA (Dar), PhD (UCLA)

ACTING DEPUTY VICE CHANCELLOR – RESEARCH
Prof. N. M. K. Boniface, BSc, MSc (Dar), PhD (Kiel)

CORPORATE COUNSEL AND SECRETARY TO COUNCIL
Prof. S. J. Mwakaje, LLB (Dar), LLM (New Hampshire), PhD (Dar)

IMMEDIATE PAST VICE CHANCELLOR (ONPOST)
Prof. R. S. Mukandala, BA, MA (Dar), PhD, Cert NIE (Berkeley)

DIRECTOR, POSTGRADUATE STUDIES
Prof. D. D. Tibuhwa, BSc, MSc, PhD (Dar)

ACTING DIRECTOR, UNDERGRADUATE STUDIES
Dr. J. J. E. Munissi, BSc, MSc, PhD (Dar)

DIRECTOR, RESEARCH AND PUBLICATION
Dr. M. I. Mgwatu, BSc (Dar), MASc (Ottawa), PhD (Dar)

DIRECTOR, PUBLIC SERVICES
Prof. N. G. Mori, BCom, MBA (Dar), PhD (Agder)

DIRECTOR, INNOVATION AND ENTREPRENEURSHIP
Prof. H. J. Bwire, BSc, MSc, PhD (Dar)

DIRECTOR, QUALITY ASSURANCE UNIT
Prof. P. S. Malangwa, BAEd, MA, PhD (Dar)

DIRECTOR, OFFICE OF THE VICE CHANCELLOR
Dr. S. S. Nyanto, BA, MA (Dar), PhD (Iowa)

ACTING DIRECTOR, INTERNATIONALISATION, CONVOCATION AND ADVANCEMENT
Dr. A. C. Alexander, BScEng, MSc (Dar), PhD (Tshwane)

DIRECTOR, HUMAN RESOURCES MANAGEMENT AND ADMINISTRATION
Ms. A. I. Hayeshi, BA (Dar), MSc (Morogoro)

DIRECTOR, FINANCE
Mr. J. A. Silayo, ADA (Arusha), CPA (T)

DIRECTOR, PLANNING, DEVELOPMENT AND INVESTMENT
Prof. S. I. Mzenzi, BCom, MBA (Dar), PhD (Southampton), CPA (T)

DIRECTOR, SOCIAL SERVICES
Dr. M. Vuzo, BAEd (Dar), MA, PhD (Oslo)

ACTING DIRECTOR, ESTATES SERVICES
Mr. B. T. Chilla, BSc (Dar), MSc (Telemark Un.Col.)

DIRECTOR, STUDENTS SERIVICES
Ms. P. Mabuga, Dip (Kleruu), BAEd (Dar), MA (Dar)

DIRECTOR, INFORMATION AND COMMUNICATION TECHNOLOGY
Dr. M. M. Kisaka, BSc (Dar), PhD (Manchester)

PRINCIPALS OF CONSTITUENT COLLEGES
Dar es Salaam University College of Education (DUCE)
Prof. S. Maluka, BA, MA (Dar), PhD (Umea)

Mkwawa University College of Education (MUCE)
Prof. D. A. Rwehumbiza, BSc. (Dar), Bsc. (London), MIT (Dar), PhD (Leipzig)

Mbeya College of Health and Allied Sciences (MCHAS)
Prof. P. S. Muganyizi, MD, MMED (Dar), PhD (Uppsala)

PRINCIPALS OF CAMPUS COLLEGES
College of Agricultural Sciences and Food Technology (CoAF)
Dr. M. L. K. Manoko, BSc (Dar), MSc (Addis Ababa), PhD (Nijimegen)

College of Engineering and Technology (CoET)
Prof. B. M. M. Mwinyiwiwa, BSc (Dar), MEng (Montreal), PhD (Montreal)

College of Humanities (CoHU)
Prof. R. A. Upor, BAEd, MA (Dar), PhD (Georgia)

College of Social Sciences (CoSS)
Prof. C. N. Pallangyo, BA, MA (Dar), PhD (CapeTown)

College of Natural and Applied Sciences (CoNAS)
Prof. F. J. Magige, BSc, MSc (Dar), PhD (Norway)

College of Information and Communication Technologies (CoICT)
Prof. J. S. Mtebe, BSc (Dar), MSc (Queensland), PhD (Tampere)

DEANS OF SCHOOLS
University of Dar es Salaam Business School (UDBS)
Dr. L. Mbelwa, BCom, MBA (Dar), Licentiate of Philosophy (Umea), PhD (Dar)

School of Education (SoED)
Dr. E. J. Kafanabo, BSc (Dar), MSc (Twente), PhD (Pretoria)

University of Dar es Salaam School of Law (UDSoL)
Dr. S. F. Materu, LLB (Dar), LLM (Cape Town), PhD. (Berlin)

School of Journalism and Mass Communication (SJMC)
Dr. M. Mwakalinga, BA, MA (Dar), PhD (Lawrence)

School of Acquatic Sciences and Fisheries Technology (SoAF)
Dr. B. R. Lugendo, BSc, MSc (Dar), PhD (Nijmegen)

School of Mines and Geosciences (SoMG)
Dr. E. E. Mshiu, BSc, MSc (Dar), PhD (Halle)

DIRECTORS OF INSTITUTES AND LIBRARY
Institute of Gender Studies (IGS)
Dr. L. S. Mahai, Dip (Ed.), (Morogoro), BEd, MA (Dar), PhD (Edinburgh)

Institute of Development Studies (IDS)
Dr. C. Msoka, BA, MA (Dar), PhD (Minnesota)

Institute of Kiswahili Studies (IKS)
Prof. S. O. Mchepange, BAEd, MA, PhD (Dar)

Institute of Marine Sciences (IMS)
Dr. M. S. Kyewalyanga, BSc (Dar), MSc, PhD (Dalhousie)

Institute of Resource Assessment (IRA)
Prof. J. N. Kirway, BSc (Dar), MSc (Dar), PhD (Yokohama)

Confucius Institute (CI) at UDSM
Prof. A. K. Mutembei, BAEd, MA (Dar), MA, PhD (Leiden)
Prof. Yan Liu, BA (Dalian), MA, PhD (Nankai)

Directorate of Library Services
Prof. K. Mwantimwa, BAEd, MA (Dar), PhD (Antwerp)

University of Dar es Salaam Mineral Resources Institute (UDSM-MRI)
Eng. E. M. Kapira, BSc (ARU), MSc (Halstad)

DIRECTORS OF CENTRES
Centre for Virtual Learning (CVL)
Dr. F. S. Ikuja, BSc, MSc, PhD (Dar)

Centre for Communication Studies (CCS)
Dr. Z. S. Ombijah, BA, MA (Dar), PhD (Essex)

Centre for Educational Research and Professional Development (CERPD)
Dr. R. M. Boniface, BEd, MEMA (Dar), PhD (Linnaeus)

Centre for Forced Migration Studies (CFMS)
(Vacant)

Centre for Climate Change Studies (CCCS)
Dr. E. B. Mabhuye, BA, MSc, PhD (Dar)

Centre for Population Studies and Research (CPSR)
Dr. H. Hambati, BA, MA, PhD (Dar)

MANAGERS AND COORDINATORS OF CENTRES AND BUREAUS
University Consultancy Bureau (UCB)
Dr. H. Makundi, BSc, PGD(Dar), MSc (Sussex), PhD (Ku-Leuven)

Technology Development and Transfer Centre (TDTC)
Dr. S. I. Marandu, BSc, MSc (Dar), PhD (Newcastle)

Bureau for Industrial Co-operation (BICO)
Dr. M. J. Manyahi, BSc (Dar), MSc (Strathclyde), PhD (Uppsala)

SENIOR STAFF LIST

OFFICE OF THE VICE CHANCELLOR
Internal Audit Office
Chief Internal Auditor
S. B. Kayanda, BCom, MBA (Dar), CPA (T)

Procurement Management Unit
Manager
J. K. Mwamwenda, ADPSM, CPSP (T), NBAA

Communication and Marketing Unit
Head
Dr. D. P. Kuhenga, BA (Dar), MA (Rhodes), MA, PhD (Dar)

Public Relations Officer
J. I. Isdory, BA (Dar), MA (Kuala Lumpur)

OFFICE OF THE DEPUTY VICE CHANCELLOR (ACADEMIC)
Directorate of Postgraduate Studies
Coordinator
Dr. D. Koloseni, BSc, MSc (Dar), PhD (LUT, Finland)

Directorate of Undergraduate Studies
Coordinator
Dr. G. D. Kikumi, BSc, MSc (Dar), PhD (Arusha)

OFFICE OF THE DEPUTY VICE CHANCELLOR (PFA)
Senior Administrative Officer
C. C. Nyoni, BA (Dar), MPA (Morogoro)

Manager, Information Management Unit (IMU)
Dr. C. Tarimo, BSc (Dar), PhD, MPhilCS (Stockholm)

Directorate of Social Services
Head, Counselling Unit
B. G. Rushahu, Bed (Psych), MAEd (Dar), PhD (Counselling) (Oldenburg)

Office of the Dean of Students
University Students Accommodation Bureau (USAB)
Manager
Z. Abdallah, LLB, MBA (Dar)

University Health Centre
Medical Officer In-charge
Dr. A. J. Msasu, MD, MSc (Dar)

Auxiliary Police Unit
Commandant
AP. ASP. D. B. Kiringo, LLM (Dar)

OFFICE OF THE DEPUTY VICE CHANCELLOR (RESEARCH)
Senior Administrative Officer I – Grants
D. L. N. Magwe, PGHRM (Dar), LLB, MBA (Dar)

Intellectual Property Management Office (IPMO)
Manager
Dr. P. Melkiori, LL.B., LL.M., PhD (Dar)

Directorate of Research and Publication (DRP)
Research Grants Coordinator
Dr. M. A. Senga, BA, MA (Dar), PhD (Dublin)

Coordinator UDSM – Sida Programme
Dr. L. Mbelwa, BCom, MBA (Dar), Licentiate of Philosophy (Umea), PhD (Dar)

Dar es Salaam University Press (DUP)
Acting Manager
Dr. A. Mdewa, BCom, MIT (Dar), PhD (Manchester)

Directorate of Public Services (DPS)
Continuing Education Centre
Head
L. B. Kisaka, BCom (Nairobi), PGD (Dar), IHRM (Cambridge), MBA (Dar)

University Consultancy Bureau
Manager
Dr. H. R. Makundi, BSc, PGD (Dar), MSc (Sussex), PhD (Ku-Leuven)

Directorate of Innovation and Entrepreneurship (DIEN)
Senior Administrative Officer I
V. N. Lyimo, BA(Dar), MSc (Morogoro)

Coordinator - Entrepreneurship
Dr. W. Nguni, BCom (Dar), MITL (Molde), PhD (Dar)

Coordinator - Innovation
Dr. J. V. Machuve, BSc, MEM, PhD (Dar)

ADMINISTRATIVE STAFF LIST

OFFICE OF THE VICE CHANCELLOR

Council Secretariat
Senior Administrative Officer
G. Marandu, BA, MBA (Dar)

Senior Legal Officers
P. E. Mselewa, LLB (Dar), LLM (Dar), PGDL (LST)

Legal Officer
O. N. Rutashobya, LLB (Tumaini), LLM (UDSM), PGDL (LST)

Assistant Accountant
P. Nzunda, ADA (TIA)

Audit Section
Internal Auditors
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B. Kaijage, ADA(IFM), MBA (Dar), CPA (T)
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S. Mwenda, BAF (Mzumbe), CPA(T)
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J. S. Farijala, BAAF (Moshi), CPA (T)

Directorate of Internationalisation, Convocation and Advancement
Convocation Liaison Officer
D. M. Stephen, BA, MBA, SPDL (Dar)

Senior Administrative Officer and Coordinator of Internationalization
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Public Relations Officer
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Quality Assurance Bureau
Principal Planning Officer
A. E. Kitaluka, BA (Makerere), MBA (Dar)

Administrative Officer
B. I. Shao, BA, MA (Mzumbe)

Senior Office Attendant
R. M. Mgeni, Form VI (VETA) Basic Office Cleaning Certificate

Procurement Management Unit
Procurement/Supplies Officers
G. Kassara, MBA–CM (Dar), CPSP (T), ADMM (Morogoro)
E. Kibua, ADPS (Dar), CPSP (T)
F. Makala, BBA (Dar), NBMM (Dar)
A. Kasambala, PSPTB – FT, DSA (Dar)
E. Edward, (NMMD) (Dar) NBMM (Dar)
B. Augustine, PSPTB – GP, Dip (Dar), CPSP III
M. Nchimbi, CPSP, Atec II, NSC (Dar)

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Communication and Marketing Unit
Office/Management Secretary I
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Senior Office Attendant II
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Public Relations Officers
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M. Machange, BA (Dar)

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Artisan II Photography
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Transport Officer
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Office Management Secretary
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H. O. Gurumo, Life Guard, Swimming Coaching (Dar)

Senoir Office Attendant
C. M. Kaundi, Life Guard, Swimming Coaching (Dar)

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Commandant, Auxiliary Police Unit
AP. ASP. D. B. Kiringo, BA (Dar)

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Coordinator, Students Development and Counselling Services
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Coordinator, Students Governance and Judicatory Services Unit
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USAB Manager
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J. Kilawe, BA, MA (Dar)

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Manager, Mabibo Hostels
A. Isingo, BEd, MAEd (Dar)

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J. Ulime, BAEd (Dar), MBA (Iringa)
T. Makupa, BA (Dar)

Block B
T. Makelele, BAEd (Dar), MA (Morogoro)
D. A. Meena, BAEd (Dar)

Block C
J. R. Munissy, BAEd, MAASP (Dar)
J. Jirori, Dip, BEd (Dar)

Block D
J. P. Paul, BAESc (Dar)
E. J. Abel, BAEd (Dar)
S. A. Nyika, Dip (Mbeya)

Block E
L. Enock, BAEd (Dar)
G. Gama, Dip (Bagamoyo)

Block F
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S. D. Mujemula, BAEd (OUT)

Wardens, Mwl. J. K. Nyerere Campus Hostels
Hall VII
R. H. Chambo, BAEd, MA (Dar)
A. E. Duma, BA (Dar)

Hall VI
D. J. Mungure, BAEd (Dodoma)
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Hall V
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C. F Lugusi, BEd (Iringa)

Hall III (Judge Julie Manning)
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P. G. Myovela, BAEd, MA (Dar)
F. M. Nyamuda, Cert, Dip (Dar)

Hall I
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Wardens, Mabibo Hostels
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F. A. Kamugisha, BA (ISW), MA (Dar)
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Block B
N. M. Muoji, BEd, MEMA (Dar)
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P. P. Mfugale, BAEd (Dar)
S. P. Massae, Dip (Tanga)

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M. L. Nyamrukwa, BAEd (Dar)
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P. A. Mtei, BAEd, MAASP (Dar)
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S. A. Semdoe, DEMA (Bagamoyo)

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Warden, CoICT Hostel
J. E. Mkama, BEd (Dodoma)
A. M. Stanley, BAEd (Dodoma)

Warden, MCHAS Hostel
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D. Dhajeh, Cert (Morogoro), Dip (Bagamoyo), BELM (Mzumbe), MA (Dar)
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N. E. Jambo, Dip (Dar)

Dar es Salaam University Students Organisation (DARUSO)
DARUSO President
H. S. Hamis (2021-04-02185) – Bachelor of Arts in Philosophy and Ethics

DARUSO Vice President
B. Z. Galeba (2021-04-01950) - BSc (Wildlife Science and Conservation)

DARUSO Prime Minister
H. H. Kassele (2020-04-12793) – Bachelor of Law

OFFICE OF THE DEPUTY VICE CHANCELLOR (RESEARCH)
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Senior Accountant I
A. Matanda, BCom (Dar), CPA (T)

Secretary I
M. T. Haule, DSS (Dar)

Senior Office Assistant II
M. A. Shomary, Cert (Dar)

Senior Driver I
R. I. Ng'unda, O level (Dar)

Directorate of Research and Publication (DRP)
Senior Administrative Officer I - Research
W. Navwa, BA (Hons), PHR (Dar)

Administrative Officer II - Grants
A. S. Said, BA (Dar)

Secretary I
A. M. Seveline, Diploma (Tabora)

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C. A. Laimos, Cert. (Dar)

Driver II
A. J. Kimiro, BA (Dar)

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S. R. Assey, BSc (Morogoro), MA (Dar)
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Personal Sectretary
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Manager
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Office Management Secretary
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Driver
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Administrative Officer
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Technical Services
Senior Lecturer/Librarian and Head
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Reader Services
Lecturer/Librarian and Head
C. Kimaryo, BAEd, MA, PhD (Dar)

Library Collections
Arts and Social Sciences
Principal Library Officer and Supervisor
Z. H. Maro, BALIS, MA (Dar)

Science and Engineering
Library Officer and Supervisor
N. S. Hamis, BALIS, MA (Dar)

Law
Principal Library Officer and Supervisor
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_____
* On Study Leave
** On Sabbatical Leave
*** On Leave of Absence/Secondment

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DIRECTORATE OF STUDENTS SERVICES P. O. BOX 35091 DAR ES SALAAM E-MAIL: dosoadm@yahoo.com	+255-22-2410256	+255 22 2410078/481
DIRECTORATE OF PLANNING, DEVELOPMENT AND INVESTMENT P. O. BOX 35091 DAR ES SALAAM E-MAIL: dpf@admin.udsm.ac.tz	+255-22-2410500/8 Ext. 2022/2790 +255-22-2410514/5	+255-22-2410514
COLLEGE OF HUMANITIES P. O. BOX 35051 DAR ES SALAAM E-MAIL: cohu@udsm.ac.tz	+255-22-2410500/8 Ext. 2294	+255-22-2410395
COLLEGE OF AGRICULTURAL SCIENCES AND FOOD TECHNOLOGY TECHNOLOGY P. O.BOX 35064 DAR ES SALAAM E-MAIL: coaf@udsm.ac.tz	+255-22-2410462	NIL
COLLEGE OF ENGINEERING AND TECHNOLOGY P. O. BOX 35131 DAR ES SALAAM E-MAIL: principalcoet@udsm.ac.tz	+255-22 2410753 +255-22 2410114	+255-22-2410029 +255-22 2410753
COLLEGE OF NATURAL AND APPLIED SCIENCES P. O. BOX 35065 DAR ES SALAAM E-MAIL: principalconas@udsm.ac.tz	+255-22-2410129 +255-22-2410500/8 Ext. 2686/2799	+255-22-2410129

Postal Address	Telephone	Telefax
COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES P. O. BOX 35194 DAR ES SALAAM E-MAIL: principalcoict@udsm.ac.tz	+255-2700201	NIL
COLLEGE OF SOCIAL SCIENCES P. O. BOX 35051 DAR ES SALAAM E-MAIL: coss@udsm.ac.tz	+255-22-2410500/8 Ext. 2294 +255-22-2410472	+255-22-2410472 +255-22-2410395
UNIVERSITY OF DAR ES SALAAM SCHOOL OF LAW P. O. BOX 35093 DAR ES SALAAM E-MAIL: dean_law@udsm.ac.tz	+255-22-2410196, +255-22-2410500/8 Ext. 2357	+255-22-2410254/
UNIVERSITY OF DAR ES SALAAM BUSINESS SCHOOL P. O. BOX 35046 DAR ES SALAAM E-MAIL: dean@udbs.udsm.ac.tz	+255-22-2410500/8 Ext. 2013	+255-22-2410510 +255-22-2410006
SCHOOL OF EDUCATION P. O. BOX 35048 DAR ES SALAAM E-MAIL: dean@edu.udsm.ac.tz	+255-22-2410500/8 Ext. 219422-2410608	NIL
SCHOOL OF AQUATIC SCIENCES AND FISHERIES TECHNOLOGY P.O BOX 60091 DAR ES SALAAM E-MAIL: soaf@udsm.ac.tz	+255 22 2410500	
SCHOOL OF MINES AND GEOSCIENCES P.O BOX 35052 DAR ES SALAAM E-MAIL: dean.somg@udsm.ac.tz	+255 22 2410013	+255 22 2410078/481
SCHOOL OF JOURNALISM AND MASS COMMUNICATION P. O. BOX 4067DAR ES SALAAM EMAIL: sjmc@udsm.ac.tz	+255-22-2700756/27 Ext. 00236	+255-22-2700239
INSTITUTE OF GENDER STUDIES P.O.BOX 35091 DAR ES SALAAM E-MAIL: igs@udsm.ac.tz	+255-22-2410637 Ext. 2178	
INSTITUTE OF DEVELOPMENT STUDIES P. O. BOX 35169 DAR ES SALAAM E-MAIL: ids@udsm.ac.tz	+255-22-2410500/8 +255-22-2410237 Ext. 2600-1	+255-22-2410075

Postal Address	Telephone	Telefax
INSTITUTE OF KISWAHILI STUDIES P. O. BOX 35110 DAR ES SALAAM E-MAIL: iks@udsm.ac.tz	+255-22-2410757 +255-22-2410328 +255-22-2410500/8 Ext. 2647	NIL
INSTITUTE OF MARINE SCIENCES P.O. BOX 668 ZANZIBAR E-MAIL: director@ims.udsm.ac.tz	+255-24-2230741/ +255-24-2232128	+255-24-2233050
INSTITUTE OF RESOURCE ASSESSMENT P.O. BOX 35097 DAR ES SALAAM E-MAIL: ira@udsm.ac.tz	+255-22-2410500/8 Ext. 2410 +255-22-2410144	+255-22-2410393
DIRECTORATE OF LIBRARY SERVICES P. O. BOX 35092 DAR ES SALAAM EMAIL: directorlibrary@udsm.ac.tz	+255-22-2410500/8 Ext. 2165 +255-22-2410241	NIL
UNIVERSITY COMPUTING CENTRE (UCC) P. O. BOX 35062 DAR ES SALAAM E-MAIL: ucc@udsm.ac.tz	+255-22-2410500/8 +255-22-2410645 +255-744-782120	+255-22-2410690
DAR ES SALAAM UNIVERSITY PRESS (DUP) P. O. BOX 35182 DAR ES SALAAM EMAIL: dup@udsm.ac.tz	+255-22-2410093 +255-22-2410500 Ext. 2560	NIL
CONFUCIUS INSTITUTE AT UDSM P. O. BOX 35146 DAR ES SALAAM	+255-752-483 723 +255-784-888 281 +255-752-483 723	+255-22-2410651
QUALITY ASSURANCE UNIT P. O. BOX 110093 DAR ES SALAAM E-MAIL: qab@udsm.ac.tz	+255-22-2410747	+255-22 2410747
DIRECTORATE OF FINANCE P. O. BOX 35091 DAR ES SALAAM E-MAIL: bursar@admin.udsm.ac.tz	+255-22-2410500/8 Ext. 2069/2076 +255-22-2410516	NIL
DIRECTORATE OF ESTATES SERVICES P. O. BOX 35091 DAR ES SALAAM	+255-22-2410056	+255-22-2410132
UNIVERSITY HEALTH CENTRE P. O. BOX 35074 DAR ES SALAAM E-MAIL: medical@udsm.co.tz	+255-22-2410500/8 Ext. 2006/2555/ 2552	+255-22-2410023
DAR ES SALAAM UNIVERSITY STUDENTS' ORGANIZATION P. O. BOX 35080 DAR ES SALAAM E-MAIL: DARUSO@hotmail.com	+255-22-2410251 +255-22-2410500/8 Ext. 2395/6	NIL

Postal Address	Telephone	Telefax
UNIVERSITY HILL POST OFFICE P. O. BOX 35000 DAR ES SALAAM	+255-22-2410143	NIL
MLIMANI PRIMARY SCHOOL P. O. BOX 35091 DAR ES SALAAM	+255-22-2410135	NIL
MKWAWA UNIVERSITY COLLEGE OF EDUCATION P. O. BOX 2513 IRINGA E-MAIL: principal@muce.ac.tz	+255-26-2702751	+255 (26) 2702751
MBEYA COLLEGE OF HEALTH AND ALLIED SCIENCES P. O. BOX 608 MBEYA E-MAIL: mchas@udsm.ac.tz	+255-25-2500082	NIL
DAR ES SALAAM UNIVERSITY COLLEGE OF EDUCATION P. O. BOX 2329 DAR ES SALAAM E-MAIL: principal@duce.ac.tz	+255-22-2850975	+255 (0) 222850972
UNIVERSITY OF DAR ES SALAAM MINERAL RESOURCES INSTITUTE P. O. BOX 1696 DODOMA E-MAIL: principal@mri.ac.tz	+255262963004	+255262963003
UNIVERSITY OF DAR ES SALAAM ACADEMIC STAFF ASSEMBLY (UDASA) P.O. BOX 35091 DAR ES SALAAM EMAIL: udasa@udsm.ac.tz	NIL	NIL

UNDERGRADUATE PROGRAMMES WHICH ARE OFFERED FOR THE UNIVERSITY CERTIFICATES, DIPLOMAS AND DEGREES AWARDS

The minimum number of students required for any particular undergraduate programme to run shall be ten. Departments wishing to run programmes with less than ten students shall first obtain special permission from the Deputy Vice-Chancellor (Academic). The set minimum number of students is subject to annual reviews by the Senate.

Subject to paragraph one (1) above the undergraduate Bachelor programmes offered by the University of Dar es Salaam in its various academic units are:

College of Agricultural Sciences and Food Technology (CoAF)
BSc in Beekeeping Science and Technology
BSc in Agricultural Engineering and Mechanization
BSc in Food Science and Technology
BSc in Agricultural and Natural Resources Economics and Business
BSc in Crop Science and Technology

College of Humanities (CoHU)
BA in Archeology
BA in Archeology and History
BA in Archeology and Geography
BA in Communication Studies
BA in Diplomatic and Military History
BA in Heritage Management
BA in Art and Design
BA in Theatre Arts
BA in Film and Television Studies
BA in Philosophy and Ethics
BA in Music
BA in Language Studies
BA in Literature
BA in History BA in History and Political Science
BA in History, Cultural Heritage Management & Tourism
BA with Education (CoHU)
BA with Education (Chinese and English)

College of Social Sciences (CoSS)
BA in Anthropology
BA in Geography and Environmental Studies
BA in Political Science and Public Administration
BA in Sociology
BA in Statistics
BA of Social Work
BA in Psychology
BA of Library and Information Studies
BA with Education (CoSS)

College of Engineering and Technology (CoET)
BSc in Chemical and Process Engineering
BSc in Civil Engineering
BSc in Electrical Engineering
BSc in Mechanical Engineering
BSc in Industrial Engineering
BSc in Textile Design and Technology

BSc in Textile Engineering
Bachelor of Architecture (a five-year undergraduate degree programme)
BSc in Quantity Surveying
BSc in Geomatics

College of Natural and Applied Sciences (CoNAS)
BSc in Actuarial Sciences
BSc in Applied Zoology
BSc in Botanical Sciences
BSc in Chemistry
BSc in Microbiology
BSc in Molecular Biology and Biotechnology
BSc in Wildlife Science and Conservation
BSc with Education
BSc in Petroleum Chemistry
BSc in Meteorology
BSc in Applied Microbiology and Chemistry
BSc in Chemistry and Physics
BSc in Mathematics and Statistics

College of Information and Communication Technologies (CoICT)
BSc in Computer Science
BSc in Electronic Science and Communication
BSc in Computer Engineering and Information Technology
BSc in Telecommunications Engineering
BSc in Business Information Technology

School of Mines and Geosciences (SoMG)
BSc in Geophysics
BSc in Geology and Geothermal Resources
BSc in Petroleum Geology
BSc in Geology
BSc with Geology
BSc in Engineering Geology
BSc in Metallurgy and Mineral Processing Engineering
BSc in Mining Engineering
BSc in Metallurgy and Mineral Processing Engineering
BSc in Petroleum Engineering

School of Aquatic Sciences and Fisheries Technology (SoAF)
BSc in Aquatic Sciences and Fisheries

School of Journalism and Mass Communication (SJMC)
BA in Journalism
BA in Mass Communication
BA in Public Relations and Advertising

University of Dar es Salaam Business School (UDBS)
Bachelor of Commerce in Accounting
Bachelor of Commerce in Banking and Financial Services
Bachelor of Commerce in Finance
Bachelor of Commerce in Human Resources Management
Bachelor of Commerce in Marketing
Bachelor of Commerce in Tourism and Hospitality Management
Bachelor of Business Administration (Evening Programme)
Bachelor of Commerce in Procurement and Supply Chain Management

University of Dar es Salaam School of Economics (UDSE)
BA in Economics
BA in Economics and Statistics

School of Education (SoED)
Bachelor of Education in Adult and Community Education
Bachelor of Education in Commerce
Bachelor of Education in Early Childhood Education
Bachelor of Education in Physical Education and Sport Sciences
Bachelor of Education in Psychology
Bachelor of Arts in Gender Studies and Community Development (offered in collaboration with the Institute of Gender Studies)

University of Dar es Salaam School of Law (UDSoL)
Bachelor of Laws
Bachelor of Arts in Law Enforcement

Institute of Kiswahili Studies (IKS)
BA in Kiswahili

Institute of Development Studies (IDS)
BA in Development Studies

Dar es Salaam University College of Education (DUCE)
Bachelor of Education in Arts
Bachelor of Education in Science
Bachelor of Arts with Education
Bachelor of Science with Education
Bachelor of Arts in Disaster Risk Management

Mkwawa University College of Education (MUCE)
Bachelor of Education in Arts
Bachelor of Education in Science
Bachelor of Arts with Education
Bachelor of Science with Education
Bachelor of Science in Chemistry

Mbeya College of Health and Allied Sciences (MCHAS)
Doctor of Medicine
Doctor of Dental Surgery

University of Dar es Salaam Mineral Resources Institute (UDSM-MRI)
Ordinary Diploma Programmes
Ordinary Diploma in Geology and Mineral Exploration
Ordinary Diploma in Petroleum Geosciences
Ordinary Diploma in Mining Engineering
Ordinary Diploma in Mineral Processing Engineering
Ordinary Diploma in Environmental Engineering and Management in Mines
Ordinary Diploma in Land and Mine Surveying

Certificate Programmes
Technician Certificate in Geology and Mineral Exploration
Technician Certificate in Petroleum Geosciences
Technician Certificate in Mining Engineering
Technician Certificate in Mineral Processing Engineering
Technician Certificate in Environmental Engineering and Management in Mines

Technician Certificate Land and Mine Surveying
Basic Certificate in Geology and Mineral Exploration
Basic Certificate in Petroleum Geosciences
Basic Certificate in Mining Engineering
Basic Certificate in Mineral Processing Engineering
Basic Certificate in Environmental Engineering and Management in Mines
Basic Certificate Land and Mine Surveying

ADMISSION REGULATIONS

1. All enquiries about admission should be addressed to:
    The Director of Undergraduate Studies
    University of Dar es Salaam
    P. O. Box 35091
    Dar es Salaam, Tanzania
    E-mail: dus@udsm.ac.tz
    Tel. +255222410544/2410545/2410513 or 2410500Ext. 2019 and 2057
    Fax: +255222410078

    All applicants MUST submit their applications for admission online via https://udsm. admission.ac.tz.
    Only applicants who meet the TCU minimum entry qualifications should submit their applications.
    Applications which do not meet the minimum entry qualifications will not be processed and the
    admission fee if paid will be forfeited.

2. It is an offence to submit false information when applying for admission. Applicants who will be
    discovered to have submitted forged certificates or any other false information will not be considered
    and appropriate legal action will be taken against them. Bonafide University students are cautioned
    not to attempt applying for admission. If such students submit their application, they will be liable to
    de-registration. Likewise, former students who have already graduated cannot be admitted as
    undergraduate students under Government loan sponsorship.

3. All new students are required to report for the orientation programme that normally takes place during
    the week preceding the beginning of the new academic year.

4. Successful applicants will be registered only after they have paid the requisite University fees.

5. Fees paid will not be refunded.

6. All students, if accepted, are expected to conform entirely to University regulations.

7. The deadline for registration of first year students will be two weeks, from the first day of the
    orientation week, while for continuing students it will be the Friday of the second week after the
    beginning of the first semester.

8. Except in exceptional circumstances, no student will be allowed to change subjects/courses later than
    the Friday of the fourth week after the beginning of the first semester. Transferring from one academic
    programme to another will be allowed only where the student has the required admission criteria for
    the academic programme for which transfer is being sought and a vacancy exists in that programme.

9. (a) Students discontinued on academic grounds from one College/School may be allowed to
        apply into another College/School provided that the sponsor approves.

    (b) Discontinued students wishing to re-apply in the same College/School must show evidence
        of having followed further studies satisfactory to the College/School.

10. (a) Students entering this University as transfer cases cannot transfer grades obtained elsewhere.
        They can, however, be exempted from taking corresponding courses.
    (b) Where degrees are classified, the maximum transferable load is one academic year.

11. Students will be allowed to be away from University studies for a maximum of two years if they are to be allowed for the re-admission into the same year of studies where they left off.

12. Students discontinued from studies because of examination irregularities will be considered for re-admission after they have been away for three years. They will be required to re-apply and compete with other applicants for re-admission into first year.

13. No change of names by students will be entertained during the course of study at the University and they will only be allowed to use names appearing on their certificates.

14. No student will be allowed to postpone studies after effective commencement of an academic year except under special circumstances. Permission to postpone studies will be considered after producing satisfactory evidence of the reasons for postponement and written approval from the sponsor. Special circumstances shall include: sickness, serious social problems (each case to be considered on its own merit) and severe sponsorship problem.

MINIMUM ENTRANCE REQUIREMENTS FOR DIRECT AND EQUIVALENT QUALIFICATION ENTRANTS

A candidate shall be deemed eligible for consideration for admission to a first-degree programme of the University of Dar es Salaam if the candidate has the following qualifications:

Certificate of Secondary Education Examination (CSEE) or equivalent, with passes in FIVE approved subjects THREE of which must be at Credit level obtained prior to sitting for the Advanced Certificate of Secondary Education Examination (ACSEE) or equivalent;

AND

(i) For all applicants except graduates of 2014 and 2015
Two Principal Passes in appropriate subjects in the ACSEE or equivalent with total points from three subjects not below 5 (for Arts programmes) and 4 (for Science-based programmes) based on the following grade to point conversion scale:
A = 5; B = 4; C = 3; D = 2; E = 1; S = 0.5 and F = 0 point
The minimum Principal in this case is an 'E' grade.

(ii) For graduates of 2014 and 2015
Two passes in appropriate subjects in the ACSEE or equivalent with total points from three subjects not below 5 (for Arts programmes) and 4 (for Science-based programmes) based on the following grade to point conversion scale:
A = 5; B+ = 4; B = 3; C = 2; D = 1; E = 0.5 and F = 0 point.
The minimum Principal in this case is a 'D' grade.
(Note: Principal level passes in Divinity/Islamic Knowledge are not counted)

OR
An appropriate equivalent Diploma of a GPA not less than 3.5 for Ordinary Diplomas or B+ average for Teacher Education and Health Related diplomas or Distinction for unclassified awards or B grade for Full Technician Certificates or Upper Second Class for non-NTA diplomas obtained from a college which is fully registered by NACTE and approved by the UDSM Senate.

Note: Applicants from countries which follow an 8-4-4 education system need to complete at least one year of study at a university in their own countries before they can be considered for admission into the University of Dar es Salaam.

ADDITIONAL REQUIREMENTS BY COLLEGES AND SCHOOLS

COLLEGE OF AGRICULTURAL SCIENCES AND FOOD TECHNOLOGY (COAF)

Bachelor of Science in Beekeeping Science and Technology
(i)   Direct Entry (Form VI) Qualifications
        Two Principal passes in Biology and any of the following fields Chemistry, Nutrition, Agriculture, Physics and Geography.
(ii)   Equivalent Qualifications
        Diploma in an appropriate field of Biological Sciences such as Beekeeping, Agriculture, Fisheries, Wildlife Management and Forestry with GPA of not less than 3.5 or grade B from recognized institutions.

Bachelor of Science in Agricultural Engineering and Mechanization
(i)   Direct Entry (Form VI) Qualifications
        Two Principal passes in Mathematics and Physics.
(ii)   Equivalent Qualifications
        Diploma in relevant fields of technical education (NTA 6) such as Diploma in Civil Engineering, Mechanical Engineering, Electrical Engineering, Water Resources and Mining Engineering with a GPA of not less than 3.5 or grade B from recognized institutions.

Bachelor of Science in Food Science and Technology
(i)   Direct Entry (Form VI) Qualifications: Two Principal passes from Biology and any of the following subjects: Chemistry, Nutrition, Agriculture, Physics and Geography. A credit in Mathematics at "O level" and a subsidiary pass at "A level" is compulsory.
(ii)   Equivalent Qualifications: Diploma in an appropriate field of Biological Sciences such as Beekeeping, Agriculture, Fisheries, Wildlife Management and Forestry GPA of not less than 3.5 or grade B from recognized institutions. A credit in Mathematics at "O level" and a subsidiary pass at "A level" is compulsory.

Bachelor of Science in Agricultural and Natural Resources Economics and Business
(i)   Direct Entry (Form VI) Qualifications: Two Principal passes in Economics, Commerce, Agriculture, Geography and Mathematics
(ii)   Equivalent Qualifications: Diploma in relevant fields with a GPA of not less than 3.5 or grade B from recognized institutions

COLLEGE OF ENGINEERING AND TECHNOLOGY (CoET)
(i)   Direct Entry (Form VI) Qualifications
        For ***ALL degree programmes in CoET, except BSc in Textile Design and Technology and BSc Architecture:***
        Passes of at least 'D' grade at A-Level in Mathematics and Physics, and at least a Subsidiary Pass in Chemistry at ACSEE or a Credit pass at CSEE

        Bachelor of Science in Textile Design and Technology
        Two passes of at least 'D' grade at A-Level in any Science subjects or two passes of at least 'D' grade at A-Level in Arts subjects, including Fine Art (except Religious studies). In addition, applicants must have a pass at CSEE in Mathematics and Chemistry.

        Bachelor of Architecture
        Two passes of at least 'D' grade at A-Level in any of the following subjects: Physics, Chemistry, Biology, Mathematics, Geography and Fine Arts at ACSEE. Applicants without at least a "D" grade pass in Mathematics at ACSEE level must have either a Subsidiary level pass at ACSEE or Credit pass in Mathematics at CSEE level.

(ii)   Equivalent Qualifications
        For ***ALL degree programmes in CoET, except the Bachellor of Architecture***
        An appropriate equivalent diploma or certificate from a recognized institution and approved by the UDSM Senate, with at least a "C" grade in Mathematics and an overall average grade of "B' in the results of the respective final examinations or a GPA of not less than 3.5. For diplomas that are furtherclassified into "B" and "B+", applicants must have an overall average grade of "B+" in the results of the respective final examinations.

        Bachelor of Architecture
        An appropriate equivalent diploma or certificate from a recognized institution and approved by the UDSM Senate, with an overall average grade of "B' in the results of the respective final examinations or with a GPA of not less than 3.5. For diplomas that are further classified into "B" and "B+", applicants must have an overall average grade of "B+" in the results of the respective final examinations.

COLLEGE OF HUMANITIES (CoHU)
Bachelor of Arts in History
(i)   Direct Entry (Form VI) Qualifications
        Two Principal level passes, one of which must be in **History, with a D grade** or above, and a principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.
(ii)   Equivalent Qualifications
        Diploma in Architecture, Archival Studies, Records Management, Library or Social Work recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction.

Bachelor of Arts in Archaeology
(i)   Direct Entry (Form VI) Qualifications
        Two or more principal level passes in Arts and Science subject combinations at the ACSEE level.
(ii)   Equivalent Qualifications
        Diploma in Arts, Social Sciences, Architecture, Geology, Education, Heritage Management, recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction.

Bachelor of Arts in History and Political Science
(i)   Direct Entry (Form VI) Qualifications
        Two Principal level passes, one of which must be in **History at C** grade or above and a principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French or Arabic
(ii)   Equivalent Qualifications
        Diploma in Archival Studies, Records Management, International Relations, Diplomatic Studies or Legal Studies recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction.

Bachelor of Arts in Heritage Management
(i)   Direct Entry (Form VI) Qualifications
        Two or more principal level passes one of which must be in History
(ii)   Equivalent Qualifications
        Diploma in Arts, Heritage, Architecture, Teaching, Library, Social Studies, Records Management, Tourism, Law, Wildlife, recognized by UDSM Senate, of GPA not less than 3.5 or B grade or distinction.

Bachelor of Arts in History Cultural Heritage Management and Tourism
(i)   Direct Entry (Form VI) Qualifications
        Two Principal level passes, one of which must be in History, with a minimum of "D" grade in History, and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.
(iii)   Equivalent Qualifications
        Diploma in Tourism, Social Work, and Records Management of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Language Studies
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes at C grade or above in Kiswahili, English or French
(ii)   Equivalent Qualifications
        Diploma in Education, recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Literature
(i)   Direct Entry (Form VI) Qualifications
        Two Principal level passes in the following subjects, English and Kiswahili
(ii)   Equivalent Qualifications
        Diploma in Education, recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Music
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes in any Arts, Business or Science subjects
(ii)   Equivalent Qualifications
        Diploma in any subject of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Art and Design
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes in any Arts, Business or Science subjects
(ii)   Equivalent Qualifications
        Diploma in any subject of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Film and Television
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes in any Arts, Business or Science subjects
(ii)   Equivalent Qualifications
        Diploma in any subject of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Theatre Arts
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes in any Arts, Business or Science subjects
(ii)   Equivalent Qualifications
        Diploma in any subject of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Philosophy and Ethics
(i)   Direct Entry (Form VI) Qualifications
        Any two Principal level passes in Arts or Science subjects
(ii)   Equivalent Qualifications
        Diploma in Philosophy or related fields of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Archaeology and History
(i)   Direct Entry (Form VI) Qualifications
        Two Principal level passes, one of which must be in History
(ii)   Equivalent Qualifications
        Diploma in Arts, Heritage, Architecture, teaching with History, Social Studies recognized by UDSM Senate, of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Archaeology and Geography
(i)   Direct Entry (Form VI) Qualifications
        Two principal passes in History and Geography
(ii)   Equivalent Qualifications
        Diploma in Arts, Geography, Environment, History, Sociology, Social Work of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts with Education (Chinese and English Language)
(i)   Direct Entry (Form VI) Qualifications
       Two Principal passes in Arts subjects of which one must be in English
(ii)   Equivalent Qualifications
       Diploma in Chinese Language of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Diplomatic and Military History
(i)   Direct Entry (Form VI) Qualifications
       Two principal passes one of which must be in **History with C** grade and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French or Arabic
(ii)   Equivalent Qualifications
       Diploma in Diplomatic Studies, and in Legal Studies with an average of B+ or a minimum of 3.5

Bachelor of Arts in Communication Studies
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes in Arts or Science. In addition, a credit in English at O' Level is mandatory.
(ii)   Equivalent Qualifications
       Diploma in Communications Studies or any other relevant field (such as Public Relations, Education, Management, Tourism, Journalism and Mass Communication) of not less than 3.5 GPA obtained from a recognized institution.

Bachelor of Arts with Education
(i)   Direct Entry (Form VI) Qualifications
       Two or more principal level passes in two teaching subjects one of which must be in Arts
(ii)   Equivalent Qualifications
       Diploma in Education with two Arts subjects with GPA not less than 3.5 or B grade or distinction

COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (CoICT)
Bachelor of Science in Computer Science; Bachelor of Science in Electronic Science and Communication; Bachelor of Science in Computer Engineering and Information Technology, Bachelor of Science in Telecommunication Engineering and Bachelor of Science in Business Information Technology.
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes at A-Level in Physics and Mathematics
(ii)   Equivalent Qualification
       An appropriate equivalent Diploma with a GPA not less than 3.5 or an average grade of 'B+' or higher.

Bachelor of Science in Business Information Technology
(i)   Direct Entry (Form VI) Qualifications
       Two principal passes in the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, and Economics. In addition, for applicants without Advanced Mathematics in their principal subjects **must have a minimum of "C" grade in Mathematics at O-level.**
(ii)   Equivalent Qualifications
       Diploma/Full Technician Certificate (FTC) in Mathematics, Statistics, Economics, Computer Science, Information Technology, Computer Engineering, Electronics or Telecommunication Engineering with GPA not less than 3.5 or B+ grade or distinction

COLLEGE OF NATURAL AND APPLIED SCIENCES (CoNAS)

Bachelor of Science in Chemistry and Physics
(i)   Direct Entry (Form VI) Qualifications
       Principal level passes in Chemistry and Physics in addition an applicant MUST have passes in chemistry physics and mathematics at O' Level.
(ii)   Equivalent Qualifications
       Diploma in Chemistry Physics and related fields of at least an upper second-class award (GPA of at least 3.5 out of 5) from recognized colleges as approved by the UDSM Senate.

Bachelor of Science in Applied Microbiology and Chemistry
(i)   Direct Entry (Form VI) Qualifications
       Principal level passes in Chemistry and Biology
(ii)   Equivalent Qualifications
       Diploma in Biological Sciences, Nursing, Public Health, Clinical Medicine, Pharmaceutical Studies or Medical Laboratory Sciences with an average of "B+"" or a minimum GPA of 3.5.

Bachelor of Science in Mathematics and Statistics
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes at A-Level in Chemistry and Biology, Physics, Mathematics, Nutrition or Geography
(ii)   Equivalent Qualifications
       Diploma in Mathematics, Statistics, Economics or other relevant discipline of not less than second-class with GPA not below 3.5 and a grade in Statistics or Mathematics or Quantitative Methods of C or better, to be approved by the Senate.

Bachelor of Science in Chemistry
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes at A-Level in Chemistry and Biology, Physics, Mathematics, Nutrition or Geography.
(ii)   Equivalent Qualifications
       An appropriate equivalent Diploma approved by the UDSM Senate, with an average grade of 'B+' or higher.

Bachelor of Science in Applied Zoology; Bachelor of Science in Botanical Sciences; Bachelor of Science in Microbiology; Bachelor of Science in Molecular Biology and Biotechnology; Bachelor of Science in Wildlife Science and Conservation
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes at A-Level in Biology and Chemistry, Physics, Mathematics, Nutrition, Agriculture or Geography.
(ii)   Equivalent Qualifications
       An appropriate equivalent Diploma approved by the UDSM Senate with an average grade of 'B+' or higher.

Bachelor of Science with Education
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes at A-Level in any of the following subjects: Physics, Chemistry, Mathematics, Biology and Geography.
(ii)   Equivalent Qualifications
       An appropriate equivalent Diploma with an average grade of 'B+' or higher. Passes in Teaching Methodology courses will not be considered.

Bachelor of Science in Actuarial Sciences
(i) Direct Entry (Form VI) Qualifications
Principal level passes at A-Level in any two subjects one of which must be in Advanced Mathematics.
(ii) Equivalent Qualifications
Diploma in Mathematical Sciences, Statistics, recognized by UDSM Senate with GPA not less than 3.5 or B grade or distinction. Must have at least a Credit in Mathematics or Statistics

COLLEGE OF SOCIAL SCIENCES (CoSS)
Bachelor of Arts (Statistics or Statistics with another subject)
Two or more principal level passes, one of which must be in Advanced Mathematics

Bachelor of Arts (Geography and Environmental Studies or Geography with another subject)
Two or more principal level passes, one of which must be in Geography

Other Bachelor of Arts Programmes
(i) Direct Entry (Form VI) Qualifications
Two or more principal level passes in Arts subjects.
(ii) Equivalent Qualifications
An appropriate Diploma, recognised by the UDSM Senate, of not less than Upper Second class or Distinction.

Bachelor of Arts with Education
(i) Direct Entry (Form VI) Qualifications
Two or more principal level passes in two teaching subjects one of which must be in Social Sciences
(ii) Equivalent Qualifications
At least, 2nd Class upper or 'B+' average Diploma in either Teacher Education or Adult Education with 'B+' (or 60% marks) average in two teaching subjects. Passes in Teaching Methodology courses will not be considered.

UNIVERSITY OF DAR ES SALAAM BUSINESS SCHOOL (UDBS)
Bachelor of Commerce in Accounting; Bachelor of Commerce in Banking and Financial Services; Bachelor of Commerce in Finance; Bachelor of Commerce in Human Resources Management; Bachelor of Commerce in Marketing; Bachelor of Commerce in Tourism Management.
(i) Direct Entry (Form VI) Qualifications
Two or more principal level passes in all Business, Science or Arts combinations except Religious studies. In addition, one must have at least a Subsidiary pass in Mathematics at ACSEE or a grade of 'C' or better at CSEE.
(ii) Equivalent Qualifications
Any diploma with GPA not less than 3.5 or B grade or distinction. The grade in Statistics or Mathematics or Quantitative methods in the diploma must be 'C' or better or at least a Credit at O-Level

UNIVERSITY OF DAR ES SALAAM SCHOOL OF ECONOMICS (UDSM SoEC)
Bachelor of Arts in Economics
(i) Direct Entry (Form VI) Qualifications
Two or more principal level passes, one of which must be in Economics. In addition, one must have at least a Subsidiary pass in Mathematics at ACSEE or a grade of 'C' or better at CSEE.
(ii) Equivalent Qualifications
Diploma in Economics and related fields, recognized by UDSM Senate of GPA not less than 3.5 or B grade or distinction

Bachelor of Arts in Economics and Statistics
(i) Direct Entry (Form VI) Qualifications
Principal level passes in Mathematics and Economics
(ii) Equivalent Qualifications
Diploma in Economics, Statistics, recognized by UDSM Senate, of GPA not less than 3.5 or B grade or distinction

SCHOOL OF AQUATIC SCIENCES AND FISHERIES TECHNOLOGY (SoAF)
Bachelor of Science in Aquatic Sciences and Fisheries
(i)   Direct Entry (Form VI) Qualifications
       Two Principal level passes in Science subjects one of which must be in Biological sciences.
(ii)   Equivalent Qualifications
       Diploma in Biological Sciences with GPA not less than 3.5 or B grade or distinction or B grade for FTC

SCHOOL OF EDUCATION (SoED)
Bachelor of Education (Adult and Community Education); Bachelor of Education (Psychology); Bachelor of Education (Early Childhood Education)
(i)   Direct Entry (Form VI) Qualifications
       Two or more principal level passes in two teaching subjects
(ii)   Equivalent Qualifications
       Diploma in Educational Studies with GPA not less than 3.5 or B grade or Distinction

Bachelor of Education (Physical Education and Sport Sciences)
(i)   Direct Entry (Form VI) Qualifications
       Two principal passes in any Arts, Business or Science subjects.
       Pass a Physical Fitness Test to be conducted by the responsible Department at UDSM.
(ii)   Equivalent Qualifications
       A Diploma recognized by UDSM Senate in Physical Education, Sports Management and Administration, and in Sport Coaching Education with GPA not less than 3.5 or B grade or distinction. Pass a Physical Fitness Test to be conducted by the responsible Department at UDSM.

Bachelor of Education (Commerce)
(i)   Direct Entry (Form VI) Qualifications
       Two principal level passes in Commercial subjects i.e. Mathematics, Accountancy, Economics and Commerce.
(ii)   Equivalent Qualifications
       A relevant Diploma approved by the UDSM Senate with at least a 'B+' grade average and a Credit pass in Mathematics at CSEE Passes in Teaching Methodology courses will not be considered.

Bachelor of Arts in Gender Studies and Community Development
(i)   Direct Entry (Form VI) Qualifications: Two or more principal level passes in Arts subject combinations at the ACSEE level including a minimum of five passes at the O-level, three of which must be credits.
(ii)   Equivalent Qualifications: Diploma (with a GPA of not less than 3.5 or B grade or Distinction) in Gender Studies, Community Development, Social Work, Education, Adult Education and Community Development, Adult Education and Continuing Education, Development Studies, Social Protection, Economic Development, International Development, Political Science and Administration, Public Health, Social Policy, Social Development Studies or Rural Development obtained from an institution recognised by the UDSM Senate.

SCHOOL OF MINES AND GEOSCIENCES (SoMG)
Bachelor of Science in Geology, Bachelor of Science in Engineering Geology, Bachelor of Science in Petroleum Geology and Bachelor of Science in Geology and Geothermal Resources
(i)   Direct Entry (Form VI) Qualifications
       Principal level passes at A-Level in Physics, Chemistry and Mathematics.
(ii)   Equivalent Qualifications
       An appropriate equivalent Diploma with an average grade of 'B+' or higher obtained at the same sitting.

Bachelor of Science in Geophysics
(i)   Direct Entry (Form VI) Qualifications
       Principal level passes at A-Level in Physics and Mathematics.

(ii) Equivalent Qualifications
Diploma in Physical Sciences, Mineral and Water Resources, and related fields with a GPA NOT less than 3.5 from recognised Colleges as approved by the UDSM senate.

Bachelor of Science with Geology
(i) Direct Entry (Form VI) Qualifications
Principal level passes at A-Level in any two of the following: Physics, Chemistry, Mathematics, Biology and Geography.
(ii) Equivalent Qualifications
An appropriate equivalent Diploma with an average grade of 'B+' or higher obtained at the same sitting.

Bachelor of Science in Petroleum Engineering
(i) Direct Entry Qualifications
Passes of at least 'D' grade at A-Level in Mathematics and Physics, and at least a Subsidiary Pass in Chemistry at ACSEE
(ii) Equivalent Qualifications
Diploma/FTC in Petroleum Engineering and Credit pass in Mathematics with a Credit pass in Mathematics and with GPA not less than 3.5 or B grade or distinction or B grade for FTC

Bachelor of Science in Mining Engineering
(i) Direct Entry Qualifications
Principal level passes in Mathematics and Physics. Those without at least a Subsidiary pass in Chemistry must have a Credit at O-Level.
(ii) Equivalent Qualifications
Diploma/FTC in Sciences or *Mining Engineering*, with a Credit Pass in Mathematics and an overall average of B with GPA not less than 3.5 or B grade or distinction or B average for FTC

Bachelor of Science in Metallurgy and Mineral Processing Engineering
(i) Direct Entry Qualifications
Principal level passes in Mathematics and Physics. Those without at least a subsidiary in Chemistry must have a credit pass in Chemistry at O-Level
(ii) Equivalent Qualifications
Diploma or FTC in Mineral Processing, with a Credit Pass in Mathematics and with GPA not less than 3.5 or B grade or distinction or B grade for FTC

UNIVERSITY OF DAR ES SALAAM SCHOOL OF LAW (UDSoL)
Bachelor of Law
(i) Direct Entry (Form VI) Qualifications
Two principal passes in any Arts, Business or Science subjects.
(ii) An applicant without principal passes in History and English **must** have at least subsidiary passes or a minimum of "**C**" grade in History and English at O-Level Equivalent Qualifications
Diploma in Law or any Diploma in a discipline relevant to Law Enforcement with an average of "B+" or a minimum GPA of 3.5;
OR
A Certificate in Law of the University of Dar es Salaam passed with distinction, provided that the applicant has passed five subjects at the Certificate of Secondary Education Examination (CSEE) level three of which must be credit passes (i.e. 'C' grade or above).
NB: On completion of the 4 years at UDSM, students are required to proceed to internship or any other practical training programmes the Government may have put in place for law graduates.

Bachelor of Arts in Law Enforcement
(i)   Direct Entry (Form VI) Qualifications
Two principal passes in any Arts, Business or Science subjects.
(ii)   An applicant without principal passes in History and English **must** have at least subsidiary passes or a minimum of "**C**" grade in History and English at O-Level Equivalent Qualifications
Diploma in Law or any Diploma in a discipline relevant to Law Enforcement with an average of "B+" or a minimum GPA of 3.5; OR

A Certificate in Law of the University of Dar es Salaam passed with distinction, provided that the applicant has passed five subjects at the Certificate of Secondary Education Examination (CSEE) level three of which must be credit passes (i.e. 'C' grade or above).

SCHOOL OF JOURNALISM AND MASS COMMUNICATION (SJMC)
Bachelor of Arts in Journalism; Bachelor of Arts in Mass Communication and Bachelor of Arts in Public Relations and Advertising
(i) Direct Entry (Form VI) Qualifications
    Two Principal level passes at C grade or higher and a credit pass in English at CSEE
(ii) Equivalent Qualifications
    Diploma in Journalism, Media Production, Media Studies, Mass Communication with GPA not less than 3.5 or B grade or Distinction

MBEYA COLLEGE OF HEALTH AND ALLIED SCIENCES (MCHAS)
Doctor of Medicine
(i) Direct Entry (Form VI) Qualifications
    Three principal passes at A-level in the following subjects. Chemistry, Biology and Physics with a minimum of D grade. Preference will be given to applicants with "B" Grade or above in Chemistry or Biology in that order. Candidate with "D" in Physics/Mathematics at A-level provided they have "B" or higher in Chemistry or Biology
(ii) Equivalent Qualifications
    Diploma in Clinical Medicine with a GPA of not less than 3.5 from an institution approved by Senate. Principal passes at any grade in Physics/Mathematics, Chemistry or Biology at "A" level will be an added advantage

Doctor of Dental Surgery
(i) Direct Entry (Form VI) Qualifications
    Three principal passes at "C" grade or higher at A-level in the following subjects. Chemistry, Biology and Physics/Mathematics. Preference will be given to applicants with "B" Grade or above in Chemistry or Biology in that order. Candidate with "D" in Physics/Mathematics at A-level provided they have "B" or higher in Chemistry or Biology
(ii) Equivalent Qualifications
    Diploma in Dental Health Sciences with a GPA not less than 3.5 from an institution approved by Senate. Principal passes at any grade in Physics/Mathematics, Chemistry or Biology at "A" level will be an added advantage

DAR ES SALAAM UNIVERSITY COLLEGE OF EDUCATION (DUCE)
Bachelor of Arts with Education
Same qualifications as appearing under the College of Arts and Social Sciences

Bachelor of Science with Education
Same qualifications as appearing under the College of Natural and Applied Sciences

Bachelor of Education (Arts)
(i) Direct Entry (Form VI) Qualifications
    Two or more Principal level passes in two arts teaching subjects
(ii) Equivalent Qualifications
    An appropriate equivalent Diploma in Education with an overall grade of 'B+' or possession of an Adult Education Diploma from the Institute of Adult Education, Dar es Salaam or Agency for the Development of Educational Management (ADEM) Institute, Bagamoyo with passes at an overall grade of 'B+' or better. Passes in Teaching Methodology courses will not be considered.

Bachelor of Education (Science)
(i) Direct Entry (Form VI) Qualifications
    Two principal level passes at A-Level in any of the following subjects: Physics, Chemistry, Mathematics and Biology

(ii)   Equivalent Qualifications
An appropriate Diploma in Education recognised by the UDSM Senate, with an overall grade of 'B'+ or better in science subjects. Passes in teaching methodology courses will not be considered.

Bachelor of Arts in Disaster Risk Management
(i)   Direct Entry (Form VI) Qualifications
Two principal passes at A - level in any of the following subjects: Geography, Economics, Biology, Chemistry, Physics, and Mathematics.
(ii)   Equivalent Qualifications
An appropriate equivalent qualifications Diploma in Agricultural Sciences, Land Use Planning, Cartography, Geographical Information Systems (GIS), Education (Geography and Science Subjects, Natural Resources), Statistics, Demography, Medical Certificates and other related Diploma Certificates as approved by UDSM senate with an average grade of 'B+' or higher.

MKWAWA UNIVERSITY COLLEGE OF EDUCATION (MUCE)
Bachelor of Arts with Education
Same qualifications as appearing under the College of Arts and Social Sciences

Bachelor of Science with Education
Same qualifications as appearing under the College of Natural and Applied Sciences

Bachelor of Education (Arts)
(i)   Direct Entry (Form VI) Qualifications
Two or more Principal level passes in two arts teaching subjects
(ii)   Equivalent Qualifications
An appropriate equivalent Diploma in Education with an overall grade of 'B+' or possession of an Adult Education Diploma from the Institute of Adult Education, Dar es Salaam or Agency for the Development of Educational Management (ADEM) Institute, Bagamoyo with passes at an overall grade of 'B+' or better. Passes in Teaching Methodology courses will not be considered.

Bachelor of Education (Science)
(i)   Direct Entry (Form VI) Qualifications
Two principal level passes at A-Level in any of the following subjects: Physics, Chemistry, Mathematics and Biology
(ii)   Equivalent Qualifications
An appropriate Diploma in Education recognised by the UDSM Senate, with an overall grade of 'B'+ or better in science subjects. Passes in teaching methodology courses will not be considered.

Bachelor of Science in Chemistry
(i)   Direct Entry (Form VI) Qualifications
Two Principal level passes in Chemistry and Biology, Physics, Mathematics or Geography
(ii)   Equivalent Qualifications
Diploma in Chemistry, Chemical Laboratory Technology, with GPA not less than 3.5 or B grade or distinction or B average for FTC

REGULATIONS ON STUDENTS CREDIT TRANSFER

1. **General Regulations**
   1.1 Student credit transfer is allowed between Universities only.
   1.2 Credit transfer applies to both undergraduate and postgraduate degree programmes.
   1.3 Credit transfer can only be allowed if such credits have been obtained within a period of not more than two years.
   1.4 Students discontinued from other universities are not allowed to transfer credits to the University of Dar es Salaam.
   1.5 Students will be required to undertake at least 2/3 of degree programme credits at UDSM. Maximum credit allowable for transfer, therefore, is 1/3 of the required credits of a UDSM degree programme.
   1.6 UDSM students on study-abroad programmes shall be allowed to transfer credits obtained from the other university to UDSM.

2. **Conditions Governing Credit Transfer from other Universities to UDSM**
   2.1 The Higher Education institution from which a student wants to transfer credit must be a University with full accreditation by a recognised body in the country assigned to deal with such matters and the accreditation status of the institution shall be independently verified by UDSM and the Tanzania Commission for Universities (TCU). If in doubt, UDSM reserves the right to give any applicant a performance verification test or reject the application.
   2.2 The applying student must have an active degree programme registration at his/her institution.
   2.3 The applicant's academic entry qualifications in the previous spective programme's cut-off point in the relevant year.

3. **Conditions Governing Credit Transfer from UDSM to other Universities will be governed by the regulations of the receiving University**

4. **Criteria for Establishing Equivalence of Courses**
   Courses can be judged to be equivalent to UDSM courses if they meet the following criteria:
   4.1 The course must be from a programme of the same level as that of UDSM i.e. Bachelors degree course for undergraduate degree courses. Courses at intermediate levels such as Advanced Diploma, or Higher Diploma levels are not acceptable.
   4.2 The course must have a theoretical component i.e. involving final examination, excluding clinical-based or practical only courses.
   4.3 Course content must be at least 75% similar to that of the UDSM course.
   4.4 The number of teaching hours used to cover the course must not be less than 75% of those used at UDSM.
   4.5 Once a course has been accepted as being equivalent to a UDSM course as per the criteria, the course shall be given the same number of credits as that of the course at UDSM regardless of the credits in the other University.

5. **Rules for Conversion of Grades**
   5.1 Conversion of grades shall be done by anchoring the pass mark of the other university to that of UDSM and accordingly determining the range of marks in the other University for the UDSM grades.
   5.2 In the case where only grades (and not scored marks) are available, the lower equivalent grade shall be assumed.

6. **Procedures and Administration of Student Credit Transfer**

6.1 Applications for credit transfer should be submitted to the Deputy Vice Chancellor (Academic), in writing, and attaching copies of all required supporting documents.

6.2 All applications shall be scrutinized by relevant committees responsible for admission at the Department, School/ College and the Directorate of Undergraduate Studies levels before reaching Senate for approval.

6.3 Students transferring from other universities to UDSM shall apply for credit transfer at least three months before the beginning of the semester they want to join. Cases of UDSM's study-abroad students shall be dealt with on case by case basis.

6.4 Supporting documents for credit transfer application shall include the following:
   (a) Official transcript (to be sent by the other university)
   (b) Letter of introduction/recommendation from the previous university
   (c) Course description, catalogue or syllabus (to include number of hours of teaching, method of assessment and grading system)
   (d) An official translation of the original documents (in case of non-English documents)
   (e) Photo-attached personal identification documents e.g. Birth certificate, passport or ID
   (f) Certified copies of the original certificates used to gain admission into the previous university.

6.5 The following are reasons that shall be acceptable for credit transfer, in addition to meeting credit transfer criteria:
   (a) Courses not offered at the University of Registration (applies only for short-term transfers)
   (b) Illness (to be certified by UDSM medical officer in-charge)
   (c) Exchange programmes
   (d) Refugee situation
   (e) Returning resident

6.6 Credit transfer applicants must pay a non-refundable fee to be determined from time to time; however, UDSM students on study-abroad programmes need not pay such fees as they had already paid the fee when applying for admission into the University.

ADMISSION OF SHORT-TERM STUDENTS TO UNDERGRADUATE DEGREE COURSES

1. A short-term student is one, the duration of whose studentship at the University of Dar es Salaam is one academic year and who is not registered for the certificate, diploma or degree course of the University.

2. Applications will only be considered from those candidates who possess the University of Dar es Salaam entrance qualifications or equivalent (B average) or higher qualifications for admission to the undergraduate degree course.

3. (a) The application must be submitted through the applicant's University/College to reach the Director of Undergraduate Studies at least two months before the beginning of the semester in which admission is being sought.
    (b) The applicant's University/College should, if it supports the application, send a letter of recommendation to this University.

4. Short-term students are required to register as students of the University for one full academic year to any year of study as long as they meet the prerequisites. As registered students, all regulations governing full time students will apply to them unless otherwise stated.

5. Non-Tanzanian students are expected to conform to all immigration formalities in force in their countries before they depart for Tanzania. They must also obtain a Resident Permit from the nearest Tanzanian Embassy or High Commission before they arrive.

6. Registration for all students, including short-term students, is in October/November of each year unless otherwise specified.

7. At the end of the academic year, they have to sit for University examinations. They may also sit for supplementary examinations in the courses they failed.

8. A short-term student may be discontinued on the following grounds: serious breach of University (including Examination) regulations, abscondment, and/or irregular attendance in classes.

9. Short-term students may transfer to a degree programme provided their performance is satisfactory and to be awarded a degree of this University must have done most of the work at least 2/3 of the requirements at the University of Dar es Salaam.

10. Short-term students may be allowed to change status of registration from audit to credit course by permission and subject to meeting other requirements or prerequisites.

11. Short-term students under special programmes will pay fees as prescribed in the terms governing the respective programmes while fees for other categories of short-term students will be paid proportionately as for regular students. Non- Tanzanian students will pay the fees in convertible foreign currency (e.g. US$, -, etc.).

ADMISSION OF OCCASIONAL STUDENTS TO UNDERGRADUATE DEGREE COURSES

1. An occasional student is one, the duration of whose studentship is less than one academic year. Occasional students should normally stay at the University for one or two semesters.

2. The entrance qualifications are the same as for admission to undergraduate degree course or equivalent.

3. (a) The application must be submitted through the applicant's University/College to reach the Director of Undergraduate Studies at least two months before the beginning of the semester in which admission is being sought.

   (b) The applications must be submitted through the applicant's University College which should, if it supports the application, send a letter of recommendation to this University.

4. Non - Tanzanian students are expected to conform to all immigration formalities in force in their countries before they depart for Tanzania. They must also obtain Resident Permit from the nearest Tanzania Embassy or High Commission before they arrive.

5. Admission is on a semester basis to any year of study.

6. Occasional students will neither sit for exams nor get transcripts or grades except in special circumstances or where regulations allow a special programme could be set up which is recognized by the University.

7. An occasional student will be discontinued on the following grounds: any serious breach of University regulations, abscondment, or irregular attendance.

8. Occasional students may be allowed to audit courses by permission.

9. Occasional students under special programmes will pay fees as prescribed in the terms governing the respective programmes while fees for other categories of occasional students will be paid proportionately as for regular students. Non-Tanzanian students will pay the fees in convertible foreign currency (e.g. US$).

All correspondences should be addressed to:
The Director of Undergraduate Studies
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Dar es Salaam, Tanzania
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GENERAL UNIVERSITY EXAMINATION REGULATIONS (GUER)

1. Registration for Examination

There shall be no special registration of candidates for examinations. Registration and payment to the University of all required or prescribed fees by a candidate for a course of study shall be deemed as adequate registration for the requisite examinations in the particular course of study.

2. Registration for Courses

2.1 All new full-time students shall register for courses at the beginning of the first semester of an academic year and continuing students shall register for courses at the end of an academic year for a total minimum of 60 course credits and a maximum of 72 course credits per semester in the academic year. Part-time students in a semester system shall register for a minimum of 48 credits and maximum of 96 credits per academic year.

2.1 The deadline for course registration for new students shall be the Friday of the second week after the beginning of the semester. Course registration at the beginning of the semester for continuing students shall only be allowed under special circumstances which prevented them from registering at the end of the year.

2.2 A student who has registered for a course but who wishes to withdraw from that course must apply to the Head/Dean/Director/Principal, as the case may be, of the unit hosting the programme through the Head of the course offering Department for permission to do so not later than Friday of the fourth teaching week of the semester. No student will be permitted to commence any course three weeks after the beginning of the semester or withdraw from any course four weeks after the beginning of the Semester.

3. Eligibility for Examinations

3.1 The Dean of a School, Principal of a College or the Director of a teaching Institute may bar any candidate from being admitted to any examination in any subject or course where the Dean, Principal or Director is not satisfied that the candidate has completed satisfactorily by attendance, performance or otherwise the requirements of the subject of course. Satisfactory attendance shall mean attending a minimum of 75% of the prescribed contact hours for the course.

3.2 Candidates are required to complete coursework before they can be allowed to sit for the University Examination.

3.3 Where a candidate who has been barred in accordance with paragraph 3.1 or 3.2 enters the examination room and sits for the paper, his/her results in the paper shall be declared null and void.

3.4 A candidate whose work or progress is considered unsatisfactory may be required by the Senate, on the recommendation of the appropriate College, School or Academic Institute Board, to withdraw from the University or to repeat any part of the course before admission to an examination. Failure in an examination, including a session or semester examination may be regarded as evidence of unsatisfactory progress.

3.5 Where a candidate who has not registered for studies or for a course sits for an examination, the examination results shall be nullified.

4. Absence from Examinations

4.1 A candidate who deliberately absents himself/herself from an examination or examinations without compelling reasons shall be deemed to have absconded the examination and shall be discontinued from the University.

4.2 A student who is required to sit for a special examination shall be assigned a "PEX" (Postponed Exam) grade and one who, for satisfactory reasons, has not completed his/her coursework shall be assigned an "I" (Incomplete) grade.

4.3   A student who has a "PEX" or "I" grade in a course during any academic year is required toclear the course examination during the time of special examinations for that academic year. Except with the approval of the respective College/School/Institute Board, a student whowill not clear any "PEX" or "I" grade at the time of special examinations will be considered to have absconded studies.

4.4   Postponement of examinations is granted to candidates who have been registered for studies in an academic year. A student is allowed to postpone a maximum of three examinations in an academic year, unless except for special circumstances as approved by the DVC-Academic.

5   Board of Examiners
5.1   Every University Examination shall be conducted by a Board of Examiners which shall consist of one or more examiners appointed from outside the University, in conjunction with one or more of the instructors of the candidates in the subjects under examination; except that, in the case of the re-examination of candidates who have failed in the ordinary University examination, all the examiners may be appointed from within the University, provided that at least one of them had no part in teaching the candidates the subject or subjects under examination.

5.2   Notwithstanding the provisions of sub-paragraph 5.1, University examinations conducted during and/or at the end of the First Semester may be conducted by internal examiners only, provided that:
(a) The relevant examination papers and answer scripts by candidates shall be submitted to external Examiners together with the papers and scripts of the Second Semester for moderation.
(b) The results of such examinations shall be published in terms of regulation 10.1 at the end of the First Semester.

5.3   External Examiners shall be entitled to such honoraria as the Council shall prescribe.

6   Form of Assessment and Examination
6.1   The Head of Department must make sure that students are made aware of all required evaluation procedures at the beginning of the course.

6.2   A candidate at any examination may, at the discretion of the Board of Examiners, be required to attend an oral examination in addition to written and practical examinations.

6.3   The percentages of the total marks awarded for written, practical and oral examinations inany subject or course shall be determined by the Senate, on the recommendations of the appropriate College, School or academic InstituteBoard.

6.4   Each course will be examined at the time of its completion and a grade awarded. The grade will be based on a final university examination and a course work assessment. The coursework assessment shall normally constitute 40% and final university examination 60% of the total course assessment. Coursework assessment for courses that are practical / methodology / research Laboratory / field based, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignments on which it is based shall be available for scrutiny by the External Examiner.

6.5   Assessment of the student's progress shall be based on the following grading system:

A	:	70 – 100 %	C	:	40 – 49 %
B+	:	60 – 69 %	D	:	35 – 39 %
B	:	50 – 59 %	E	:	0 – 34 %

The above range of marks being a result of rounding of all decimals of the marks.

6.6   The minimum passing grade shall be 'C'.

7   Dates of Examination
7.1   Examinations in all Colleges, Schools and academic Institutes shall be held at a time to be determined by Senate, which shall normally be at the end of each semester, subject to such exceptions as Senate may allow upon recommendation by a College, School or Academic Institute Board or a College Governing Board, as the case may be.

7.2   Candidates who are referred and are required to do supplementary examinations shall be re-examined in the referred subjects at a time to be determined by the Senate or in particular cases by the relevant College/School/ Institute Board, as the case may be, which shall not be less than one month after the ordinary examinations at the end of the second semester in the academic year.

7.3   A candidate who, for reasonable cause, was unable to present himself/herself in the ordinary examinations may, with the special permission of Senate or in that behalf the College/ School/Institute Board as the case may be, present himself/herself for examination at a time fixed for any supplementary examination.

8 Conduct of Examinations

8.1 University examinations shall be conducted under the control of the Deputy Vice Chancellor (DVC) in charge of academics, or such other officer of the University as the DVC in charge of academics may appoint.

8.2 The examiners for University examinations shall be appointed by the Senate, in the manner it shall prescribe.

8.3 The DVC in charge of academics shall have power to issue such instructions, notes or guidelines to candidates, invigilators and examiners of University examinations as he/she shall deem appropriate for the proper, efficient and effective conduct of such examinations.

8.4 The instructions, notes or guidelines issued by the DVC in charge of academics under regulation 8.3 shall form part of and be as binding as these Regulations.

8.5 Subject to approval by the Senate, the Board of each College, School and Academic Institute shall make such internal examination regulations as are necessary for the proper conduct, management and administration of examinations in accordance with the specific requirements of particular degree, diploma, certificate or other award programmes of the College, School or Academic Institute, as the case may be.

9 Examination Irregularities

9.1 All cases of alleged examination irregularities, including alleged unauthorized absence from examination, possession of unauthorized material in the examination room, causing disturbances in or near any examination room and any form of or kind of dishonesty, destruction or falsification of any evidence of irregularity or cheating in examination, shall be reported to the Senate Undergraduate Studies Committee or to a College Academic Board/ Committee, which Committee/Board shall have power to summon the students and members of staff of the University, as it deems necessary and make decisions, subject to confirmation by Senate.

9.2 No unauthorized materials shall be allowed into the examination room.

9.3 Subject to confirmation by Senate, any candidate found guilty of bringing unauthorized materials into the examination room in any part of the examination process shall be deemed to have committed an examination irregularity and shall be discontinued forthwith from studies in the University.

9.4 Any candidate found guilty of cheating in relation to any part of the examination process shall be deemed to have committed an examination irregularity and to have failed in the whole of that examination for that year and shall be discontinued from studies in the University, subject to confirmation by Senate.

9.5 Any candidate found guilty of causing disturbance in or near any examination room shall be deemed to have committed an examination irregularity and to have failed in the whole of that examination for that year and shall be discontinued from studies in the University, subject to confirmation by Senate.

9.6 Any candidate found guilty of commission of an examination irregularity and is aggrieved by the decision may appeal to the Senate in accordance with the provisions of regulation 18 of these Regulations.

9.7 In this regulation:

(a) "Unauthorized material" includes any written or printed material, functional or dysfunctional that is generally or specifically prohibited from being brought into the examination room, these include but not limited to cellular or mobile phones, smart watches, radios, radio cassette or other types of players, computers, soft drinks (except where water is permitted), electronic devices capable of transmitting information and alcoholic drinks and any other material as may be specified from time to time by the DVC in charge of academics, the Principal of College, Dean of a School, Director of an academic Institute or Head of an academic department;

(b) "Unauthorized absence from examination" includes going out of the examination room, temporarily or otherwise, or staying out of the examination room for an unduly long period, without authorization or permission of the invigilator or one of the invigilators for the examination in question; and

(c) "Cheating in examination" includes any form or kind of dishonesty or destruction or falsification of any evidence of irregularity.

9.8 The Senate may impose such a lesser penalty on a candidate found guilty of commission of an examination Irregularity, depending on the gravity of the facts or circumstances constituting the offence, as the Senate may deem appropriate.

10   Publication of Results

10.1   The provisional results of candidates in every examination, arranged in a manner as prescribed by Senate or, in that behalf, as provided under internal examination regulations of the relevant College, School or Academic Institute approved by Senate and not in conflict with these Regulations, shall be published by the Principal of the College or Dean/Director of the relevant School/Institute soon after the College, School or Academic Institute Board meeting but the results shall not be regarded as final until they are confirmed by Senate.

10.2   The results may be published on notice boards, newspapers, information systems or websites at the discretion of the relevant College/School/Institute. The anonymity of the student must be protected in publishing results e.g. using the student's registration number rather than names.

10.3   Examination results having been recommended by the College or School or an academic Institute Board to the Senate Undergraduate Studies Committee, the Committee shall approve the results and such approval shall have to be confirmed by the Senate.

10.4   Senate shall confirm the results of examinations for both Semesters at a time to be determined by Senate, which shall normally be at the end of the Second Semester.

10.5   Feedback on Coursework Assessment (CA) must be continuously provided to studentsand the cumulative CA marks must be shown to students before they sit for the University Examination. A copy of the students' CA marks must be submitted to the Head of Department at the same time.

11   Progress from Year to Year

11.1   Candidates who are full time students are required to pass a total minimum of 120 course credits in examinations in the academic year and attain a minimum overall GPA of 2.0 before proceeding to the following year of study.

11.2   A candidate may be allowed to re-sit failed courses in Supplementary Examinations if he or she has attained an overall GPA of 1.8 or above in the First Sitting calculated in accordance with the credit weighting of individual courses. The maximum grade obtainable in a Supplementary Examination shall be the minimum passing grade i.e. 'C'.

11.3   No candidate shall be allowed to repeat any year of study on academic grounds, except with special permission or approval of the Senate upon recommendation of a College, School or Academic Institute Board, and the Senate Undergraduate Studies Committee or a Constituent College Academic Board.

11.4   Carrying over of courses shall be guided by the following:

(a)   A candidate who scored an overall GPA pass mark of 2.0 or above after Supplementary Examination, may be allowed to carry over flexibly into the subsequent academic year such number of failed courses as are requisite for the fulfilment of the requirement of passing a total minimum number of course credits for the programme in compliance with regulation 11.8. The minimum overall GPA shall be calculated in accordance with the credits weighting of the individual courses.

(b)   Carrying over failed courses into subsequent years shall imply repeating the failed courses in the subsequent years by fulfilling all requirements of the course. The maximum grade for a carried over course shall be the minimum passing grade i.e. 'C'.

(d)   Carryover of elective courses will only be allowed in exceptional circumstances, normally only when those credits are needed to comply with regulation 11.8.

(e)   All carried over courses shall be cleared within the allowable maximum period of registration otherwise the student will be discontinued from studies. The maximum period of registration is five years for a programme that takes three years and six years for a four-year programme.

11.5   All candidates with pending supplementary or special examinations or with incomplete courses shall be evaluated assuming they would score the maximum attainable grade in the pending examinations and shall be discontinued from studies if they would not obtain the required minimum GPA.

11.6   A candidate with incomplete results for courses which could not be completed by the end of the year for acceptable reasons must complete the courses before he/she can be allowed to continue with studies of the following year.

11.7   Final year students who return to the University to clear a carryover or an incomplete shall pay tuition fees and relevant direct costs. Tuition fee shall be paid on a pro-rata basis depending on the number of course credits to be taken out of the annual 120 credits.

11.8   To qualify for a degree award, the cumulative total minimum number of course credits shall be a multiple of the minimum number of course credits required per academic year under regulation 11.1 for the duration of each degree programme. That is:

(a) For a three-year degree programme, such cumulative total minimum shall be 360 credits.
(b) For a four-year degree programme, it shall be 480 credits and
(c) For a five-year degree programme, it shall be 600 credits.

11.9 Provided that, subject to approval by the Senate, the internal examination regulations of a College, School or Academic Institute, shall provide for cumulative maximum number of course credits for which a candidate may register and take for credit.

12 Classification of Degrees

12.1 For purposes of the final classification of degrees and where applicable, a five-point system shall be used in averaging the final grades.

12.2 The letter grades will be assigned points as follows:

A	B+	B	C	D	E
5	4	3	2	1	0

12.3 Approved courses given for each degree shall be appropriately weighted in terms of credits.

12.4 To get the score for each course multiply the points, as in 12.2 by the weights, as in 12.3.

12.5 The total score for the degree shall be the total score for all countable courses constituting the minimum number of course credits for the degree, computed as in 12.4.

12.6 The Grade Point Average (GPA) for the degree shall be computed by dividing the total score in 12.5 by the total weight obtained under 12.3 and truncating down to one decimal point.

12.7 The final classification shall be as follows: First Class A (5.0-4.4); Upper Second Class B+ (4.3-3.5); Lower Second Class B (3.4-2.7); and Pass C (2.6-2.0).

12.8 Award of Honours Degree:
A degree with honours shall be awarded to a candidate obtaining a First or Second class upper division where the candidate has passed all examinations at first sitting; without supplementary examination or carry over in any particular academic year.

13 Classification of Diplomas

13.1 No diploma of the University shall be classified except with the special permission of Senate and recommendations of the Board of a relevant College, School or Academic Institute.

13.2 Where the Senate grants special permission for classification of a diploma, the provisions of regulation 12 shall apply subject to such necessary modifications, variations and conditions as the Senate may impose or prescribe.

14 Classification of Certificates

No certificate of the University shall be classified except with the special permission of Senate and upon recommendations of the Board of relevant College, School or Academic Institute and subject to such terms and conditions as the Senate may prescribe.

15 Award

15.1 The Board of Examiners in a College, School or Academic Institute, upon its satisfaction that the standard required under relevant regulations for the award of a degree, diploma, certificate or other award, as the case may be, has been attained by a candidate in University examinations applicable to him/her, may recommend to Senate through the relevant Board of a College, School or Academic Institute that such degree, diploma, certificate or other award be conferred upon or granted to such successful candidate.

15.2 The Senate may confer degrees and grant diplomas, certificates or other awards of the University on or to candidates who satisfy and are recommended in accordance with regulation 15.1 for such conferment or grant by, the Board of Examiners in a College, School or Academic Institute.

16 Certificates, Certification and Transcripts

16.1 The Senate shall issue certificates for degrees, diplomas, certificates or other award to such candidates as shall be declared to have satisfied the appropriate Board of Examiners and shall have been recommended to and approved by the Senate for the conferment or grant of such degree, diploma, certificate or other award.

16.2 A certificate shall be issued only once for the same degree or award.

16.3 Upon application for a transcript, a student or former student shall be given a transcript of his/her academic performance record. The transcript shall be charged a fee as the Council may from time to

time prescribe. Any finalist student desirous of obtaining a transcript(s) shall submit an application for a transcript(s), a clearance form and one passport size photograph for the preparation of transcript(s).

16.4   The final grades of all courses taken by a student shall be entered in the transcript.

16.5   A student is required to verify the grades/information on his/her transcript/certificate before accepting it. Once taken, no certificate/transcript shall be returned for correction.

16.6   A fee payable as Council may from time to time prescribe shall be charged for certifying each copy of a degree certificate and academic transcript.

17   Loss of Certificate

In case of loss or total or partial destruction of the original certificate or a copy thereof, the final grades of all courses taken by a student shall be entered in the transcript. University (Office of the DVC in charge of academics or such other office as the DVC in charge of academics may authorise in writing) may issue a copy or another copy on condition that:

(a)   The applicant produces a sworn affidavit.

(b)   The certificate so issued shall be marked "COPY" across it.

(c)   The replacement certificate will not be issued until a period of 12 months from the dateof such loss has elapsed; except that such replacement may be issued within a shorter period where there has been partial destruction of the original certificate or of a copy thereof.

(d)   The applicant must produce evidence that the loss has been adequately publicly announced with a view to its recovery in an officially recognized form or manner in the applicant's home country or where the loss is believed to have taken place.

(e)   A fee as may be prescribed from time to time by Council shall be charged for the copy of certificate issued.

18   Appeals

18.1   Except where unfair marking, wrongful computation of marks or grades or other like irregularity committed in the conduct of any University examination is alleged, no appeal shall lie in respect of any such examination on any other ground.

18.2   Any appeals made under regulation 18.1 shall be lodged with the Board of the appellant's College, School or Academic Institute, which shall forward the appeal with observations to the Senate Undergraduate Studies Committee, whose observations and recommendation will be forwarded to Senate for approval.

18.3   Any student or candidate aggrieved by a decision of the Senate in terms of the provisions of regulation 9.4 may appeal to Senate for reversal or moderation of the decision.

18.4   Any member of the appellant's College, School or Academic Institute Board who participated in the making of the decision against which the appeal is lodged shall not have a voting right in the Senate over such an appeal and may participate therein only in terms of presentation of findings and recommendation of the appellant's College, School or Academic Institute Board or answering queries, as the case may be, and shall otherwise be absent from the Senate session considering any such appeal.

18.5   Appeals made under regulation 18.3 shall be lodged directly with the DVC in charge of academics who shall forward them to the Senate with observations and recommendations thereon.

18.6   Any person who has been involved at any stage in the processing of a case of alleged commission of an examination irregularity, whether at first instance or in preparation for the appeal, shall be barred from participation in the making of a decision over such a case, except for purposes of making a presentation of findings or recommendations or answering queries, as the case may be, in respect thereof and shall otherwise be absent from the Senate session considering any such appeal.

18.7   No appeal pertaining to the conduct of any University examination and the marking of scripts thereof shall be entertained unless an appeal is lodged with the appropriate University authorities in accordance with these regulations within one year from the date of publication of the results by or under the authority of the Senate.

18.8   No appeal will be considered where:

(a)   The candidate appeals for re-marking of examination script but fails to establish reasonable grounds for prejudice, incompetence, or lack of integrity on the part of the internal examiner;

(b) It rises for the first time issues concerning the supervision, teaching or coursework assessment. Such matters will only be considered if they have been raised by the student promptly and in writing, at the time they first arose; or

(c) A student alleges illness or other factors but where s/he had an opportunity to postpone studies or examination(s) but voluntarily opted not to take that opportunity.

18.9 False claims of illness and/or the submission of false supporting medical or other documentation constitute an academic offence that will result in discontinuation from studies.

18.10 All appeals in an academic year shall be lodged soon after Senate's approval of results at the end of the academic year and shall be decided upon only once at the Senate schedule for the appeals.

18.11 A student may appeal to the Chairman of Senate against the decision of the Senate on his/ her appeal by lodging the appeal through the DVC in charge of academics. Such an appeal shall only be entertained if it had at first been rejected by Senate and if the student presents new developments and/or grounds that were not and could not be made available to Senate.

18.12 The Chairman of Senate's decision on an appeal, which shall be reported to Senate, shall be final and conclusive and no further appeal shall be entertained regarding the same issue.

19 Appeal Fee

19.1 All appeals shall be accompanied by an appeal fee charged per decision or subject as the Council may from time to time prescribe.

19.2 The appeal fee shall not be reimbursed.

19.3 The same rates or any other rates as approved by relevant organs shall be charged for any further appeal decisions.

20 Disposal of Examination Answer Books and Other Scripts

20.1 Unless otherwise retained by UDSM Library for archival purposes, all used examination answer books can be destroyed after the expiry of 13 months following final decision of Senate on the examination concerned.

20.2 Heads of Departments concerned shall, with respect to examination answer books falling under their departments:

(a) Create and maintain adequate records of actions and transactions affecting examination answer books, ensure that those records are properly maintained while waiting for any appeal or final disposal;

(b) initiate the disposal procedures of those examination answer books for which there is no further need;

(c) initiate disposal of used examination answer books that have been stored by their departments for more than 13 months following respective Senate decision;

(d) identify and safeguard those examination answer books which are of enduring value and which should be preserved as archives and made available to the Library for research and public consultation;

(e) assist the UDSM Library in selecting examination answer books designated for archiving purposes;

(f) seek expertise from UDSM Library to assist in the sampling answer books ear-marked for archiving;

(g) designate a place or room as storage area for examination answer books awaiting appeals or final disposal;

(h) seek permission from the Vice Chancellor to dispose the examination answer books through Principals/Deans/Directors, Director of Undergraduate Studies and DVC in charge of academics. The request shall indicate the courses (including the sat session and academic year) whose scripts are to be destroyed; and

(i) witness and keep close control over final disposal of examination answer books to ensure the confidential nature of contents of answer books remain in violate.

20.3 Pending final disposal, Heads of Departments shall ensure all information contained in examination answer books remain inviolate and is protected from misuse or abuse.

20.4 (a) Respective College, School or academic Institute Boards shall be responsible for prescribing under their special regulations clear guidelines for returning to the students graded courses, assignments, course essays, term papers and timed essays.

(b) Unless otherwise retained for archival purposes, Departments shall also initiate the final disposal of such other examination scripts as essays, objective question papers, Laboratory works, models, studio papers or drawings that have been in retention or storage for the previous 13 months.

20.5 (a) The DVC in charge of academics shall cause to be prepared a disposal and storage budget and designate the cartons of various sizes or descriptions which shall be used by Heads of Departments for 13 months storage of examination answer books pending final disposal.

(b) The cartons prescribed under sub-paragraph (a) above shall be so marked or labelled as to facilitate identification of the course, examination date, date of Senate decision, course coordinator and date when final disposal shall be due.

20.6 The UDSM Library shall keep; maintain in any format including electronic, all answer books selected by departments and sent to the Library for archival purposes.

20.7 (a) The DVC in charge of academics shall select and announce the best available practice in disposing of the examination answer books due for disposal;

(b) Depending on such pertaining circumstances as privacy of information contained, cost involved and environmental considerations, the DVC in charge of academics may with respect to any batch due for disposal, direct:

(i) the disposal by shredding and then disposed of by either burning or selling to recycling companies to be reused in producing other paper materials; or

(ii) used examination papers be entirely burnt to completion.

20.8 The Vice Chancellor on recommendation of the DVC in charge of academics shall be the principal executive officer responsible to order final disposal of any batch of examination answer books.

20.9 (a) Heads of Departments shall witness final disposal of itemized examination answer books and signify the disposal.

(b) The report of Heads of Departments to the DVC in charge of academics through respective Principals/ Deans/Directors on disposal of examination answer books shall be accompanied with list of courses (including the sat session and academic year) whose scripts were destroyed.

21   Instructions to Candidates

21.1 These instructions should be read together with the above University regulations.

21.2 All students sitting for examinations shall be in possession of a valid Student ID card, which is to be placed on the top right-hand corner of the desk throughout the examinations for Invigilators to check. Students without their ID card shall not be permitted an entry to the examination room.

21.3 Candidates must acquaint themselves with the seating arrangement for their respective examinations in advance.

21.4 Candidates are advised to be at the examination centre at least fifteen minutes before the commencement of the examinations.

21.5 Candidates will be admitted by the invigilator to the examination room ten minutes before the time the examination is due to begin. Papers will be placed ready on the desks before they enter. They must not begin writing before they are told to do so by the Senior Invigilator. Where large numbers of candidates are affected, invigilators may admit candidates to the examination room fifteen minutes in advance. During these ten minutes the Senior Invigilator will:

(a) make an announcement to the effect that all unauthorized materials should be removed from the examination room;

(b) make an announcement to the effect that candidates should satisfy themselves that they are in possession of the correct paper;

(c) call attention to any rubric at the head of the paper which seems to require attention; and

(d) announce that both sides of the paper must be used. He/she will then tell students when they may begin writing. Candidates will be given a maximum of ten minutes to read the paper.

21.6 Candidates are not allowed to borrow or exchange items such as rulers, pens, pencils and calculators during the examination.

21.7 Candidates are permitted to do rough work on the scripts on the understanding that this is crossed through at the end of the examination.

21.8 Students who wish to leave the venue during an examination session must:

(a) first ensure that the answer book(s) and papers bear their registration numbers, degree programme and course code (even if no attempt has been made to answer any question); and

(b) raise a hand and wait for an invigilator; and leave only when the invigilator has signified his/her assent and accompanies the student.

21.9 No books, bags or attached cases may be taken by candidates into the room. Candidates are not normally allowed to use their own logarithmic tables. Candidates' attention is specifically drawn to General University Examination Regulation No. 9.1 to 9.3. Students should bring only permitted items to the examination, the University assumes no responsibility for personal property lost in or near any examination room.

21.10 Once a student is found with unauthorized materials, he/she should sign on the materials to confirm they are his or hers.

21.11 No candidate will be permitted to enter the examination room after the lapse of thirty minutes from the commencement of the examination and no candidate will be permitte to leave the examination room until thirty minutes have expired.

21.12 A student denied admission to the examination under regulations 21.2 and 21.11 may apply to the College/ School/Institute for a special university examination; such application shall, however, be subject to scrutiny of the veracity of the claim.

21.13 At the end of the examination period, and on instructions from the Invigilator, candidates must stop writing and assemble their scripts, which they should personally hand to the invigilator unless instructed otherwise. Candidates must remain seated till the Invigilator tells them to leave the room. Apart from the examination paper, candidates are not allowed to take any examination material out of the examination room.

22 Notes to Invigilators Before the Examination

22.1 University Examinations shall be invigilated by persons other than course instructor. Course instructors shall only be allowed in the examination room in the first ten minutes to provide clarifications on the examination questions, if any.

22.2 Invigilators should be present in the examination room at least twenty minutes before the commencement of the examination.

22.3 Invigilators will be provided with the following items by the Departmental (School for non-departmentalised schools) Examinations Officer:

(a) The question papers to be attempted by candidates.

Note: Sealed envelopes containing question papers must be personally collected by each invigilator from the said Examinations Officer at least twenty minutes before the examination. All invigilators who have reported to the Examinations Officer within this period should immediately proceed to their respective examination room.

(b) A list showing the names of the papers to be attempted in the room (This will be distributed to invigilators in advance).

22.4 Invigilators must ensure that ONLY ONE answer book is provided for each candidate unless the rubric on the question paper requires otherwise. The answer book must be filled before any additional paper is provided.

22.5 Question papers and any other material prescribed in the rubric (e.g. log-tables, charts etc.) should be set out by the invigilator with the help of the Internal Examiner

22.6 Candidates must write their registration numbers and degree programmes on the coverpage of the answer book before they start to write the examination.

22.7 Food, drinks (except where water is permitted - see below), cigarettes, laptops, recording or playback devices, and other electronic communication devices such as a cell or smartphones, bags, purses, hats, books attached cases, papers and other related items are not permitted in the examination room. The University assumes no responsibility for personal property lost in or near any examination room.

22.8   Students with approved health conditions may bring (transparent) bottled water into the examination room. Such students will have to be seated away from other students to avoid accidental spillage.

22.9   Invigilators should admit candidates to the examination room ten minutes before the commencement of the examination and they should ensure that they take the right places. Where big numbers of candidates are involved, invigilators may admit candidates to the examination room fifteen minutes in advance.

*   Invigilators are requested to stick to this arrangement. During these ten minutes, the invigilator should:
   (a)   make an announcement to the effect that unauthorized materials are not allowed in the examination room;
   (b)   make an announcement to the effect that candidates should satisfy themselves that they are in possession of the correct paper;
   (c)   call attention to any rubric at the head of the paper which seems to require attention; and
   (d)   Announce that, where this is practicable, both sides of the paper must be used. He/she should then tell students when they may begin writing. Candidates will normally be allowed a maximum of ten minutes to read the paper.

22.10   It is mandatory for all students sitting examinations to be in possession of a valid Student ID card, which is to be placed on the top right-hand corner of the desk throughout the examination for Invigilators to check. Students without their ID card shall not be permitted entry to the examination room, and shall be directed to the ID Office to obtain a valid ID card.

22.11   Invigilators should not admit candidates to the examination room after half an hour from the commencement of the examination and should not permit them to leave the room until thirty minutes have expired.

During the Examination

22.12   At the commencement of the examination, invigilators should remind candidates to ensure that they are attempting the right examination paper.

22.13   At the end of the first half hour the total numbers present should be noted down. Invigilators should then collect the blank answer-books from all vacant places. Spare question papers should be returned to the correct envelopes for collection by the Internal Examiner. It is at this time that candidates should start to sign the examination attendance sheet. During the exercise, invigilators should also make sure that the photo on the candidate's ID card matches the candidate's face and that the registration number on the ID card is the same as the one written on the answer book.

22.14   Invigilators should minimize announcements during the examination.

22.15   An invigilator shall not allow candidates to borrow or exchange items such as rulers, pens, pencils and calculators during the examination.

22.16   During the examination, invigilators should ensure that candidates are provided with any additional requirements (e.g. scripts, blotting-paper, log-tables etc.). All rough work must be done in the Answer Book and crossed through.

22.17   No candidate should be permitted to leave his/her place during the examination except to leave the examination room.

22.18   A candidate may, with the permission of the Invigilator, leave the examination room briefly only if accompanied by an assigned assistant Invigilator. Candidates will not be readmitted to the examination room after they have left the examination room unless, during the full period of their absence, they have been under approved super vision.

22.19   Permission to leave the examination room shall be granted in exceptional circumstances as invigilators are expected to remind candidates to go for short calls before they enter the examination room.

22.20   A candidate who contravenes the regulations and instructions governing the examinations, especially by unfair practices such as copying from or communicating with other candidates shall be reported immediately to the Examinations Officer.

22.21   Once a student is found with unauthorized materials, the invigilator should ask the student to sign on the materials to confirm that they are his/hers. PROVIDED that where a candidate/student refuses to sign on the material, the examination officer shall request another invigilator to witness and counter sign stating the candidate has refused to sign the material.

22.22   The candidate shall be informed that he/she has contravened the regulations and that he/she has been reported, but shall not be prevented from continuing with his/her paper. A written report

must be sent to the Head of Department, through the Examinations Officer, including full details of the contravention. It is part of the invigilator's duty to move about the examination room as quietly as possible at frequent intervals.

22.23 Invigilators shall have the power to confiscate any unauthorized book, manuscript or other aid brought into the examination room and to expel from the examination room any candidate who creates a disturbance. They shall report to the Examinations Officer any case of a candidate suspected of giving or obtaining unauthorized assistance or of attempting to do so, and that officer shall have power to take any further steps he/she may consider necessary. He/she shall then report the matter to the DVC in charge of academics.

22.24 Cases of illness during examination should be reported to the Examination Officers as soon as possible for assistance.

At the End of the Examination

22.25 Invigilators shall not permit candidates to leave their places before their scripts have been collected. Candidates who wish to leave the examination room before the end of the examination shall hand over their scripts to the invigilator before leaving the examination room. At ten minutes before the conclusion of the examination period, the Invigilator shall announce the time remaining. Candidates may not leave their seats in the examination room after this time (except in case of emergency) until all papers have been collected. At the end of the examination period, invigilators shall instruct the candidates to stop writing and then collect all the scripts.

22.26 Invigilators shall enter the number of examination scripts collected from the candidates on the attendance sheet provided by the Examination Officer at the time of collecting the examination papers. Invigilators shall sign the said attendance sheet before they handover all the scripts to the Internal Examiners (or their deputies) that must be present inthe examination room at the end of the examination. On receipt of the scripts, Internal Examiners will check them and countersign on the collection form. The attendance sheets must be handed to the Examinations Officer at the end of each session.

22.27 Invigilators shall hand over all extra examination papers and answer books to the Head ofthe relevant Department.

23. General Notes and Instructions

23.1 Internal Examiners (or their deputies) are required to attend in the examination room sat the commencement of each period to assist the invigilators and to collect the scripts. Instructions, which the examiners (or their deputies) may wish to be given, should be announced by the invigilators.

23.2 The Use of Calculators in Examinations:

(a) Any calculator permitted to be taken into an examination must be hand-held, self-powered and noiseless. It must not make use of an audible alarm or facilitiesfor 'wireless' transmission or reception of information.

(b) For examinations with College/School/Institute approved (standard) calculators, the examination invigilator will ensure that only the specified calculator is used for the examination; otherwise the instructors are responsible for ensuring that only the calculators they have specified are brought into the examination room.

(c) If a range of calculators is allowed in a test or examination, consideration be given to ensure fairness by setting a test or examination which takes into account the differing capabilities of thecalculators.

23.3 "Examinations Officer" includes the Examination Officer'sdeputies.

BURSARIES AND FEES

At the beginning of the academic year, all students will be required to produce evidence of sposorship by the Government or any other organizations, otherwise they will be expected to pay full tuition and University fees (or the portion not covered by the sponsor) by the beginning of the term/semester before they can be permitted to use the University facilities. All local payments for fees should be paid by using control numbers obtained through the University Students' Academic Registration Infromation System (ARIS) accounts. Payment using the control numbers can be made at the nearest bank or mobile money. All payments must be receipted.

Tuition Fees for Tanzanians and International Students

S/N	Programme	Tanzanians (TZS)	International Students (USD)
College of Information and Communication Technologies			
1	Bachelor of Science in Electronic Science and Communication	1,300,000	2,700
3	Bachelor of Science in Computer Science	1,500,000	3,500
4	Bachelor of Science in Computer Engineering and Information Technology	1,500,000	3,500
5	Bachelor of Science in Telecommunication Engineering	1,500,000	3,500
6	Bachelor of Science in Electronics Engineering	1,500,000	3,500
7	Bachelor of Science in Business Information Technology	1,500,000	3,500
College of Humanities			
1	Bachelor of Arts in Education (Shared with CoSS)	1,000,000	2,100
2	Bachelor of Arts in Heritage Management	1,000,000	2,100
3	Bachelor of Arts in Language Studies	1,000,000	2,100
4	Bachelor of Arts in Archaeology	1,300,000	2,700
5	Bachelor of Arts Literature	1,000,000	2,100
6	Bachelor of Arts History	1,000,000	2,100
7	Bachelor of Arts Philosophy and Ethics	1,000,000	2,100
8	Bachelor of Arts in Archaeology and History	1,300,000	2,700
9	Bachelor of Arts in Music	1,000,000	2,100
10	Bachelor of Arts in Film and Television	1,000,000	2,100
11	Bachelor of Arts in Art and Design	1,000,000	2,100
12	Bachelor of Arts in Theatre Arts	1,000,000	2,100
13	Bachelor of Arts in History and Political Science	1,300,000	2,700
14	Bachelor of Arts in Archaeology and Geography	1,300,000	2,700
15	Bachelor of Arts with Education (Chinese and English Language)	1,000,000	2,100
16	Bachelor of Arts in Diplomatic and Military History	1,300,000	2,700
17	Bachelor of Arts in Communication Studies	1,300,000	2,700
College of Social Sciences			
1	Bachelor of Arts in Statistics	1,300,000	2,700
2	B. A. in Geography and Environmental Studies	1,300,000	2,700

S/N	Programme	Tanzanians (TZS)	International Students (USD)
3	B.A in Political Science and Public Administration	1,300,000	2,700
4	Bachelor of Arts in Sociology	1,300,000	2,700
5	Bachelor of Arts in Psychology	1,000,000	2,100
6	Bachelor of Arts in Social Work	1,300,000	2,700
7	Bachelor of Arts Anthropology	1,000,000	2,100
8	B.A in Library Information Studies	1,300,000	2,700
College of Natural and Applied Sciences			
1	Bachelor of Science in Chemistry	1,300,000	2,700
2	Bachelor of Science in Molecular Biology and Biotechnology	1,300,000	2,700
3	Bachelor of Science in Wildlife Science and Conservation	1,300,000	2,700
4	Bachelor of Science with Education	1,300,000	2,700
5	Bachelor of Science in Actuarial Sciences	1,300,000	2,700
6	Bachelor of Science in Applied Zoology	1,300,000	2,700
7	Bachelor of Science in Microbiology	1,300,000	2,700
8	Bachelor of Science in Meteorology	1,300,000	2,700
9	Bachelor of Science in Petroleum Chemistry	1,300,000	2,700
10	Bachelor of Science and Mathematics and Statistics	1,300,000	2,700
11	Bachelor of Science in Chemistry and Physics	1,300,000	2,700
12	Bachelor of Science in Applied Microbiology and Chemistry	1,300,000	2,700
College of Engineering and Technology			
1	Bachelor of Architecture	1,300,000	2,700
2	Bachelor of Science in Civil Engineering	1,300,000	2,700
3	Bachelor of Science in Electrical Engineering	1,300,000	2,700
4	Bachelor of Science in Chemical and Process Engineering	1,300,000	2,700
5	Bachelor of Science in Mechanical Engineering	1,300,000	2,700
6	Bachelor of Science in Industrial Engineering	1,300,000	2,700
7	Bachelor of Science in Petroleum Engineering	1,300,000	2,700
8	Bachelor of Science in Textile Design and Technology	1,300,000	2,700
9	Bachelor of Science in Textile Engineering	1,300,000	2,700
10	Bachelor of Science in Geomatics	1,100,000	2,700

S/N	Programme	Tanzanians (TZS)	International Students (USD)
11	Bachelor of Science in Quantity Surveying	1,100,000	2,700
College of Agricultural Sciences and Food Technology			
1	Bachelor of Science in Food Science and Technology	1,300,000	2,700
2	Bachelor of Science in Beekeeping Science and Technology	1,300,000	2,700
3	Bachelor of Science in Agricultural Natural Resources Economics and Business	1,300,000	2,700
4	Bachelor of Science in Crop Science and Technology	1,300,000	2,700
5	Bachelor of Science in Agricultural Engineering and Mechanization	1,300,000	2,700
Mbeya University College of Health and Allied Sciences			
1	Doctor of Medicine	1,800,000	5,672
School of Education			
1	Bachelor of Education in Early Childhood Education	1,000,000	2,100
2	Bachelor of Education in Adult and Community Education	1,000,000	2,100
3	Bachelor of Education in Commerce	1,000,000	2,100
4	Bachelor of Education in Physical Education and Sport Sciences	1,000,000	2,100
5	Bachelor of Education in Psychology	1,000,000	2,100
6	Bachelor of Arts in Gender Studies and Community Development	1,000,000	2,100
UDSM Business School			
1	Bachelor of Commerce in Tourism Management	1,300,000	2,700
2	Bachelor of Business Administration (Evening)	1,300,000	2,700
3	Bachelor of Commerce in Human Resources Management	1,300,000	2,700
4	Bachelor of Commerce in Marketing	1,300,000	2,700
5	Bachelor of Commerce in Finance	1,300,000	2,700
6	Bachelor of Commerce in Banking and Financial Services	1,300,000	2,700
7	Bachelor of Commerce in Accounting	1,500,000	3,500
UDSM School of Law			
1	Bachelor of Arts in Law Enforcement	1,300,000	2,700
2	Bachelor of Laws (LLB)	1,500,000	3,500
School of Journalism and Mass Communication			
1	Bachelor of Arts in Journalism	1,300,000	2,700
2	Bachelor of Arts in Mass Communication	1,300,000	2,700

S/N	Programme	Tanzanians (TZS)	International Students (USD)
3	Bachelor of Arts in Public Relations and Advertising	1,300,000	2,700
School of Aquatic Sciences and Fisheries Technology			
1	Bachelor of Science in Aquatic Sciences and Fisheries	1,300,000	2,700
UDSM School of Economics			
1	Bachelor of Arts in Economics	1,300,000	2,700
2	Bachelor of Arts in Economics and Statistics	1,300,000	2,700
School of Mines and Geosciences			
1	Bachelor of Science in Geology and Geothermal Resources	1,300,000	2,700
2	Bachelor of Science in Geology	1,300,000	2,700
3	Bachelor of Science in Petroleum Geology	1,300,000	2,700
4	Bachelor of Science in Mining Engineering	1,300,000	2,700
5	Bachelor of Science in Metallurgy and Mineral Processing	1,300,000	2,700
6	Bachelor of Science in Engineering Geology	1,300,000	2,700
7	Bachelor of Science with Geology	1,300,000	2,700
Institute of Kiswahili Studies			
1	Bachelor of Arts in Kiswahili	1,000,000	2,100
Institute of Development Studies			
1	Bachelor of Arts in Development Studies	1,000,000	2,100
Institute of Marine Sciences			
1	Bachelor of Science in Marine Sciences	1,300,000	2,700
Dar es Salaam University College of Education			
1	Bachelor of Education in Arts	1,000,000	2,100
2	Bachelor of Arts with Education	1,000,000	2,100
3	Bachelor of Education in Science	1,300,000	2,700
4	Bachelor of Science with Education	1,300,000	2,700
5	Bachelor of Arts in Disaster Risk Management	1,300,000	2,700
Mkwawa University College of Education			
1	Bachelor of Education in Arts	1,000,000	2,100
2	Bachelor of Arts with Education	1,000,000	2,100
3	Bachelor of Education in Science	1,300,000	2,700
4	Bachelor of Science with Education	1,300,000	2,700
5	Bachelor of Science in Chemistry	1,300,000	2,700

Key to abbreviations used in this prospectus

CoSS	College of Social Sciences
CoHU	College of Humanities
SJMC	School of Journalism and Mass Communication
UDBS	University of Dar es Salaam Business School
SoAF	School of Aquatic Sciences and Fisheries Technology
SoED	School of Education
SoMG	School of Mines and Geosciences
CoET	College of Engineering and Technology
UDSE	University of Salaam School of Economics
UDSoL	University of Dar es Salaam School of Law
MCHAS	Mbeya College of Health and Allied Sciences
CoAF	College of Agricultural Sciences and Food Technology
CoNAS	College of Natural and Applied Sciences
CoICT	College of Information and Communication Technologies
DUCE	Dar es Salaam University College of Education
MUCE	Mkwawa University College of Education
IKS	Institute of Kiswahili Studies
IMS	Institute of Marine Sciences
IDS	Institute of Development Studies
IGS	Institute of Gender Studies
UDSM - MRI	University of Dar es Salaam Mineral Resources Institute
Library	University of Dar es Salaam Library

In addition to the tuition fee each student (regardless of sponsorship or the Means Testing Grade) MUST pay the following approved Direct University Costs:

Direct University Costs (Payable to the University)

Item	Cost	
	Tanzanians (TZS)	**Non-Tanzanians (USD)**
ID fee	5,000	5
Registration (once)	5,000	100
Examination Fee	12,000	120
Medical Capitation Fees	50,400	125
Student Union Fee	5,000	15
TCU Quality Assurance Cost	20,000	10
Total	**97,400**	**375**

Direct Students' Costs (Payable Directly to Students)

Item	Cost (TZS)
Books and Stationery Allowance*	200,000
Meal and Accommodation Allowance*	2,099,000
Total	**2,299,000**

*Advisory only, more may be required; paid annually

In addition, students are required to have sufficient funds to cater for special College/School requirements. Such requirements may be in the form of boots, overalls, compass set, drawing board, track suits, gloves, masks etc. as well as funds for industrial/practical training or teaching practice depending on the programme. Applicants are urged to consult the latest University prospectus for specific requirements by their Colleges/Schools or consult the Colleges/ Schools for more details, including indicative cost implication. Students also need to have separate funds to cater for stationery, books, meals and accommodation.

ACCOMMODATION RATES

Campus Halls/Hostels
TZS. 800.00 per student per day × 119 days per each semester (Undergraduate Students)

Off Campus Halls/Hostels
TZS. 500.00 per student per day × 119 days per each semester (Undergraduate Students)

Accommodation Caution Money
TZS. 10,000/= payable once during the first year for the main campus but an extra TZS. 10,464.46 per month or TZS. 41,860.00 per semester will be charged when the University provides additional facilities like refrigerators, cookers, etc.

PRACTICAL TRAINING
Those who will register for courses listed below will have to take practical training for the duration, location and timing as indicated. Equipment and materials will be procured by College/Schools and distributed to students.

Practical Training/Field Research

Code	Duration	Location	Timing	Remarks
College of Natural and Applied Sciences				
BL 303	1 week	Mikumi	August	Field Course
BL 399	Throughout	DSM	December	Dissertation
BN 205	*8weeks	Various	June	Field Course
CH 314	Throughout	DSM	December	Dissertation
EV 300	Throughout	DSM	December	Dissertation
MC 2nd Yr	*8weeks	Various	June	
MT 399	Throughout	DSM	December	Dissertation
PH 369	Throughout	DSM	December	Dissertation
WS 100	*8weeks	Various	June	
WS 200	*8weeks	Various	June	
School of Mines and Geosciences				
GY 265	4 weeks	Various	June	
GY 355	4 weeks	Various	June	
GY 485	4 weeks	Various	June	
PT 1	*8 weeks		June	
PT 2	*8 weeks	Various	June	
PT 3	*8 weeks	Various		
PT 2nd Yr	*8 weeks	Various	June	Field Report
College of Information and Communication Technologies				
ES 140	*8 weeks	Various	June	
ES240	*8 weeks	DSM	December	Dissertation
ES 335	Throughout	Various	June	
IS 1st Yr IS2nd Yr	*8 weeks	Various	June	
IS 335	Throughout	DSM	December	Dissertation
College of Engineering and Technology				
CP 499	Throughout	DSM	October	Dissertation
CS 499	Throughout	DSM	October	Dissertation
DP 499	Throughout	DSM	October	Dissertation
EN 499	Throughout	DSM	October	Dissertation
MM 499	Throughout	DSM	October	Dissertation

Code	Duration	Location	Timing	Remarks
PD 499	Throughout	DSM	October	Dissertation
PT 1	*8 weeks		June	
PT 2	*8 weeks	Various	June	
PT 3	*8 weeks	Various		
SD 499	Throughout	DSM	June	Dissertation
TE 499	Throughout	DSM	October	Dissertation
TR 499	Throughout	DSM	October	Dissertation
WR 499	Throughout	DSM	October	Dissertation
College of Agricultural Sciences and Food Technology				
AP 200	*8 weeks	Various	June	Field Report
AP 300	*8 weeks	Various	June	Field Report
FS 200	*8 weeks	Various	June	Field Report
FS 306	*8 weeks	Various	June	Field Report
FS 413	*8 weeks	Various	June	Field Report
AM 200	*8 weeks	Various	June	Field Report
AM 300	*8 weeks	Various	June	Field Report
AM 400	*8 weeks	Various	June	Field Report
PT 2nd Yr	*8 weeks	Various	June	Field Report
AV 200	*8 weeks	Various	June	Field Report
AV 300	*8 weeks	Various	June	Field Report
AV100	*8 weeks	Various	June	
AF 100	*8 weeks	Various	June	
AF399	Throughout	DSM	December	
AP 399	Throughout	DSM	October	Research Report
FS 412	Throughout	DSM	October	Research Report
AM 498	Throughout	DSM	October	Research Report
AM 499	Throughout	DSM	October	Research Report
EC 384	Throughout	DSM	October	Research Report
AV 399	Throughout	DSM	October	Research Report
AT 399	Throughout	DSM	October	Research Report
College of Social Sciences				
GE 230	3 weeks	Mbeya	January	Dissertation
GE 399	3 weeks	Various	January	Dissertation
P S 399	3 weeks	Various	January	Dissertation
P T 2^{nd}Yr	3 weeks	Various	June	
SO 399	3 weeks	Various	January	Dissertation
S T 218	3 weeks	Various	January	Dissertation
University of Dar es Salaam School of Economics				
S T 218	3 weeks	Various	January	Dissertation
EC 374	3 weeks	DSM	January	Dissertation
College of Humanities				
FP 303	3 weeks	DSM	January	Field Report
FP 305	3 weeks	DSM	January	Theatre Production
FP 351	3 weeks	Various	January	Field Report
PT 2^{nd}Yr	8weeks	Various	June	Field Report
AY 120	8weeks	Various	June	Field Report
AY 220	8weeks	Various	June	Field Report
AY230	8weeks	Various	June	Field Report
University of Dar es Salaam School of Law				
LW 305	*8 weeks	Various	January	Dissertation
School of Aquatic Sciences and Fisheries Technology				
AQ 200	*8 weeks	Various	June	Field Report
AQ 300	*8 weeks	Various	June	Field Report

Code	Duration	Location	Timing	Remarks
University of Dar es Salaam School of Education				
CT 101	* 8 weeks	Various	June	
CT 202	* 8 weeks	Various	June	
CT 301	* 8 weeks	Various	June	
FE 499	* 8 weeks	Various	January	Dissertation
GS 211	8 Weeks	Various	June	Field Report
GS 311	8 Weeks	Various	June	Field Report
University of Dar es Salaam Business School				
**BM 333	* 8 weeks	Various	PT Session	
Mbeya College of Health and Allied Sciences				
EF 200	3 weeks	Various	September	Research Report
MD 300	3 weeks	Various	September	Research Report
MC 400	8 weeks	Various	August	Field Report (Dispensary, Health Center and DMO)
ME 400	Throughout	Various	January	Research Report

Special College/School Requirements

College/School	Programme	Items
CoET	First Year	Rapid Fine-line Mech. Pencil 0.5 Profile Drawing Board A3 Compass Set (2) Convex Triangular Reduction Scale Bupmester Curve Set (3) Radious/Nuts Template Geometry Set Workshop Overalls Workshop Boots
SoED	CT 200	Teaching and Learning Aids Manila Papers (Al) Transparencies, Felt Pens, Marker Pens, Office Glue, Cello tape, Blank Audio Cassettes, Plywood/Ceiling Boards Wood Glue, Nails, Paint, Abrasive Paper, Brush, Softwood, Electric Cable, Connecting Clips
	PE 10 2	Track Suit, Shorts, T-Shirt s, Soccer Boots, Swimming Costume
	BEd (Sc.) 1	Laboratory Coat, Gloves, Dissecting Kit, Protective Eye glasses, Mouth Mask
	BEd (Sc.) 2	Gloves, Mouth Mask
	BEd (Sc.) 3	Gloves, Mouth Mask
	BEd (Sc.) 4	Gloves, Mouth Mask
CoNAS	BSc (ChemPhys)1: BSc (ApplMicChem)1	Laboratory Coat, Gloves, Dissecting Kit, Protective Eye glasses, Mouth Mask
	BSc (ChemPhys) 2: BSc (ApplMicChem) 2	Gloves, Mouth Mask
	BSc (ChemPhys) 3; BSc (AppMicChem) 3	Gloves, Mouth Mask
	BScEd1	Laboratory Coat, Gloves, Dissecting Kit, Protective Eye glasses, Mouth Mask
	BScEd2	Gloves, Mouth Mask
	BScEd3	Gloves, Mouth Mask

College/School	Programme	Items
	BScEd4	Gloves, Mouth Mask
	BSc (Elect) l	Tem plate Set
	BSc (Elect) 2	Laboratory Coat Electronic Tool Kit
	BSc (Elect) 3 BSc (Gen) 2	Electronic Tool Kit Laboratory Coat, Electronic Component Kit
	BSc (WS)3	Gum Boots, Rubber Shoes Rain coat, Gloves
	BSc (Wild)1	Laboratory Coat, Glove Dissecting Kit Protective Eye glasses, Mouth Mask Gum Boots, Rubber Shoes, Rain coat
	BSc (Wild) 2	Gloves, Mouth Mask
	BSc (Mol.)	Laboratory Coat, Gloves Laboratory, Timer, Protective Eye Glasses, Mouth Mask
	BSc (MB) 2	Gum Boots, swimming costume, gloves
	BSc (MB) 2	Gum boots, Swimming costume, Gloves
	BSc (MB) 3s	Glove
	BSc (WE) 2	Gum boots, Rubber shoes, Rain coat, Gloves
	BSc (Comp.) 1	1 template set
CoHU	BA (FPA)	Water and oil colors, paint brushes, Canvases, Laboratory coat, truck suit, theatre costumes Digital Video camera, professional light kit, sound kit, editing software and hardware, dvds
UDSoL	LLB 1	Basic Teaching Materials
Note: For PE 203, 305 and PE 4th Year, Special School Requirements acquired in the 1st Year should be used in subsequent years. For students in CoNAS, non –consumable items acquired in the 1st Year should be used in subsequent years.		
CoET	EG 110, 111, 112, 113, 114, 115, 116, 117	Blue overall, Blue dust coat Blue jungle hats, Light blue L/S shirt, Industrial boots
	EG 101	Rapid fine-line mech. pencil 0.5, Profile drawing board A3, Compass set (2) Convex Triangular reduction scale, Bupmester curve set (3) Radius /nuts template Geometry set
SoED	CT 200	Teaching and learning aids, Manila papers (Al), Transparencies Felt pens Marker pens, Office glue Cello tape Empty audio cassettes Plywood/ceiling board Wood glue Nails Paint Abrasive papers Brush Soft wood Electric cable Connecting clips
	PE 102	Track suit, Shorts, T-shirts, Soccer Boots, Swimming costume
	BEd (Sc.) 1st and 2nd Year	Laboratory coat, Gloves, Dissecting kit, Protective Eye Glasses, Mouth Mask
CoAF	BSc FST 1st Year	Laboratory Coats, Laboratory Gloves (box), Protective eye glasses, Mouth masks
	BSc FST 3rd Year	Laboratory Coats, Laboratory Gloves (box), Protective eye

College/School	Programme	Items
		glasses, Mouth masks
	BSc BST 1st Year	Bee Overall, Bee Gloves, Bee veil + hat, Gum Boots, Labora- tory Coat, Laboratory Gloves (box), Mouth masks
	BSc BST 2nd Year	Laboratory Gloves (box), Dissecting kit
	BSc AEM	Workshop Blue Overalls, Workshop Boots, Workshop Blue Dust Coat, Light blue L/S Shirt, Blue Jungle Hat
	BSc AMC	Lab coat, Gum Boots, Rain coat, Boiler suit
SoAF	BSc ASF 1st Year	Laboratory Coat, Gloves Dissecting Kit, Protective Eyeglasses, Face Masks, Snorkel and Mask, Rubber Shoes, Rain Coat
	BSc ASF 2nd Year	Gloves, Mouth Mask
MCHAS	MD Programme 1st Year	Laboratory white coat, Gloves, Anatomical Models, Preserved Human Cadavers, Audiovisual Insitruments, Stethoscope, Face Masks, Dissection Kits, Surgical Blades

Note:
PE 203, PE 305 and PE 4th Year Special School Requirements acquired in the first year should be used in subsequent years

Key:

CoAF	College of Agricultural Sciences and Food Technology
CoET	College of Engineering and Technology
CoHU	College of Humanities
CoICT	College of Informatics and Communication Technologies
CoNAS	College of Natural and Applied Sciences
CoSS	College of Social Sciences
UDBS	University of Dar es Salaam Business School
SoED	School of Education
UDSoL	University of Dar es Salaam School of Law
SJMC	School of Journalism and Mass Communication
SoAF	School of Aquatic Sciences and Fisheries Technology
MCHAS	Mbeya College of Health and Allied Sciences
IMS	Institute of Marine Sciences

REGULATIONS GOVERNING AWARD OF UNDERGRADUATE DEGREES PROGRAMMES AND COURSES OFFERED BY COLLEGES / SCHOOLS / INSTITUTES

COLLEGE OF AGRICULTURAL SCIENCES AND FOOD TECHNOLOGY (CoAF)

INTRODUCTION

The College of Agriculture and Food Technology (CoAF) comprises four departments, namely: Crop Sciences and Beekeeping Technology, Agricultural Economics and Business, Agricultural Engineering, and Food Science and Technology.

Degrees Offered by the College

The College offers the following three-year undergraduate degree programmes:
(i)   Bachelor of Science in Beekeeping Science and Technology (BSc BST)
(ii)   Bachelor of Science in Crop Science and Technology (BSc CST)
(iii)   Bachelor of Science in Agricultural and Natural Resources Economics and Business (BSc ANEB)

The College also offers the following four-year undergraduate degree programmes:
(i)   Bachelor of Science in Agricultural Engineering and Mechanization (BSc AEM)
(ii)   Bachelor of Science in Food Science and Technology (BSc FST)

In addition, the College has study programmes leading to the following higher degrees:
(i)   Master of Science (MSc) by thesis only and by coursework and dissertation
(ii)   Doctor of Philosophy (PhD) by thesis only and by coursework and dissertation
University wide regulations governing postgraduate degrees will apply.

Regulations Governing the Award of the BSc Degree

CoAF is running programmes under the semester system whereby the academic year is subdivided into 2 semesters of teaching, each lasting 15 weeks. Each of its disciplines offers a variety of courses, including core courses, which are compulsory to students majoring in the subject, and elective courses. Each course is given a credit weighting according to the time devoted to it following the Tanzania Commission for Universities guidelines. One credit equates to learning outcomes achieved in 10 hours of learning, which includes activities such as lectures, seminars/tutorials, assignments, independent studies and practical training.

General Regulations

CoAF general regulations governing the operation of its programmes are in line with the University level regulations. Because of multi-disciplinarily nature of the programmes, both general and specific regulations have been benchmarked with regulations in other colleges.

1   A minimum of 360 credits must be passed for the award of a 3-year degree (BSc ASF, BSc BST, BSc CST, and BSc ANEB). Passing a course shall mean scoring a C grade or higher which is equivalent to 40% or higher.
2   A minimum of 480 credits must be passed for the award of a 4-year degree (BSc FST, and BSc AEM). Passing a course shall mean scoring a C grade or higher which is equivalent to scoring 40% or higher.
3   All students must pass the core courses in Development Studies (100 series).
4   Each student shall register for courses totalling at least 120 credits per academic year or for the minimum necessary to complete his/her degree programme.
5   In addition to core courses required for his/her programme, a student may choose as an elective any course for which he/she can meet the prerequisite/co-requisite requirements and which is compatible with the teaching timetable (subject to regulation No. 4).
6   No student will be permitted to commence or withdraw from any course more than four weeks after the beginning of the semester.

7   Students may be admitted to the College of Agriculture and Food Technology as transfer students in accordance with UDSM regulations on students' credit transfer.

Examination Regulations

8   Except for Practical training/Field attachment/Industrial training courses, each course will be offered and assessed in the same semester and a grade awarded. The grade will be based on an end of course examination and a course work assessment.

9   Except for project/practical related courses, continuous assessment shall include at least one test per semester, among other assessment means approved by CoAF academic committee (e.g., practicals, assignments, presentations). The coursework assessment shall normally constitute 40% of the total course assessment. Coursework assessment, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignments on which it is based shall be available for scrutiny by the Independent Internal Examiner.

10   Monitoring of the student progress in each course will be based on the following:

   10.1 Grade to marks (%) correspondence

A	=	70	–	100		C	=	40	–	49
B+	=	60	–	69		D	=	35	–	39
B	=	50	–	59		E	=	0	–	34

   Grade to points correspondence

A	B+	B	C	D	E
5	4	3	2	1	0

   10.2 Course grade multiplied by the appropriate credit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.

11   An average grade for each academic year shall be worked out by adding together, by means of weighting points, all the grades of the core and elective courses. The following points to grade correspondence shall apply in monitoring the student's progress in each academic year.

4.4 – 5.0	=	A	3.5 – 4.3	=	B$^+$
2.7 – 3.4	=	B	2.0 – 2.6	=	C
1.0 – 1.9	=	D	0.0 – 0.9	=	E

12   A student, who has passed courses totalling more than 360 credits in a three-year programme and 480 in a four-year programme, shall have one or more elective course excluded from the assessment in the degree classification. The assessment shall in this case exclude those elective courses in which the student had the worst performance.

13   The degree classification shall be based on the best 360 and 480 credits respectively provided that regulations Nos. 1 to 4 above are fulfilled. The classification shall be as follows:

First class	4.4 – 5.0
Upper second	3.5 – 4.3
Lower second	2.7 – 3.4
Pass	2.0 – 2.6

14   To be allowed to continue with any degree programme in CoAF, a student must pass all the prescribed core courses in a programme and attain an overall GPA of 2.0 or above.

15   A student not in his/her final year of study must score at least a C average at 2.0 in all core courses in that programme to qualify for supplementary examinations.

16   A student who fails to attain an overall GPA of 1.8 at the end of academic year (excluding the final year) shall be discontinued from studies.

17   Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.

18   A student not in the final year who obtains a D or an E average in all the core courses shall be discontinued.

19   All courses offered in the first and second year shall be compulsory in BSc AEM. Supplementary Examinations will be held once each year prior to the commencement of the subsequent academic year, for the core courses examined during the previous session. Any student who has qualified to continue with his/her studies under regulation No. 17 must sit for a supplementary examination in any core courses in which he/she has failed (i.e., scored a D or E) in the examination. The highest grade awarded shall be the minimum passing grade (i.e., C).

20   With the approval of the College Board and Senate, certain courses may be designated as courses where coursework supplementation will not be permitted. When the coursework assessment in such course is failed, the entire course must be repeated.

21   If after taking supplementary examinations a student fails to obtain a C average at 2.0 or better in all the core courses, he/she shall be discontinued from studies.

22   A grade scored in the supplementary examination shall constitute the final grade in the course regardless of the score in the original examination.

23   A student who has qualified to continue with his/her studies (under Regulations 22 and 23 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.

24   A student who fails a supplementary examination in a core course in which he/she has enrolled twice within the prescribed time shall be discontinued.

25   A student who has failed a practical course, which cannot be supplemented, shall be allowed to proceed to the next year of study provided his/her GPA is 2.0 or higher.

26   Supplementary work in or repetition of elective courses will only be allowed in exceptional circumstances, normally only when those credits are needed to complete a degree programme.

27   A special examination in a course to be regarded as constituting a first sitting shall be given to students who for satisfactory reasons were allowed by the Principal not to take the regular examination.

28   Normally, special examinations will be given at the time of supplementary examinations.

29   A student who is required to sit for a special examination or who, for satisfactory reasons, has not completed an important portion of his/her course work, shall be awarded an 'I' ('Incomplete') grade.

30   A student who has been awarded an 'I' grade during any academic year is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the College Board, any 'I' grade not cleared at the time of the supplementary examinations automatically becomes an 'E' grade.

31   No student will be enrolled in a course for which he/she has not fulfilled the prerequisites. A course for which a 'D' grade or lower is obtained shall not be counted as fulfilling a prerequisite for any course unless it is a course in the same series taken during the same session.

32   To be allowed to repeat a course, in which an examination is a part of the assessment, a student must first sit for supplementary examination in that course.

33   All courses taken by a student shall be entered in the transcript.

34   The maximum time for which a student may remain registered (CoAF) is 5 years for a 3-year programme and 6 years for a 4-year programme. Any student who is required to repeat/complete certain courses in order to qualify for the award of a degree shall be deemed to have failed the programme at the end of the maximum period if any such courses have not been passed.

Practical Training

CoAF runs an eight-week practical training programme in which students engage in practical activities related to their fields of study. Normally, these activities are held in various institutions outside the University. The 3-year programmes (BSc BST, BSc ASF) have two practical trainings, one coming immediately after the first year and the other immediately after the second year. The 3-year programme (BSc ANEB) has one practical training at the end of the second year. The 4-year programmes (BSc FST and BSc AEM) have three practical trainings, one coming immediately after the second semester in first year, the second immediately after the second semester in second year and the third immediately after the second semester of the third year. The PT programme seeks to:

(i)   Expose students to the various research and/or production activities being carried out in different parts of the country;

(ii)   Enable the students to apply their knowledge in practice;

(iii) Ensure that, on leaving the University, graduates have acquired some appropriate work experience;

(iv)   Establish and maintain contact between prospective employers and the University in order to ensure that students are given the appropriate skills and knowledge for the jobs they are likely to be called upon to perform after graduation; and

(v)   Enable prospective employers and employees to become acquainted with one another in the working situation.

Regulations Governing Practical Training

1   Each practical training (PT) shall be assessed and the grade obtained shall count towards the final degree award. Each PT will contribute 8 credits.

2   Students must pass practical training before qualifying for the award of the degree.

3   PT assessment for BSc BST, BSc FST, BSc ANEB, BSc CST and BSc CPT will be based on the following items:

(i)   Employer's assessment – 20%: Items to be graded include: skills obtained by the student, attitude towards work, personal initiatives and independence, reliability in carrying out duties and punctuality to work.

(ii)   Student's daily logbook – 20%: The employer shall sign the document on a weekly basis. The logbook shall be submitted to the University supervisor together with the final report. The grading of the logbook shall be marked based on the following:
- Clear description of activities, 10%
- Description of output, 10%

(iii) Student's final report – 60%: This should be divided into the following aspects: description and analysis of tasks given 10%, problem identification and scientific methods used 15%, presentation of results and data 20%, correctness of information (graphs, maps etc.) 10%, summary and conclusions 5% and may do oral presentation 5%.

4   PT assessment for BSc AEM will be based on the following four items:

(a)   Employer's assessment (5%); (b) Supervisor's report (10%); (c) Logbook (ranges from 15% to 30% depending on the year of study); and (d) Final Report (ranges from 55% to 70% depending on the year of study). The field attachment shall adopt regulations governing Practical Training in the College of Engineering and Technology which are found in the latest UDSM Prospectus.

5   In order to pass, a student must obtain at least three passes out of four, one of which must be in his/her final report. The student's daily logbook and final report will be assessed by his/her university supervisor. In borderline cases, these items may be used for re-assessment.

5.1   For a student who obtains two passes and two fails out of four, a detailed investigation will be undertaken by the College's Practical Training Committee, which will make recommendations to the Board of Examiners.

5.2   A student who fails PT will be required to go through and pass a supplementary training period, which will be arranged for him/her in June-September of the subsequent year after completion of University Examinations and will get a maximum of C grade.

5.3   A student who fails in a supplementary PT within the prescribed period shall be discontinued forthwith.

5.4   Students who do not go to places allocated to them for practical training without satisfactory reasons will be deemed to have failed their practical training, and will as a result be discontinued from the University.

5.5   Students who go to the allocated PT places but refuse to follow the training programme will be deemed to have absconded and consequently shall be discontinued.

6   Each practical training shall be treated as a course of the succeeding academic year.

7   Practical training reports will be handed in for assessment before the end of the second week of the first semester.

8   Internal assessments shall be completed before the end of the first semester.

DEPARTMENT OF AGRICULTURAL ECONOMICS AND BUSINESS

Bachelor of Science in Agricultural and Natural Resources Economics and Business (BSc ANEB)

Code	Course Title	Credits	Semester	Status
First Year				
EC 116	Introductory Microeconomics I	12	1	Core
EC 117	Introductory Macroeconomics I	12	1	Core
AC 100	Principles of Accounting I	12	1	Core
EB 100	Agricultural Economics	12	1	Core
DS 112	Development Perspectives I	12	1	Core
EB 101	Natural Resources Economics I	12	1	Core
EC 126	Introductory Microeconomics II	12	2	Core
EC 127	Introductory Macroeconomics II	12	2	Core
AC 101	Principles of Accounting II	12	2	Core
EB 103	Entrepreneurship and Innovation I	12	2	Core
DS 113	Development Perspectives II	12	2	Core
EB 102	Natural Resources Economics II	12	2	Core
Second Year				
EC 216	Intermediate Microeconomics I	12	1	Core
EC 217	Intermediate Macroeconomics I	12	1	Core
EB 201	Agricultural Products Marketing I	12	1	Core
EC 218	Quantitative Methods I	12	1	Core
EC 219	Econometrics I	12	1	Core
EB 200	Agribusiness Management	12	1	Core
EC 220	Development Economics	12	2	Core
EC 228	Quantitative Methods II	12	2	Core
EC 229	Econometrics II	12	2	Core
EB 202	Agricultural Products Marketing II	12	2	Core
EB 204	Business Planning	12	2	Core
EB 203	Fishery Economics and Management	12	2	Core
EB 310	Practical Training	12	2	Core
Third Year				
EB 303	Entrepreneurship and Innovation II	12	1	Core
EB 304	Economics of Agricultural Marketing I	12	1	Core
EB 300	Economic Management and Policy Analysis	12	1	Core
EB 301	Natural Resource Accounting	12	1	Core
EB 302	Applied Econometrics	12	1	Core
EC 372	Public Sector Economics I	12	1	Core
EB 308	Management Information Systems	12	2	Core
EB 306	Project Appraisal and Techniques	12	2	Core
EB 305	Economics of Agricultural Marketing II	12	2	Core
EC 377	Industrial Economics	12	2	Core
EB 309	Environmental Economics	12	2	Core
EC 382	Public Sector Economics II	12	2	Core

DEPARTMENT OF AGRICULTURAL ENGINEERING

Bachelor of Science in Agricultural Engineering and Mechanisation

Code	Course Title	Credits	Semester	Status
First Year				
MT 161	Matrices and Basic Calculus for Non-Majors	12	1	Core
SC 121	Statics	12	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8	1	Core
EE 151	Fundamentals of Electrical Engineering I	8	1	Core
ME 101	Engineering Drawing	8	1	Core
CL 111	Communication Skills for Engineers I	12	1	Core
DS 112	Development Perspectives I	12	1	Core
AM 111	Workshop Training I	4	1	Core
MT 171	One Variable Calculus and Differential Equations for Non-Majors	12	2	Core
EE 131	Fundamentals of Electronics for Engineers	12	2	Core
EE 152	Fundamentals of Electrical Engineering II	8	2	Core
ME 103	Computer Aided Drafting	8	2	Core
ME 106	Strength of Materials I	8	2	Core
DS 113	Development Perspectives II	12	2	Core
AM 112	Workshop Training II	4	2	Core
AM 101	Introduction to Agricultural Engineering	8	2	Core
Second Year				
MT 261	Several Variable Calculus for Non-Majors	12	1	Core
WR 211	Fluid Mechanics for Civil Engineers	12	1	Core
ME 206	Strength of Materials II	12	1	Core
ME 201	Design Methodology	8	1	Core
TR 111	Engineering Surveying I	8	1	Core
AM 201	Materials Technology for Agricultural Engineering	8	1	Core
AM 203	Fundamentals of Soil Science	8	1	Core
MT 271	Statistics for Mathematics Non-Majors	12	2	Core
WR 212	Open Channels Hydraulics	8	2	Core
WR 213	Hydraulics Practicals	4	2	Core
ME 226	Thermodynamics	12	2	Core
ME 208	Dynamics	8	2	Core

Code	Course Title	Credits	Semester	Status
TR 112	Engineering Surveying II	8	2	Core
AM 202	Principles of Agronomy	12	2	Core
AM 200	Practical Training I	8	2	Core
Third Year				
AM 301	Engineering Properties of Biological Materials	8	1	Core
ME 303	Computer Aided Design	8	1	Core
AM 302	Mechatronics	8	1	Core
AM 303	Agricultural Machinery and Equipment	12	1	Core
AM 304	Agricultural Machine Elements	12	1	Core
WR 321	Engineering Hydrology	12	1	Core
ME 308	Mechanical Vibration Analysis	8	1	Elective
AM 305	Design of Irrigation Systems	8	1	Elective
AM 306	Crop Science and Management	8	1	Elective
ME 325	Turbo-machinery	8	2	Core
ME 329	Internal Combustion Engines	8	2	Core
IE 399	Research Methods for Engineers	8	2	Core
AM 307	Manufacturing Technology for Agricultural Engineers	12	2	Core
AM 308	Design of Agro-Processing Machinery	8	2	Core
AM 309	Agricultural Engineering Design Project	8	2	Core
AM 300	Practical Training II	8	2	Core
ME 322	Renewable Energy Technologies	12	2	Elective
AM 310	Electrical Power Systems and Machines for Non-majors	12	2	Elective
AM 311	Agricultural Machinery Management	12	2	Elective
AM 312	Agricultural Resource Management	12	2	Elective
Fourth Year				
AM 400	Practical Training III	8	2	Core
AM 401	Mechanics of Farm Machinery	12	1	Core
AM 402	Post-harvest Handling and Storage of Non-Perishable Commodities.	8	1	Core
AM 403	Precision Agriculture Technologies	8	1	Core
AM 404	Fluid Power Systems	12	1	Core
AM 498	Final Project I	8	1	Core
ME 334	Computer Aided Manufacturing	8	1	Elective
AM 405	Environmental Conservation in Agriculture	8	1	Elective
IE 340	Engineering Operations Management	12	1	Elective
IE 354	Engineering Project Management	12	1	Elective

Code	Course Title	Credits	Semester	Status
AM 406	Post-harvest Handling and Preservation of Horticultural Produce	8	2	Core
AM 407	Livestock Handling Systems	8	2	Core
AM 408	Ergonomics, Safety and Maintenance	12	2	Core
ME 426	Refrigeration and Air Conditioning	8	2	Core
SC 430	General Engineering Procedures and Ethics	12	2	Core
AM 410	Aquaculture Engineering	8	2	Core
AM 499	Final Project II	12	2	Core
AM 411	Design of Small Dams	8	2	Elective
IE 445	Entrepreneurship for Engineers	12	2	Elective
AM 412	Financial and Human Resource Management	8	2	Elective

DEPARTMENT OF CROP SCIENCES AND BEEKEEPING TECHNOLOGY

Bachelor of Science in Beekeeping Science and Technology (BSc BST)

Code	Course Title	Credits	Semester	Status
First Year				
AP 101	Introduction to Beekeeping	8	1	Core
AP 102	Honey Bee Behaviour	8	2	Core
AP 103	Honey Production Technologies	12	2	Core
BT 130	Evolutionary Botany	12	1	Core
BT 113	Introduction to Plant Physiology	8	2	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
DS 112	Development perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
FS 100	Introduction to Food Science and Technology	8	2	Core
FS101	Introduction to Food Microbiology	12	2	Core
MC 100	Fundamentals of Microbiology	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
BL 111	Introductory Cell Biology and Genetics	12	1	Elective
BL 113	Ecology I	8	2	Elective
CH118	Basic Analytical and Physical Chemistry	12	1	Elective
CL 107	Communication Skills for Science Students	12	2	Elective
WS 101	Ecology and Utilisation of Natural Resource	8	2	Elective

Code	Course Title	Credits	Semester	Status
Second Year				
AP 200	Practical Training I	8	1	Core
AP 201	Honeybee Anatomy and Physiology	12	1	Core
AP 202	Pollination Ecology	12	2	Core
AP 203	Beekeeping Management	12	2	Core
AP 204	Agro-Forestry	12	2	Core
AP 205	Chemistry of Bee Products	12	1	Core
BT 225	Taxonomy of Higher Plants	12	1	Core
BL 234	Biostatistics I	8	2	Core
BN 232	Food Biotechnology	12	2	Core
MC 206	Food Microbiology and Processing	12	1	Core
ZL 229	Insect Physiology and Pathology	8	2	Core
ZL 236	Introductory Entomology and Parasitology	12	1	Core
BT 215	Introduction to Mycology	8	2	Elective
BT 217	Plant Genetics and Evolution	8	2	Elective
BL 207	Immunology	8	1	Elective
EV 200	Environmental Science I	8	1	Elective
FS 202	Advanced Food Microbiology	12	2	Elective
GY 245	Remote Sensing and GIS	12	2	Elective
SC 215	Scientific Methods	8	1	Elective
Third Year				
AP 300	Practical Training II	8	1	Core
AP 301	Bee Products, Processing Technologies and Value Addition	12	2	Core
AP 302	Honeybee Genetics and Breeding	12	1	Core
AP 303	Legal and Policy Framework in Apiculture	12	1	Core
AP 304	Beekeeping Extension and Marketing	12	1	Core
AP 305	Bee Pests and Diseases	12	2	Core
AP 306	Apibusiness	12	1	Core
AP 307	Apicultural Economics	8	2	Core
AP 309	Beekeeping Entrepreneurship	8	2	Core
AP 399	Research Project	12	2	Core
AP 308	Environmental Conservation and Fire Ecology	12	1	Core
FS 309	Functional Foods and Nutraceuticals	12	2	Core
BL 314	Biostatistics II	8	1	Elective
WS 311	Tourism and Recreational Management	8	2	Elective
ZL 333	Insect Ecology	12	1	Elective
ZL 334	Insect Systematics	12	2	Elective

Code	Course Title	Credits	Semester	Status
ZL 336	Entomology	12	1	Elective

Bachelor of Science in Crop Science and Technology (BSc CST)

First year

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
AG101	Introduction to Agriculture	8	1	Core
AG 102	Field Crops Production I	8	1	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Core
AG 103	Horticulture I: Principles of Horticulture Production	8	1	Core
AG 104	Urban and Peri-Urban Agriculture (UPA) I	8	1	Core
MT111	Mathematics for Biological and Chemical Sciences	8	1	Core
CL 107	Communication Skills for Science Students	12	2	Elective
AG 106	Introduction to Cell and Molecular Biology	12	2	Core
AG 107	Introduction to Plant Genetics	8	2	Core
AG 108	Introduction to Soil Science	8	1	Core
BT 113	Introduction to Plant Physiology	8	2	Core
AG 109	Agricultural Botany	8	2	Core
DS 113	Development Perspectives II	12	2	Core
EB 103	Entrepreneurship and Innovation I	12	2	Elective

Second year

Code	Course Title	Credits	Semester	Status
AG 203	Plant Molecular Genetics	12	1	Core
AP 202	Pollination Ecology	12	2	Core
AG 204	Plant Biochemistry	8	1	Core
AG205	Plant Developmental Physiology	8	1	Core
AG 206	Field Crops Production II	12	1	Core
AG 214	Experimental Design and Analysis in Crop Science	12	1	Core
AG 201	Horticulture II: Olericulture and Ornamental Horticulture	12	1	Elective
AG 202	Urban and Peri-urban Agriculture (UPA) II	12	1	Elective
AG 207	Introduction to Precision Agriculture	8	2	Core
AG 208	Soil Fertility and Plant Nutrition	12	2	Core
AG 212	Agricultural Extension and ICT	12	2	Core
AP204	Agro-forestry	12	2	Core
AG 200	Practical Training I	8	2	Core

Code	Course Title	Credits	Semester	Status
AG 211	Agricultural Ecology	12	1	Elective
AG 213	Introduction to Agricultural Meteology	12	1	Elective
AG 209	Conservation Agriculture	8	2	Elective
Third year				
AG 301	Crop Breeding and Biotechnology	12	1	Core
AG 304	Seed Production Technology	8	1	Core
AG 309	Organic Agriculture	8	1	Core
AG 306	Precision Agriculture Technologies	12	1	Core
FS 308	Postharvest Technology I	8	1	Core
AG 302	Horticulture III: Fruit Production (Pomology and Viticulture)	12	1	Elective
AG 303	Urban and Peri-Urban Agriculture (UPA) III	8	1	Elective
EB201	Agricultural Products Marketing I	12	1	Elective
AG 210	Crop Protection	12	2	Core
AG 310	Soil Water Plant Relationship	8	2	Core
AG 300	Practical Training II	8	2	Core
AG 308	Agricultural Resources and Farm Management	8	2	Core
AG 311	Agricultural Value Chain	8	2	Core
AG 399	Research Project	12	2	Core
AG 305	Crop Production Modeling	12	2	Elective
FS 402	Postharvest Technology II	8	2	Elective
EB 200	Agribusiness Management	12	2	Elective

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

Bachelor of Science in Food Science and Technology (BSc FST)

Code	Course Title	Credits	Semester	Status
Common Courses				
DS112	Development Perspectives I	12	1	Core
DS113	Development Perspectives II	12	2	Core
First Year				
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
CH118	Basic Analytical and Physical Chemistry	12	1	Core
CH121	Chemistry Practical I	8	1	Core
MC100	Fundamentals of Microbiology	12	1	Core

Code	Course Title	Credits	Semester	Status
BN131	Biochemistry I	12	1	Core
EE171	Introduction to Computers and Programming for Engineers	8	2	Core
FS100	Introduction to Food Science and Technology	8	2	Core
FS101	Introduction to Food Microbiology	12	2	Core
CH117	Organic Chemistry	12	2	Core
PH103	Applied Physics in Biology	12	2	Elective
CL107	Communication Skills for Science Students	12	2	Elective
Second Year				
MC237	Practical in Microbiology I	8	1	Core
FS200	Food Chemistry	12	1	Core
FS201	Food Engineering	12	1	Core
FS203	Food Laws	8	1	Core
BL234	Biostatistics I	12	2	Core
MC238	Practical in Microbiology II	8	2	Core
BN232	Food Biotechnology	12	2	Core
BN240	Practical in Biochemistry	8	2	Core
FS202	Advanced Food Microbiology	12	2	Core
FS205	Industrial Training I	8	2	Core
SC215	Scientific Methods	8	1	Core
EV200	Environmental Science I	8	1	Core
FS204	Food Toxicology	8	1	Elective
MC209	Water Microbiology	12	2	Elective
Third Year				
FS300	Food Processing and Preservation	12	1	Core
FS301	Food Analysis and Sensory Evaluation	12	2	Core
FS302	Food Product Development and Marketing	12	1	Core
FS303	Food Safety and Quality Control	8	1	Core
FS304	Human Nutrition and Dietetics	8	1	Core
FS305	Dairy Processing Technology	8	1	Core
CP379	Fermentation Technology and its Applications	12	1	Core
FS306	Industrial Training II	8	2	Core
FS308	Postharvest Technology I	12	2	Core
FS310	Practical in Food Processing and Preservation	8	2	Core
BN338	Biosafety, Biopolicy and Bioethics	12	2	Core
FS311	Food Additives	8	2	Core
FS306	Industrial Training II	8	2	Core
FS307	Sugar Technology	8	1	Elective
AP301	Bee Products, Processing Technologies and Value Addition	12	1	Elective
FS309	Functional Foods and Nutraceuticals	12	2	Elective
Fourth Year				
FS400	Food Packaging	12	1	Core
FS401	Extrusion Technology	12	1	Core

Code	Course Title	Credits	Semester	Status
FS402	Post-harvest Technology II	12	2	Core
FS403	Food Plant Design	12	1	Core
FS406	Meat, Poultry and Fish Processing	12	1	Core
FS412	Research Project	8	1	Core
FS407	Cereals, Legumes and Oilseed Processing Technology	12	2	Core
FS408	Current Topics in Food Science and Technology	8	2	Core
FS409	Food Business Management and Entrepreneurship	12	2	Core
FS410	Sanitation and Waste Management	12	2	Core
FS413	Industrial Training III	8	2	Core
FS404	Baking Science and Technology	12	1	Elective
FS411	Animal Feed Technology	12	1	Elective
FS405	Beverage Technology	12	2	Elective

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COLLEGE OF ENGINEERING AND TECHNOLOGY (CoET)

INTRODUCTION

The College of Engineering and Technology (CoET) comprises of six academic departments, namely: Chemical and Process Engineering (CPE), Structural and Construction Engineering (SCE), Transportation and Geotechnical Engineering (TGE), Water Resources Engineering (WRE), Mechanical and Industrial Engineering (MIE) and Electrical Engineering (EE).

Degrees Offered by the College

CoET offers the following undergraduate degree programmes:

(i)   Bachelor of Science in Chemical and Process Engineering (BScCPE)
(ii)   Bachelor of Science in Civil Engineering (BScCE)
(iii)   Bachelor of Science in Electrical Engineering (BScEE)
(iv)   Bachelor of Science in Mechanical Engineering (BScME)
(v)   Bachelor of Science in Industrial Engineering (BSciE)
(vi)   Bachelor of Science in Textile Design and Technology (BScTXD)
(vii)   Bachelor of Science in Textile Engineering (BScTXE)
(viii)   Bachelor of Architecture (BArch)
(ix)   Bachelor of Science in Quantity Surveying (BScQS)
(x)   Bachelor of Science in Geomatics (BScGeom)

Admission Requirements

The minimum requirements for admission to CoET programmes are given in the first chapter of this Prospectus viz. Directorate of Undergraduate Studies (DUS) under "Minimum Entrance Requirements for Direct and Equivalent Entrants" and "Additional Requirements by Colleges and Schools" Sections.

Examination Regulations

(a) General Degree Regulations

General Examination Regulations are given in the first chapter of this Prospectus; viz. Directorate of Undergraduate Studies (DUS), under "General University Examination Regulations (GUER)".

(b) College Examination Regulations

These examination regulations are in addition to the General University Examination Regulations.

1. Student performance shall be assessed continuously throughout the course. Except in the project, such continuous assessment shall include at least one test per semester and may also consist of Laboratory reports and any other similar means approved by the CoET Academic Committee. The weight of such Continuous Assessment for every course module shall be 0.4. The weight for a University Examination in every course shall be 0.6; except that where a course is not subject to University Examination, Continuous Assessment shall be followed in that semester.

2. It shall be the duty of the Head of Department concerned to inform the students at the beginning of the semester of the procedure of assessment in each course that shall be followed in that semester.

3. Each course module will be offered and assessed in the same semester and a grade awarded. Independent Internal Examination and/or External Examination and determination of pass or fail status however shall be done at the end of the academic year (i.e. at the end of the second teaching semester in each academic year).

4. Candidates are required to obtain a minimum overall GPA for the Audit Unit (academic year) before they can proceed to the following year of study. The pass grade in each of 'the course modules taken shall be "C".

5. A student who has qualified to continue with his/her studies in terms of the minimum overall GPA for the Academic Audit Unit, but failed in some modules, will be allowed to sit for supplementary examination for all failed courses.

6. Supplementary examinations will be held once each year prior to the commencement of the subsequent academic year for the failed courses examined during the previous two semesters. The highest grade awarded shall be the minimum passing grade (i.e. "C").

7. A candidate who fails in a course that is assessed by continuous assessment only, shall sit for a written supplementary continuous assessment examination. Such examination shall take place at the time of the University Supplementary Examinations. All other rules and regulations governing supplementary examinations shall apply.

8. If, after taking supplementary examinations, a student fails to obtain a "C" grade in a compulsory module, she/he may be allowed to repeat (carry over) the failed compulsory course within the maximum period of registration.

9. After supplementary examination, a failed course can be carried over if the student has obtained an overall GPA of at least 2.0 from the courses examined or otherwise assessed in semesters 1 and 2 of the first year.

10. If, after taking supplementary examinations, a student fails to obtain an overall GPA of at least 2.0, she/he shall be discontinued from studies.

11. A student shall not repeat (carry over) any failed elective course even if he / she so wishes, except in certain circumstances, normally when those units are needed to comply with minimum requirements for degree award as spelt out in CoET Examination Regulation 17.

12. No student will be enrolled in a course module for which he/she has not taken the prerequisites.

13. Assessment of course modules that are offered by other Colleges/Schools or Institutes of the University shall be governed by the regulations of the respective Colleges / Schools or Institutes.

14. A special examination in a course module to be regarded as constituting a first sitting shall be given to a student who, for satisfactory reasons, was allowed by the Principal not to take the regular examination. Normally, special examinations will be given at the time of supplementary examinations.

15. A student who is required to sit for a special examination or who, for satisfactory reasons, has not completed his/her coursework, shall be assigned a "PEX" ("Postponed Exam") grade or "I" ("Incomplete") grade, respectively.

16. A student who has a "PEX" or "I" grade in a course during any academic year is required to clear the course examination during the time of special examinations for that academic year. Except with the approval of the respective College Board, a student who will not clear any "PEX" or "I" grade at the time of special examinations will be considered to have absconded studies.

17. To complete a degree programme at CoET, a full-time student must have passed a minimum number of units, including all prescribed compulsory courses as shall be prescribed by the respective Heads of Departments prior to the commencement of each semester. In this regard, students are required to register for and pass a minimum of 135 units for any of the degree programmes offered by CoET.

18. All courses taken by a student shall be entered in the transcript.

Regulations for First Year Examinations

19. All course modules offered in the First Year shall be compulsory. All course modules shall be examined or otherwise assessed.

20. For each degree programme, the pass or fail mark during the First Year shall be defined as it is the case for all other courses, on the basis of GPAs calculated according to the unit weighting of individual course modules, including the Workshop Training.

21. A candidate who fails to attain a minimum overall GPA of 1.8 at the end of the academic year shall be discontinued from studies.

22. A candidate who attains an overall GPA of 1.8 or above at the end of the academic year shall be allowed to supplement all failed courses.

23. A candidate who fails to clear all Supplementary Examinations but has an overall minimum GPA of 2.0 from courses examined or otherwise assessed at the end of the academic year shall be allowed to repeat (carryover) the failed courses within the maximum period of registration.

24. If after taking supplementary examinations, a candidate fails to obtain a First Year overall GPA of at least 2.0 from courses examined or otherwise assessed at the end of the academic year, s/he shall be discontinued from studies.

Regulations for Second Year Examinations

25. All course modules offered in the Second Year shall be compulsory. All courses shall be examined or otherwise assessed and the results shall count in determining promotion to the Third Year.

26. A candidate who fails to attain a minimum overall GPA of 1.8 from courses examined at the end of the academic year shall be discontinued from studies.

27. Where a student has attained an overall GPA of 1.8 or above from courses examined at the end of the academic year, s/he shall be allowed to supplement all failed courses.
28. A candidate who fails to clear all failed compulsory courses in a Supplementary Examination, but has an overall minimum GPA of 2.0 from courses examined in the academic year, shall be allowed to carryover the failed courses within the maximum period of registration
29. If after taking supplementary examinations a student fails to obtain at least a Second Year overall G.P.A. of 2.0, he/she shall be discontinued from studies.

Regulations for Third Year Examinations
30. Prior to the commencement of each semester of the Third Year of study, the respective Head of Department will prescribe all the compulsory courses and electives to be offered in a particular semester. Students will be required to follow all compulsory courses and register for at least the minimum number of electives to be specified by the Head of Department.
31. No student will be permitted to commence any course three weeks after the beginning of the semester or withdraw from any course four weeks after the beginning of the semester.
32. All course modules offered shall be examined or otherwise assessed. The student shall be required to pass all the prescribed compulsory modules and obtain a specified minimum of units from elective courses.
33. A candidate who fails to attain a minimum overall GPA of 1.8 from courses examined in the academic year shall be discontinued from studies.
34. A candidate who attains an overall GPA of 1.8 or above from courses examined in the academic year will be allowed to re-sit the failed courses at a supplementary examination.
35. A candidate, who fails to clear all Supplementary Examinations but has an overall GPA of 2.0 or above from courses examined in the academic year, shall be allowed to carryover the failed courses within the maximum period of registration.
36. If after taking supplementary examinations a student fails to obtain at least a Third Year overall GPA of 2.0 from courses examined in the academic year, s/he shall be discontinued from studies.

Regulations Concerning Final Year Examinations
37. Prior to the commencement of each semester of the Fourth Year of study, the respective Head of Department will prescribe all the compulsory courses and electives to be offered in a particular semester. Students will be required to follow all compulsory courses and register for at least a minimum number of electives to be specified by the Head of Department.
38. No student will be permitted to commence any course three weeks after the beginning of the semester or withdraw from any course four weeks after the beginning of the semester.
39. All subjects shall be examined or otherwise assessed at the end of each semester, and the results shall count in determining successful completion of studies.
40. A candidate who fails to attain a minimum overall GPA of 1.8 from courses examined in the academic year shall be discontinued forthwith.
41. A candidate who fails with an overall GPA of 1.8 or above from courses examined in the academic year will be allowed to supplement the failed courses.
42. A candidate who fails to clear all courses in a supplementary Examination but has an overall minimum GPA of 2.0 from courses examined in the academic year shall be allowed to carryover the failed courses within the maximum period of registration.
43. A candidate who fails to clear any supplementary examination of a compulsory course and has an overall GPA of less than 2.0 from courses examined in the academic year shall be discontinued from studies.
44. Final Year Projects will be assessed and the results contribute to the Fourth Year overall GPA, as well as Final GPA for degree classification.
45. Assessment of the Final Year Projects shall base on a written Project Report and Oral Presentation of the Project work. Students shall submit error free copy of the Final Project Report.
46. The weight of Projects will be determined as for any other course, based on the number of contact hours. For all degree programmes offered by CoET, the total credits from the two Final Projects will be 24.0, where Final Year Project I will contribute 8.0 credits and Final Year Project II will contribute 16.0 credits.
47. A candidate who fails in any of the Final Projects shall be allowed to take a corresponding Supplementary Project. The time allocated for a Supplementary Project shall be 12 weeks after the release of the results.
48. A candidate who fails to clear a Supplementary Project shall repeat the project in the first semester of the subsequent year.

Weighting of Results and Classification of Degrees

49. Computation of the average score for a degree shall be based on the minimum number of units required to complete the degree programme or closest number marginally exceeding the prescribed units in cases where the number is not exactly achievable, as follows:
    (a) All the prescribed core courses.
    (b) The best units from the other compulsory courses offered such as student's project(s) and the three practical training sessions in industry as well as elective courses.

50. The total weight factor of the minimum number of units obtained as stipulated in Regulation 49 shall be 1.0. The contribution of each course module to this weight factor shall be proportional to its number of units as shown in the curriculum.
51. For purposes of classification of degrees, a five-point system will be used to compute the final grade.
52. The letter grade will be assigned points as follows:
53. A=5; B+=4; B=3 C=2; D=1; E=0
54. To get a score for each course, the points obtained as in 51 above shall be multiplied by the weights as in Regulation 50.
55. All weights under 50 above shall carry one decimal place.

Regulations Applicable to All Engineering Students

56. The total score for the degree will be the total of the weighted scores for all contributing courses obtainable under Regulation 52.
57. Irrespective of the provision given in regulation 49 above, all courses taken by a student shall be entered in the transcript.

Regulations on Practical Training in Industry (PT)

58. For each degree programme except BArch. there shall be three PT sessions each of 8 weeks duration. For BArch. there shall be four PT sessions each of 8 weeks duration. The PT shall be conducted after the first, second and third (and fourth for BArch.) academic years.
59. Each PT shall be treated as a course of the succeeding academic year.
60. Each PT shall be assessed and the grade obtained shall count towards the final degree award. The total weight of the 3 PTs will be determined as for any other course, based on the number of contact hours. Each PT will contribute 8 credits.
61. A student who, for good reasons to satisfy the College Board, could not complete part of PT will be assigned an "I" grade for that PT and will be required to complete that particular part of the training within a certain period as will be specified by the College Board.
62. A student who could not complete part of PT for reasons others than those stipulated in 59 above, will be considered to have absconded the PT, and shall be discontinued.
63. Practical Training reports will be handed in for assessment before the end of the second week of the first semester.
64. Internal assessment shall be completed before the end of the first semester.
65. A student who fails a PT shall supplement the PT before starting the next one.
66. A student who fails a supplementary PT shall be discontinued forthwith.
67. Students who do not go to places allocated to them for PT without satisfactory reasons will be deemed to have absconded from their PT and will, as a result, be discontinued from their studies.
68. Students who go to the allocated PT places but refuse to follow the training programme will be deemed to have absconded and consequently shall be discontinued from studies.

Courses Offered by CoET Departments
Course Structure and Outlines

Allocation of students to departments is done at the time of admission on the basis of their applications to join the University and entry qualifications. In addition to core courses, third and fourth year students are given opportunity to choose some additional courses (electives) offered by other departments of CoET, or of any other Colleges/Schools and Institutes of the University if these courses are approved by the respective CoET Departmental Boards and fit in the timetable. The courses comprise both theoretical education and practical instruction in the CoET workshops, Laboratoryoratories and-in industry. After completing the second semester; first, second and third year students are required to undertake Practical Training (PT) in industry.

Explanatory Notes on the Coding of Courses

The code consists of five characters. The first two identify the academic unit that hosts the course (department, institute, or College if it is a CoET-wide course). The third digit identifies the level of the course, the fourth identifies the specific section of the academic unit offering the course and the fifth identifies the different courses within the academic unit. The codes of academic units are as follows:

AR	-	Architecture
CE	-	Civil Engineering
CH	-	Chemistry
CL	-	Communication Skills
CP	-	Chemical and Process Engineering
CS	-	Computer & Systems Engineering
DP	-	Electrical Power Engineering
DS	-	Development Studies
EE	-	Electrical Engineering
EG	-	Engineering (CoET) General Course
EN	-	Energy Engineering
FB	-	Food and Biochemical Engineering
FP	-	Fine and Performing Arts
GT	-	Geomatics
IE	-	Industrial Engineering
ME	-	Mechanical Engineering
MG	-	Engineering Management and Entrepreneurship
MT	-	Mathematics (for non-majors)
PD	-	Design and Production Engineering
QS	-	Quantity Surveying
SD/SC	-	Structural and Construction Engineering
TE	-	Telecommunications Engineering
TM	-	Construction Technology and Management
TR	-	Transportation and Geotechnical Engineering
TX	-	Textile Engineering/Textile Design and Technology
WR	-	Water Resources Engineering

Common Courses to all Engineering Programmes

Code	Course Title	Credits	Semester	Status
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
DS 112	Development Perspectives I	12E	1	Core
EE 171	Introduction to Computers & Programming for Engineers	8E	1	Core
ME 101	Engineering Drawing	8	1	Core
SC 121	Statics	12E	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
DS 113	Development Perspectives II	12E	2	Core
MT 171	One Variable Calculus & Diff. Equation for Non-Majors	12E	2	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
MT 271	Statistics for Non – Majors	12E	2	Core

DEPARTMENTS OF STRUCTURAL AND CONSTRUCTION ENGINEERING (SCE), WATER RESOURCES ENGINEERING (WRE) AND TRANSPORTATION AND GEOTECHNICAL ENGINEERING (TGE)

Bachelor of Science in Civil Engineering

Code	Course Title	Credits	Semester	Status
First Year				
CL111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
DS 112	Development Perspectives I	12E	1	Core
ME 101	Engineering Drawing	8E	1	Core
SC 121	Statics	12E	1	Core
TR 111	Engineering Surveying I	8E		Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
CE 111	Workshop Training I	4E	1	Core
SC 102	Civil Engineering Drawing	10E	2	Core
SC 112	Civil Engineering Materials I	12E	2	Core
SC 122	Dynamics of Solids	8E	2	Core
DS 113	Development Perspectives II	8E	2	Core
TR 112	Engineering Surveying II	8E	2	Core
MT 171	One Variable Calculus and Differential Equation for Non-Majors	12E	2	Core
SC 131	Fundamentals of Building Design	8E	2	Core
CE 112	Workshop Training II	4E	2	Core
Second Year				
SC 211	Civil Engineering Materials II	12E	1	Core
SC 201	Mechanics of Materials	8E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
TR 231	Geology for Civil Engineers	8E	1	Core
WR 211	Fluid Mechanics for Civil Engineers	12E	1	Core
SC 221	Analysis of Statically Determinate Structures	12E	1	Core
MT 271	Statistics for Non-Majors	12E	2	Core
TR 221	Transportation System and Planning	12E	2	Core
TR 232	Soil Mechanics	12E	2	Core
WR 212	Open Channel Hydraulics	8E	2	Core
WR 213	Hydraulic Practicals	4	2	Core
WR 231	Water Supply and Treatment	12E	2	Core
SC 222	Analysis of Statically Indeterminate Structures	12E	2	Core
CE 100	Practical Training I	8	2	Core
Third Year				
SC 341	Design of Reinforced Concrete Structures I	8E	1	Core
TR 334	Foundation Engineering I	8E	1	Core
TR 331	Highway Materials	12E	1	Core
WR 321	Engineering Hydrology	12E	1	Core

Code	Course Title	Credits	Semester	Status
TR 321	Highway Route and Geometric Design	12E	1	Core
	Electives (Minimum)	12E	1	Core
TR 335	Foundation Engineering II	8E	2	Core
SC 342	Design of Reinforced Concrete Structures II	8E	2	Core
SC 312	Research Methodology for Civil Engineers	8E	2	Core
TR 323	Traffic Engineering and Management	12E	2	Core
TR 324	Pavement Design and Maintenance	12E	2	Core
SC 411	Design of Steel Structures	8E	2	Core
SC 441	Design of Masonry and Timber Structures	8E	2	Core
CE 200	Practical Training II	8E	2	Core
	Electives (Minimum)	8E	2	
Elective Courses				
SC 321	Dynamics of Structures	8E	1	Elective
TR 311	GIS Applications in Civil Engineering	8E	1	Elective
TR 325	Airport, Harbour and Railway Engineering	12E	1	Elective
TR 326	Labour Based Road Engineering	12E	2	Elective
WR 322	Rivers and Reservoirs Engineering	8E	2	Elective
WR 325	Irrigation and Drainage Engineering	12E	2	Elective

Fourth Year

Code	Course Title	Credits	Semester	Status
SC 401	Construction Techniques and Site Organization	8E	1	Core
WR 410	Design of Hydraulic structures and Machinery	8E	1	Core
SC 431	Engineering Economics and Planning Techniques	12E	1	Core
CE 498	Final Project I	8E	1	Core
	Electives (Minimum)	24E	1	
SC 432	Civil Engineering Procedures & Ethics	8E	2	Core
WR 452	Wastewater Treatment	12E	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
CE 499	Final Project II	12E	2	Core
CE 300	Practical Training III	8E	2	Core
Elective Courses				
SC 402	Maintenance and Rehabilitation of Constructed Facilities	8E	1	Elective
SC 422	Numerical Methods in Structural Engineering	8E	1	Elective
SC 442	Fundamentals of Pre-stressed Concrete	8E	2	Elective
SC 472	Design of Bridges	8E	1	Elective
TR 431	Machine Foundations	8E	2	Elective
TR 421	Transportation Economics	8E	2	Elective
WR 423	Applied Hydrogeology	8E	2	Elective
WR 460	Management of Solid and Hazardous Waste	12E	1	Elective
SC 420	Management of Construction Projects	12E	1	Elective
WR 470	Environmental Impact Assessment	8E	2	Elective

Bachelor of Architecture

First Year

Code	Course Title	Credits	Semester	Status
CL 111	Communication Skills for Engineers	12E	1	Core
AR 111	Studio Design Project I	20	1	Core
AR 121	Architectural Graphics – Free hand	8E	1	Core
DS 112	Development Perspectives I	12	1	Core
SC 110	Building Materials I	8E	1	Core
SC 123	Mechanics for Architects	8E	1	Core
AR 141	Workshop Training I	4E	1	Core
AR 112	Studio Design Project II	20	2	Core
AR 142	Workshop Training II	4E	2	Core
DS 113	Development Perspectives II	12	2	Core
AR 122	Architectural Graphics – with tools	8E	2	Core
AR 131	History of African Architecture	8E	2	Core
AR 132	Theory of Architecture	8E	2	Core
SC 132	Building Construction I	8E	2	Core
TR 113	Introduction to Land Surveying	8E	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
AR 213	Studio Design Project III	20	1	Core
AR 233	History of World Architecture	8E	1	Core
AR 224	Architectural Graphics - Computer Aided	8E	2	Core
SC 220	Building Materials II	8E	1	Core
AR 232	Building Services I	8E	1	Core
SC 202	Building Economics	8E	1	Core
SC 223	Building Structures I	8E	1	Core
AR 214	Studio Design Project IV	24	2	Core
AR 223	Architectural Rendering	8E	1	Core
AR 254	Professional Practice I	12	2	Core
AR 261	Settlement Planning	8E	2	Core
AR 243	Building Services II	8E	2	Core
AR 100	Practical Training I	8	2	Core

Third Year

Code	Course Title	Credits	Semester	Status
AR 315	Studio Design Project V	24	1	Core
SC 311	Building Services III	8E	1	Core
AR 364	Urban Design	8E	1	Core
AR 354	Professional Practice II	12	1	Core
***	*Electives I*	*12*	*1*	*Elective*
AR316	Studio Design Project VI	24	2	Core
SC 323	Analysis of Building Structures	8E	2	Core
SC 301	Building Construction II	8E	2	Core
AR372	Architectural Specification	8E	2	Core
AR334	Architectural Conservation	8E	2	Core
AR200	Practical Training II	8	2	Core
***	*Electives II*	*12*	*2*	*Elective*

Code	Course Title	Credits	Semester	Status
Third Year Elective Courses				
WR460	Management of Solid and Hazardous Waste	12E	1	Elective
SC 420	Management of Construction Projects	12E	1	Elective
SC 402	Maintenance and Rehabilitation of Constructed Facilities	12E	1	Elective
AR447	Architectural Science	12E	1	Elective
ME 201	Design Methodology	12E	1	Elective
ME 206	Strength of Materials II	12E	2	Elective
Fourth Year				
AR 417	Studio Design Project VII	24	1	Core
SC 403	Research Methodology	8E	1	Core
WR470	Environmental Impact Assessment	12E	1	Core
AR 452	Architectural Project Management	8E	1	Core
AR 452	Architectural Project Management	8E	1	Core
SC 423	Building structures II	8E	1	Core
***	*Electives III*	*12*	*1*	*Elective*
AR 418	Studio Design Project VIII	24	1	Core
AR 462	Urban Sociology	8E	2	Core
AR 451	Entrepreneurship	12E	2	Core
SC 404	Project Procurement	8E	2	Core
AR 300	Practical Training III	8	2	Core
***	*Electives IV*	*12*	*2*	*Elective*
Fourth Year Elective Courses				
AR 465	Urban Development and Housing	12E		Elective
AR 467	Basics of Interior Design	12E		Elective
AR 466	Basics of Landscape Design	12E		Elective
AR 488	Design for Emerging Technologies	12E		Elective
Fifth Year				
AR 585	Studio Design Project IX	36	1	Core
AR598	Final Project 1	24	1	Core
AR599	Final Project 2	60	2	Core
AR 400	Practical Training IV	8	2	Core

Bachelor of Science in Quantity Surveying

First Year

Code	Course Title	Credits	Semester	Status
CL 111	Communication Skills for Engineers	12E	1	Core
DS 112	Development Perspectives I	12	1	Core
TR 111	Engineering Surveying I	8E	1	Core
SC 121	Statics	8E	1	Core
QS 122	Building Technology I	12E	1	Core
QS 174	Introduction to Mathematics	8E	1	Core
QS 176	Introduction to Information Technology	8E	1	Core

Code	Course Title	Credits	Semester	Status
EC 116	Introduction to Micro-Economics I	8E	1	Core
DS 113	Development Perspectives II	12	2	Core
SC 201	Mechanics of Materials	8E	2	Core
SC 112	Civil Engineering Materials I	8E	2	Core
TR 112	Engineering Surveying II	8E	2	Core
QS 125	Building Technology II	12E	2	Core
QS 132	Measurement of Building Works I	12E	2	Core
QS 151	Project Work I	8	2	Core
EC 117	Introduction to Micro-Economics II	8E	2	Core
Second Year				
MT 271	Statistics for Non Majors	12E	1	Core
SC 212	Civil Engineering Materials II	8E	1	Core
QS 213	Design of Structures I	8E	1	Core
QS 222	Building Technology III	12E	1	Core
QS 232	Measurement of Building Works II	12E	1	Core
SC 202	Building Economics	8E	1	Core
QS 243	Law for Quantity Surveyors I	8E	1	Core
QS 251	Project Work II	8	1	Core
QS 214	Design of Structures II	8E	2	Core
QS 223	Building Services	12E	2	Core
QS 224	Building Construction I	12E	2	Core
QS 239	Measurement of Building Works III	12E	2	Core
QS 241	Management Theory	12E	2	Core
QS 252	Project Work III	8	2	Core
QS 100	Practical Training I	8	2	Core
Third Year				
QS 324	Civil Engineering Construction II	8E	1	Core
QS 333	Measurement of Civil Engineering Works I	12E	1	Core
QS 334	Measurement of Building Services	12E	1	Core
QS 336	Estimating and Price Analysis	8E	1	Core
QS 343	Law for Quantity Surveyor II	8E	1	Core
QS 351	Project Work IV	8	1	Core
***	*Elective I*	*8E*	*1*	*Elective*
QS 339	Measurement of Civil Engineering Works II	12E	2	Core
QS 335	Construction Economics I	12E	2	Core
QS 338	Procurement	12E	2	Core
QS 344	Financial Accounting	8E	2	Core
QS 352	Project Work V	8	2	Core
QS 200	Practical Training II	8	2	Core
***	*Elective II*	*8E*	*2*	*Elective*
Third Year Elective Courses				
QS 361	Value management	8E	1	Elective
QS 366	Structural and Condition Surveys	8E	1	Elective
QS 364	Property Development	8E	2	Elective
QS 362	Maintenance Management and Technology	8E	2	Elective

Code	Course Title	Credits	Semester	Status
Fourth Year				
QS 435	Construction Economics II	12E	1	Core
QS 437	Contract Administration	12E	1	Core
QS 442	Construction Management	12E	1	Core
QS 452	Architectural Project Management	8E	1	Core
AR 451	Project Work VI	8	1	Core
SC 312	Research Methodology	8E	1	Core
QS 498	Final Project I	8	1	Core
***	*Elective III*	*8E*	*1*	*Elective*
SC 432	Ethics and Professional Practice	8E	2	Core
IE 445	Entrepreneurship	12E	2	Core
SC 404	Project Procurement	8E	2	Core
QS 300	Practical Training III	8	2	Core
QS 499	Final Year Project II	16	2	Core
***	*Elective IV*	*8E*	*2*	*Elective*
Fourth Year Elective Courses				
QS 363	Human Resource Management	8E	1	Elective
QS 367	Public Finance and Taxation	8E	1	Elective
QS 368	Real Estate Market Analysis	8E	2	Elective
QS 365	Control and Regulation of Buildings	8E	2	Elective

Bachelor of Science in Geomatics

First Year

Code	Course Title	Credits	Semester	Status
CL 111	Communication Skills for Engineers	12E	1	Core
DS 112	Development Perspectives I	12	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
GT 111	Introduction to Surveying	12E	1	Core
GT 115	Principles of Cartography	12E	1	Core
GT 173	Physics for Geomaticians	8E	1	Core
DS 113	Development Perspectives II	12	2	Core
GT 112	Topographic Surveying	8E	2	Core
EE 131	Fundamentals of Electronics for Engineers	12E	2	Core
GT 156	Introduction to Photogrametry	12E	2	Core
EE 172	Computer Programming for Engineers	8E	2	Core
GT 163	Computer Programming for Geomatics	12E	2	Core
MT 171	One Variable Calculus and Differential Equations for Non-Majors	12E	2	Core

Code	Course Title	Credits	Semester	Status
Second Year				
MT 261	Several Variable Calculus for Non Majors	12E	1	Core
GT 213	Electronic Surveying	12E	1	Core
GT 221	Introduction to Engineering Surveying	12E	1	Core
GT 241	Spherical and Ellipsoidal Geometry	8E	1	Core
GT 257	Remote Sensing Principles and Applications	8E	1	Core
LW 202	Land Law I	12E	1	Core
MT 271	Statistics for Non Majors	12E	2	Core
GT 214	Cadastral Surveying	12E	2	Core
GT 231	Adjustment Theory	12E	2	Core
GT 272	Urban Planning and Design Theory	12E	2	Core
GT 281	Project I: Cadastral Surveying	12	2	Core
LW 207	Land Law II	12E	2	Core
GT 100	Practical Training I	8	2	Core
Third Year				
GT 333	Applied Adjustment Theory	12E	2	Core
GE 353	Geographical Information Systems (GIS)	12E	1	Core
GT 342	Geometrical Geodesy	8E	1	Core
GT 351	Space Geodetic Techniques	8E	1	Core
GT 355	Satellite Surveying	12E	1	Core
GT 362	Numerical Methods	8E	1	Core
***	*Elective I*	*8E*	*1*	Elective
GT 332	Control Surveys	8E	2	Core
GT 324	Mine Surveying	12E	2	Core
GT 343	Map Projections	8E	2	Core
GT 352	Physical Geodesy	8E	2	Core
GT 361	Differential Geometry	8E	2	Core
GT 358	Database Management Systems	8E	2	Core
GT 382	Project II: Control Surveying	12	2	Core
GT 200	Practical Training II	8	2	Core
***	*Elective II*	*8E*	*2*	*Elective*
Third Year Elective Courses				
TR 311	GIS Applications in Civil Engineering	8E	1	Elective
TR 321	Highway Route and Geometric Design	12E	1	Elective
SC 312	Research Methodology for Civil Engineers	8E	2	Elective
WR 322	Rivers and Reservoirs Engineering	8E	2	Elective
Fourth Year				
GT 422	Engineering Surveying for Geomaticians	12E	1	Core
GT 453	Geophysics for Geomaticians	8E	1	Core
GT 454	Earth Gravity Field and its Applications	8E	1	Core
QS 452	Architectural Project Management	8E	1	Core
EI 354	Engineering Project Management	8E	1	Core
GT 483	Project III: Engineering Surveying	12E	1	Core
GT 498	Final Project I	8	1	Core

Code	Course Title	Credits	Semester	Status
***	*Elective III*	*8E*	*1*	*Elective*
IE 445	Entrepreneurship for Engineers	12E	2	Core
GT 423	Hydrographic Surveying	12E	2	Core
GT 471	Industrial Metrology	12E	2	Core
GT 300	Practical Training III	8	2	Core
GT 499	Final Year Project II	16	2	Core
***	*Elective IV*	*8E*	*2*	*Elective*
Fourth Year Elective Courses				
IE 441	Human Resource Management for Engineers	8E	1	Elective
SC 401	Construction Techniques and Site Organization	8E	1	Elective
SC 432	Civil Engineering Procedures and Ethics	8E	2	Elective
WR 470	Environmental Impact Assessment	8E	2	Elective

DEPARTMENT OF ELECTRICAL ENGINEERING

Bachelor of Science in Electrical Engineering

First Year

Code	Course Title	Credits	Semester	Status
CL 111	Communication Skills for Engineers	12E	1	Core
DS 112	Development Perspectives I	12	1	Core
EE 111	Workshop Training I	4E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
ME 101	Engineering Drawing	8	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
SC 121	Statics	12E	1	Core
DS 113	Development Perspectives II	12E	2	Core
EE 112	Workshop Training II	4E	2	Core
EE 131	Fundamentals of Electronics for Engineers	12E	2	Core
EE 152	Fundamentals of Electrical Engineering II	8E	2	Core
EE 153	Computer Aided Drafting for Electrical and Electronics Engineers	8	2	Core
EE 172	Computer Programming for Engineers	8E	2	Core
MT 171	One Variable Calculus and Differential Equation for Non-Majors	12E	2	Core
Second Year				
EE 221	High Voltage Engineering	12E	1	Core
EE 231	Electronics for Engineers I	8E	1	Core
EE 241	Measurements and Instrumentation Engineering I	12E	1	Core
EE 251	Electrical Network Analysis I	8E	1	Core
EE 253	Engineering Electromagnetics I	8E	1	Core

Code	Course Title	Credits	Semester	Status
ME 213	Electrical and Electronic Materials	8E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
EE 222	Electrical Power Transmission and Distribution	12E	2	Core
EE 242	Measurements and Instrumentation Engineering II	12E	2	Core
EE 252	Electrical Network Analysis II	8E	2	Core
EE 254	Engineering Electromagnetics II	8E	2	Core
ME 207	Mechanics of Machines	8E	2	Core
MT 271	Statistics for Non-Majors	12E	2	Core
EE 100	Practical Training I	8	2	Core
Third Year				
EE 311	Electrical Machines I	12E	1	Core
EE 313	Power Electronics I	8E	1	Core
EE 321	Electrical Power System Analysis I	8E	1	Core
EE 331	Electronics for Engineers II	12E	1	Core
EE 341	Control Systems Engineering I	12E	1	Core
	Elective (Minimum 3.0 Units)	*12E*	*1*	
EE 312	Electrical Machines II	12E	2	Core
EE 314	Power Electronics II	8E	2	Core
EE 322	Electrical Power System Analysis II	8E	2	Core
EE 323	Electrical Power Utilization	12E	2	Core
EE 342	Control Systems Engineering II	12E	2	Core
EE 200	Practical Training II	8	2	Core
	Elective (Minimum 3.0 Units)	12E	2	
Elective courses for Third year of study				
EE324	HVDC Transmission	12E	1	Elective
TE 311	Introduction to Analogue Telecommunication I	12E	1	Elective
CS 353	Microcomputer Systems I	10E	1	Elective
ME 322	Renewable Energy Technologies	12E	2	Elective
TE 312	Introduction to Analogue Telecommunication II	12E	2	Elective
CS 354	Microcomputer Systems II	10E	2	Elective
Fourth Year				
EE 411	Electrical Machine III	12E	1	Core
EE 421	Electrical Power Plants	8E	1	Core
EE 422	Power System Operation & Control	12E	1	Core
IE 443	Industrial Safety and Maintenance	8E	1	Core
EE 498	Final Project I	8.0	1	Core
	Elective (Minimum 3.0 Units)	12E	1	
SC 430	General Engineering Procedures and Ethics	12E	2	Core
EE 423	Switchgear and Protection Engineering	12E	2	Core

Code	Course Title	Credits	Semester	Status
IE 445	Entrepreneurship for Engineers	12E	2	Core
EE 499	Final Project II	12	2	Core
EE 300	Practical Training III	8.0	2	Core
	Elective (Minimum 3.0 Units)	12E	2	

Elective courses for Fourth year of study

Code	Course Title	Credits	Semester	Status
IE 440	Engineering Economics	8E	1	Elective
IE 441	Human Resources Management for Engineers	8E	1	Elective
CS 452	Microcomputer systems III	8E	1	Elective
EE 415	Variable Speed Drives	12E	1	Elective
EE 416	Solid State Applications in Power Systems	12E	2	Elective
EE 414	Special Electrical Machines	12E	2	Elective

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

Bachelor of Science in Chemical and Process Engineering

First Year

Code	Course Title	Credits	Semester	Status
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
CP 111	Workshop Training I	4	1	Core
CL 111	Communication Skills for Engineers	12E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 112	Development Perspectives I	12E	1	Core
ME 101	Engineering Drawing	8	1	Core
SC 121	Statics	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
CP 102	Fundamentals of Chemical and Biochemical Engineering	8E	2	Core
EE 172	Computer Programming for Engineers	8E	2	Core
CP 105	Materials and Energy Balance	12E	2	Core
DS 113	Development Perspectives II	12E	2	Core
CP 112	Workshop Training II	4	2	Core
ME 106	Strength of Materials I	8E	2	Core
MT 171	One Variable Calculus & Diff. Equations for Non-Majors	12E	2	Core
ME 103	Computer Aided Drafting	8.0	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
CH 240	Physical Chemistry	12E	1	Core
ME 201	Design Methodology	8E	1	Core
ME 206	Strength of Materials II	12E	1	Core
CP 203	Engineering Thermodynamics	12E	1	Core

Code	Course Title	Credits	Semester	Status
CP 211	Chemical Engineering Fluid Mechanics	12E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
CH 117	Organic Chemistry	12E	2	Core
CH 219	Systematic Inorganic Chemistry	8E	2	Core
CH 270	Chemical Engineering Laboratory I	8	2	Core
CP 209	Biochemical Engineering	12E	2	Core
CP 260	Computer Application in Chemical Engineering	12	2	Core
MT 271	Statistics for Non-Majors	12E	2	Core
CP 100	Practical Training I	8.0	2	Core
Third Year				
CP 330	Unit Operations I	12E	1	Core
IE 340	Engineering Operations Management	12E	1	Core
CP 320	Quality Control in Chemical and Food Industries	8E	1	Core
	Elective I (minimum)	12	1	
CP 350	Chemical Engineering Laboratory II	8.0E	1	Core
IE 440	Engineering Economics	8.0E	1	Core
CP 340	Heat and Mass Transfer	12E	2	Core
CP 325	Process Plant Equipment	12E	2	Core
CP 327	Reaction Engineering	12E	2	Core
CP 310	Elements of Environmental Engineering	12E	2	Core
CP 200	Practical Training II	8	2	Core
	Elective II (minimum)	12	2	
Third Year Elective Courses				
CP 371	Plastic Technology	12E	1	Elective
CP 379	Fermentation Technology and its Applications	12E	1	Elective
CP 374	Design of Experiments	12	1	Elective
CP 375	Process Plant Technologies	12	2	Elective
CP 376	Pulp and Paper Technology	12	2	Elective
Fourth Year				
CP 432	Unit Operations II	12E	1	Core
CP 425	Plant Design and Economics	12	1	Core
	Elective I (minimum)	12	1	Core
CP 498	Final Project I	8	1	Core
IE 443	Industrial Safety and Maintenance	8E	1	Core
CP 426	Process Dynamics and Control	12E	1	Core
CP 435	Gas and Petroleum Processing	8E	2	Core
CP 450	Chemical Engineering Laboratory III	8	2	Core
CP 499	Final Project II	12	2	Core

Code	Course Title	Credits	Semester	Status
SC 430	General Engineering Procedures and Ethics	12E	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
CP 300	Practical Training III	8	2	Core
	Elective II (minimum)	*12*	*2*	Elective
Fourth Year Elective Courses				
CP 472	Introduction to Industrial Ecology	12E	2	Elective
CP 473	Risk Assessment and Management	12E	2	Elective
CP 479	Engineering Properties of Foods and Packaging Materials	12E	2	Elective

DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING

Bachelor of Science in Mechanical Engineering

Code	Course Title	Credits	Semester	Status
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8.0E	1	Core
DS 112	Development Perspectives I	12	1	Core
EE 151	Fundamentals of Electrical Engineering I	8.0E	1	Core
ME 101	Engineering Drawing	8.0	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
SC 121	Statics	12E	1	Core
ME 111	Workshop Training I	4.0E	1	Core
DS 113	Development Perspectives II	12E	2	Core
EE 152	Fundamentals of Electrical Engineering II	8.0E	2	Core
ME 113	Workshop Training II	8.0E	2	Core
ME 103	Computer Aided Drafting	8.0	2	Core
ME 106	Strength of Materials I	8.0E	2	Core
MT 171	One Variable Calculus and Differential Equations for Non-Majors	12E	2	Core
EE 131	Fundamentals of Electronics for Engineers	12E	2	Core
Second Year				
ME 201	Design Methodology	8.0E	1	Core
ME 206	Strength of Materials II	12E	1	Core
ME 218	Materials Technology I	12E	1	Core
ME 228	Mechanics of Fluids	12E	1	Core
EE 243	Measurements and Instrumentation for Non-majors	8.0E	1	Core
MT 261	Several Variable Calculus for Non-majors	12E	1	Core

Code	Course Title	Credits	Semester	Status
ME 202	Machine Elements and Design I	12E	2	Core
ME 208	Dynamics	8.0E	2	Core
ME 219	Materials Technology II	12E	2	Core
ME 226	Thermodynamics	12E	2	Core
ME 232	Manufacturing Technology I	12E	2	Core
MT 271	Statistics for Non-majors	12E	2	Core
ME 100	Practical Training I	8	2	Core
Third Year				
ME 302	Machine Elements and Design II	12E	1	Core
ME 303	Computer Aided Design	8.0E	1	Core
ME 324	Mechanical Control Systems	8.0E	1	Core
ME 332	Manufacturing Technology II	12E	1	Core
IE 340	Engineering Operations Management	12E	1	Core
	Electives (minimum)	*12*	*1*	*Elective*
ME 309	Design Project	8.0	2	Core
ME 325	Turbomachinery	8.0E	2	Core
ME 326	Combustion and Heat Transfer	12E	2	Core
ME 329	Internal Combustion Engines	8.0E	2	Core
ME 334	Computer Aided Manufacturing	8.0E	2	Core
IE 399	Research Methods for Engineers	8.0	2	Core
ME 200	Practical Training II	8.0	2	Core
	Electives (minimum)	*12*	*2*	*Elective*
Third Year Elective Courses				
ME 306	Solid Mechanics	12E	1	Elective
ME 308	Mechanical Vibration Analysis	8.0E	1	Elective
ME 317	Welding Metallurgy	8.0E	1	Elective
ME 322	Renewable Energy Technology	12E	2	Elective
ME 327	Industrial Energy Management	12E	2	Elective
Fourth Year				
ME 402	Material Handling Systems	8.0E	1	Core
ME 431	Industrial Automation	8.0E	1	Core
IE 440	Engineering Economics	8.0E	1	Core
IE 443	Industrial Safety and Maintenance	8.0E	1	Core
ME 428	Computational Fluid Dynamics	12E	1	Core
ME 498	Final Project I	8.0E	1	Core
	Electives (minimum)	*12*	*1*	*Elective*
ME 408	Noise and Vibration Control	12E	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
SC 430	General Engineering Procedures and Ethics	12E	2	Core
ME 499	Final Project II	12E	2	Core
ME 300	Practical Training III	8.0	2	Core
	Electives (minimum)	*12*	*2*	*Elective*

Code	Course Title	Credits	Semester	Status
Fourth Year Elective Courses				
ME 426	Refrigeration and Air-conditioning	8.0E	1	Elective
ME 425	Power Plants	12E	1	Elective
IE 442	Operations Research	8.0E	1	Elective
ME 417	Introduction to Polymer and Composite Materials	8.0E	2	Elective
ME 429	Automotive Engineering	12E	2	Elective
IE 441	Human Resources Management for Engineers	8.0E	2	Elective
IE 446	Innovation Management	8.0E	2	Elective

Bachelor of Science in Industrial Engineering

First Year

Code	Course Title	Credits	Semester	Status
IE 111	Workshop Training I	4.0E	1	Core
CL 111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8.0E	1	Core
DS 112	Development Perspectives I	12	1	Core
ME 101	Engineering Drawing	8.0	1	Core
EE 151	Fundamentals of Electrical Engineering I	8.0E	1	Core
SC 121	Statics	12E	1	Core
MT 161	Matrices and Basic Calculus for Non-majors	12E	1	Core
IE 112	Workshop Training II	8.0E	2	Core
DS 113	Development Perspectives II	12	2	Core
EE 152	Fundamentals of Electrical Engineering II	8.0E	2	Core
ME 103	Computer Aided Drafting	8.0	2	Core
IE 120	Introduction to Industrial Engineering and Entrepreneurship	8.0E	2	Core
EE 172	Computer Programming for Engineers	8.0E	2	Core
MT 171	One Variable Calculus and Diff. Equations for Non majors	12E	2	Core
ME 106	Strength of Materials I	8.0E	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
IE 201	Design of Work Systems	8.0E	1	Core
IE 220	Productivity and Business Competitiveness	8.0E	1	Core
ME 201	Design Methodology	8.0E	1	Core
CS 231	Computer Programming in Java	8.0E	1	Core
MT 261	Several Variable Calculus for Non-majors	12E	1	Core
IE 255	Industrial Information System	8.0E	1	Core
ME 206	Strength of Material II	12E	1	Core

Code	Course Title	Credits	Semester	Status
ME 202	Machine Elements and Design I	12.0E	2	Core
MT 271	Statistics for Non-majors	12.0E	2	Core
IE 232	Human Factors Engineering	12.0E	2	Core
CS 232	Web Technologies	8.0E	2	Core
ME 226	Thermodynamics	12E	2	Core
IE 260	Product Design	8.0E	2	Core
IE 245	Industrial Logistics Engineering	8.0E	2	Core
EI 100	Practical Training I	8.0	2	Core
Third Year				
IE 340	Engineering Operations Management	12E	1	Core
IE 354	Engineering Project Management	12E	1	Core
ME 303	Computer Aided Design	8.0E	1	Core
IE 370	Decision Support System Engineering	8.0E	1	Core
IE 347	Industrial System Engineering	8.0E	1	Core
	Electives (minimum)	12	1	Elective
ME 326	Combustion and Heat Transfer	8.0E	2	Core
IE 355	Quality Engineering and Management	8.0E	2	Core
IE 365	Industrial Systems Simulation	12	2	Core
ME 334	Computer Aided Manufacturing	8.0E	2	Core
ME 327	Industrial Energy Management	12	2	Core
IE 399	Research Methods for Engineers	8.0E	2	Core
EI 200	Practical Training II	8.0	2	Core
	Electives (minimum)	12	2	Elective
Electives				
IE 366	Queuing Theory	8.0E	1	Elective
IE 350	Industrial Environmental Management	8.0E	1	Elective
ME 332	Manufacturing Technology II	12E	1	Elective
IE 344	Introduction to Strategic Management	8.0E	2	Elective
ME 322	Renewable Energy Technology	12E	2	Elective
Fourth Year				
ME 431	Industrial Automation	8.0E	1	Core
IE 440	Engineering Economics	8.0E	1	Core
IE 442	Operations Research	8.0E	1	Core
IE 443	Industrial Safety and Maintenance	8.0E	1	Core
IE 446	Innovation Management	8.0E	1	Core
IE 498	Final Project I	8.0	1	Core
	Electives	*12*	*1*	*Elective*
SC 430	General Engineering Procedures and Ethics	12E	2	Core

Code	Course Title	Credits	Semester	Status
IE 448	Database Design and Analysis	12E	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
IE 499	Final Project II	12	2	Core
EI 300	Practical Training III	8.0	2	Core
	Electives (Minimum)	*12*	*2*	*Elective*
Electives				
IE 441	Human Resource Management for Engineers	8.0E	1	Elective
ME 425	Power Plants	12E	1	Elective
IE 444	Advanced Operations Research	8.0E	2	Elective
IE 447	Reliability Engineering	8.0E	2	Elective
ME 334	Computer Aided Manufacturing	8.0E	2	Elective

Bachelor of Science in Textile Design and Technology
First Year

Code	Course Title	Credits	Semester	Status
TX 103	Basic Mathematics for Textile Design	12.0E	1	Core
CS 171	Introduction to Computers and Programming for Engineers	8.0E	1	Core
TX 106	3D Workshop	8.0E	1	Core
PD 100	Engineering Drawing	10.0	1	Core
CL 111	Communications Skills for Engineers	12E	1	Core
DS 112	Development Perspectives I	12E	1	Core
TX 101	Apparel Technology	12E	1	Core
TX 108	Mathematics for Textile Design	12E	2	Core
TX 107	Principles of Design	12E	2	Core
TX 105	Pattern Design and Development	12E	2	Core
PD 101	Computer Aided Drafting	8.0	2	Core
TX 102	Product Branding and Brand Management	12E	2	Core
DS 113	Development Perspectives II	12.0E	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
TX 203	Introduction to Textile Processes	12E	1	Core
TX 201	Fibre Physics	8.0E	1	Core
TX 205	Textile Design with Fabrics	12E	1	Core
TX 211	Fashion Design	12E	1	Core
TX 202	Basic Textile Chemistry	8.0E	1	Core
CH 117	Organic Chemistry I	12E	2	Core
TX 206	Creative Fashion Design	12E	2	Core
TX 204	Textile Physics	8.0E	2	Core
TX 207	Textile Processes	8.0E	2	Core

Code	Course Title	Credits	Semester	Status
TX 217	Textile Chemistry	8.0E	2	Core
TX 208	Garment Technology	12E	2	Core
TX 210	Surface Textile Design	12E	2	Core
TX 218	Introduction to Interior Design	8.0E	2	Core
PT 1	Practical Training I	8	2	Core
Third Year				
TX 301	Textile Design with Garments	12E	1	Core
TX 302	Distribution and Logistics	8.0E	1	Core
TX 315	Coloration and Finishing Technology	8.0E	1	Core
TX 305	Marketing in Textiles	8.0E	1	Core
MG 340	Engineering Operations Management I	8.0E	1	Core
TX 323	Interior Design Technology	8.0E	1	Core
	Elective Minimum Units	8.0E	1	Elective
MG 441	Human Resource and Management	8.0E	1	Elective
IM 205	Business Research Methods	12E	1	Elective
TX 324	Fabric Technology	8.0E	1	Elective
TX 307	Colour Science and Technology	12E	2	Core
TX 304	CAD/CAM for Textiles	8.0E	2	Core
TX 308	Product Analysis	8.0E	2	Core
TX 309	Garment Pattern and Sample Development	12E	2	Core
TX 310	Supply Chain Management	12E	2	Core
PT 2	Practical Training II	8.0	2	Core
	Elective Minimum Units	8.0	2	Elective
MK 202	Marketing Research	12E	2	Elective
TX 409	Polymeric Biomaterials Engineering	8.0E	2	Elective
TX 320	Pulp and Paper Technology	8.0E	2	Elective
Fourth Year				
TX 498	Final Project I	8.0	1	Core
TX 401	Textile and Fashion Product Development	12E	1	Core
TX 402	Textile and Fashion Retail Promotion	12E	1	Core
TX 406	Environmental Aspects in Textile and Allied Industries	8.0E	1	Core
TX 414	Textile Quality Improvement	12E	1	Core
	Elective Minimum Units	8.0	1	Elective
MG 443	Industrial Safety and Maintenance	8.0E	1	Elective
TX 408	Leather and Footwear Technology	8.0E	1	Elective
TX 314	Nonwoven Engineering Principles	8.0E	1	Elective
TX 499	Final Project II	16	2	Core
TX 404	Textile and Fashion Visualization	12E	2	Core
MG 445	Entrepreneurship for Engineers	12E	2	Core

Code	Course Title	Credits	Semester	Status
PT 3	Practical Training III	8.0	2	Core
	Elective Minimum Units	8.0	2	Elective
EN 339	Principles of Industrial Energy and Environmental Management	8.0E	2	Elective
TX 415	Textile Economics	12E	2	Elective
TM 400	Engineering Ethics and Professional Conduct	4.0E	2	Elective

Bachelor of Science in Textile Design and Technology

First Year

Code	Course Title	Credits	Semester	Status
MT 161	Matrices and Basic Calculus for Non-Majors	12.0E	1	Core
CS 171	Introduction to Computers and Programming for Engineers	8.0E	1	Core
PD 100	Engineering Drawing	8.0	1	Core
CL 111	Communications Skills for Engineers	12.0E	1	Core
SD 105	Statics	12.0E	1	Core
DP 171	Fundamentals of Electrical Engineering I	8.0E	1	Core
DS 112	Development Perspectives I	8.0E	1	Core
PD 101	Computer Aided Drafting	12	2	Core
DP 172	Fundamentals of Electrical Engineering II	8.0E	2	Core
MT 171	One Variable Calculus and Diff. Equations for Non Majors	12.0E	2	Core
TE 171	Introduction to Electronics Engineering	12.0E	2	Core
DS 113	Development Perspectives II	12E	2	Core
EG 119	Workshop Training	12.0E	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
MT 261	Several Variables Calculus for Non Majors	12.0E	1	Core
TX 203	Introduction to Textile Processes	12.0E	1	Core
TX 202	Basic Textile Chemistry	8.0E	1	Core
TX 201	Fibres Physics	8.0E	1	Core
CH 117	Organic Chemistry I	12.0E	1	Core
TX 214	Polymer Science	12.0E	1	Core
TX 227	Theory of Textile Structures	12.0E	2	Core
EN 226	Thermodynamics I	12.0E	2	Core
TX 204	Textile Physics	8.0E	2	Core
TX 217	Textile Chemistry	8.0E	2	Core
MT 271	Statistics for Non Majors	12.0E	2	Core
ME 207	Mechanics of Machines	8.0E	2	Core
TX 207	Textile Processes	8.0E	2	Core
PT 1	Practical Training I	8.0	2	Core

Code	Course Title	Credits	Semester	Status
Third Year				
TX 311	Spinning Mechanics	1.02E	1	Core
TX 312	Weaving Mechanics	12.0E	1	Core
EN 326	Thermodynamics II	8.0E	1	Core
TX 313	Knitting Technology	8.0E	1	Core
TX 314	Nonwoven Engineering Principles	8.0E	1	Core
TX 315	Coloration and Finishing Technology	8.0E	1	Core
	Electives Minimum Units	*8.0*	*1*	Elective
IM 205	Business Research Methods	12.0E	1	Elective
MG 441	Human Resource and Management	8.0E	1	Elective
TX 316	Yarn Design and Construction	8.0E	1	Elective
TX 304	CAD/CAM for Textiles	8.0E	2	Core
TX 322	Coloration of Textile Materials	12E	2	Core
MG 340	Engineering Operations Management I	8.0E	2	Core
TX 317	Textile Materials Testing	12.0E	2	Core
TX 318	Textile Machinery and Maintenance	12.0E	2	Core
PT 2	Practical Training II	8.0	2	Core
	Elective Minimum Units	*8.0*		
TX 409	Polymeric Biomaterials Engineering	8.0E	2	Elective
TX 320	Pulp and Paper Technology	8.0E	2	Elective
TX 321	Fabric Design and Construction	8.0E	2	Elective
Fourth Year				
TX 498	Final Project I	8.0	1	Core
TX 412	Spinning Engineering	12.0E	1	Core
TX 414	Textile Quality Improvement	12.0E	1	Core
TX 452	Colour Measurement	12.0E	1	Core
TX 450	Textile Composites	8.0E	1	Core
MG 443	Industrial Safety and Maintenance	8.0E	1	Core
	Electives Minimum Units	*8.0*	*1*	*Elective*
TX 406	Environmental Aspects in Textile and Allied Industries	8.0E	1	Elective
TX 408	Leather and Footwear Technology	8.0E	1	Elective
TX 417	Technical Textiles	8.0E	1	Elective
TX 499	Final Project II	16.0	2	Core
TX 413	Weaving Engineering	12.0E	2	Core
MG 445	Entrepreneurship for Engineers	12.0E	2	Core
TX 451	Knitting Structures	8.0E	2	Core
PT 3	Practical Training III	8.0	2	Core
	Electives Minimum Units	*8.0*	*2*	*Elective*
EN 339	Principles of Industrial Energy and Environmental Management	8.0E	2	Elective
PD 431	Automation and Robotics	12.0E	2	Elective
TX 415	Textile Economics	12.0E	2	Elective

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M. J. Lugenge (Std VII, Fitter and Turner Trade Test Grade I)

Workshop Assistants I
J. H. Mwanahumu (Std VII, Welding Trade Test Grade I)
A. C. Nyenyembe (Form IV, Electrical Installation Trade Test Grade I)

Secretary
Q. Mwalukunga, Form IV, Diploma (TPSC, Dar)

TRAINING WORKSHOPS (TWs)
Senior Workshop Instructor I and Head
M. S. Killo, FTC (DTC), ADE (DIT), PGD (Dar)

Laboratory Engineer III
A. Mwaibambe, BScEng (Dar)

Chief Workshop Instructors
M. P. Jahulula, FTC (TCA), ADE (DIT), PGD, MEM (Dar), MBA (Tumaini), B.Law (Dar)
W. R. Mwaruka, BScEng, MSc (Dar)

Principal Laboratory Technician I
A. A. Mchomvu, FTC (TCA), BScEng (OUT)

Workshop Instructor I
F. R. Duduye, FTC (TCA), ADE (DIT), PGD (Dar)
G. P. Makusa, BScEng (Dar), MSc, PhD (Stokholm)
J. S. Mnendendo, BScEng (CSE), MSc (HE) (Dar)
S. P. Kyabula, BScEng (CSE) (Dar)

Workshop Instructors II
E. W. Mkenda, DipEng (ATC), BScEng (DIT), MEng (DIT),
J. I. Kiyenzemale, BScEng (SAUT)
R. D. Kokushuliza, BScEng, MSc (Dar)
N. Pantaleo, BScEng (Dar)
I. Sichone, BScEng (Dar)
H. Jumaa, BScEng Mozambique
R. Kaucky, BScEng (MUST)

Principal Technician II
R. J. Manota, FTC (DIT), ADE (MIST), MSc MEMM (DIT),

Senior Technician I
M. E. Msengi, CertPed (Germany), FTC (DIT)

Senior Laboratory Assistant I
D. R. Mutayoba, Trade Test Grade I (NVTC), CertPed (Germany)

Principal Artisan I
T. R. Mwanjala, Trade Test Grade I (NVTC)

Principal Woekshop Assistants
A. L. Kwembe, Trade Test Grade I, OD (MIST), BScEn (MUST),
C. C. Kalikera, Trade Test Grade I (NVTC)

Workshop Assistants II
F. F. Mtafya Cert (NTA 2)
Y. O. Juma Cert (NTA 2)
A. Mtaningi Cert (NTA 3)

Office Management Secretary
D. L. Mataro, Ord. Dipl. (TPSC)

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*   On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment

COLLEGE OF HUMANITIES (CoHU)

INTRODUCTION

The College of Humanities (CoHU) comprises of six academic departments, namely;
1. Archaeology and Heritage Studies,
2. Creative Arts,
3. Foreign Languages and Linguistics,
4. History,
5. Literature, and
6. Philosophy and Religious Studies.

The College also has two centres namely; the Centre for Communication Studies (CCS) and the Humanities Research Centre (HRC).

The College operates in a semester system, in which the academic year is divided into two semesters. Each course is given credit weight according to the time devoted to it on the teaching timetable. All courses in the College consist of 12 credits, equivalent to 120 hours per semester (of 15 weeks). The following are the codes of the courses offered by the College:

CA: Creative Arts	CL: Communication Studies
CM: Chinese Languages	LL: Foreign Languages and Linguistics
HI: History	LT: Literature
AY: Archaeology and Heritage Studies	PL: Philosophy and Religious Studies
HM: Heritage Management	

A student in the College must take at least 60 credits and at most 72 credits per semester. This means that a student must take a minimum of 120 credits and a maximum of 144 credits per year. For a three-year programme a student will be conferred a degree if he/she has attained from prescribed courses at least 360 credits and maximum 432 credits.

The number of courses that students can opt from outside their departments have been determined by the respective departments in ways that maximize concentration on core courses considered to be most appropriate for the intended discipline specializations.

DEGREE PROGRAMMES

The College offers degree programmes as listed in Table 1. Every degree is anchored to a department, which is the hosting or offering department as indicated in the Table, except for the B. A. (Education) degree which is coordinated by the office of the Deputy Principal of the College.

Table 1: Degree Programmes in the College of Humanities:

SN	Degree Programme	Hosting Department
1	B. A. (Language Studies)	Foreign Languages and Linguistics
2	B. A. (Literature)	Literature
3	B. A. (Art and Design)	Creative Arts
4	B. A. (Music)	Creative Arts
5	B. A. (Theatre Arts)	Creative Arts
6	B. A. (Film and Television Studies)	Creative Arts
7	B. A. (History)	History
8	B. A. (Diplomatic and Military History)	History
9	B. A. (History and Political Science)	History
10	B. A. (History, Cultural Heritage Management &Tourism)	History
11	B. A. (Archaeology)	Archaeology and Heritage Studies
12	B. A. (Heritage Management)	Archaeology and Heritage Studies

SN	Degree Programme	Hosting Department
13	B. A. (Archaeology and Geography)	Archaeology and Heritage Studies
14	B. A. (Archaeology and History)	Archaeology and Heritage Studies
15	B. A. (Philosophy and Ethics)	Philosophy and Religious Studies
16	B.A. (Philosophy and Literature)	Philosophy and Religious Studies
17	B. A. (Communication Studies)	Centre for Communication Studies
18	B. A. with Education (Chinese and English Language)	CoHU/Confucius Institute
19	B. A. (Education) (CoHU)	Office of the Deputy Principal

Courses for any degree programme are classified as core, elective and college or university-wide. All degree programmes must comply with the 60 credits as minimum and a maximum of 72 credits per semester.

Table 2: College/University wide courses

Code	Title	Status
AS 102	Introduction to Social Science Research Methods (12 credits)	Core for all except B. A. (Education), B. A. (Language Studies), B. A. (Archaeology), B. A. (Archaeology and History), and B. A. (Archaeology and Geography) taking AY 214
AS103	Introduction to Quantitative Research Methods (12 credits)	Core for all except B. A. (Education), B. A. (Language Studies), B. A. (Archaeology), B. A. (Archaeology and History), and B. A. (Archaeology and Geography) taking AY 214
AS 217	Introduction to Computers (12 credits)	Elective for all
AS 220	Pan-Africanism: Thought and Practice I (12 credits)	Elective for all except where a Department decides otherwise
AS 221	Pan-Africanism: Thought and Practice II (12 credits)	Elective for all except where a Department decides otherwise
AS 299	Second Year CoHU Practical Training (formerly CASS PT) (12 credits)	Core for all except B. A. (Education), B. A. (Archaeology) B. A. (Archaeology and History), B. A. (Archaeology and Geography) taking AY 220 and B. A. (Heritage Management taking AY 230)*
CL106	Communication Skills for Arts and Social Sciences (12 credits)	Core for all except B. A. (Language Studies), B. A. (Literature) and B.A. Communication Studies
CL107	Communication Skills for Science	Elective for all except where the department decides otherwise
CL108	Business Communication	Core for all UDBS students
CL111	Communication Skills for Engineering	Core for all Engineering students
PL111	Introduction to Critical Thinking and Argumentation (12 credits)	Core for all except B. A. (Education)
DS112	Development Perspectives I (12 credits)	Core for all
DS113	Development Perspectives II (12 credits)	Core for all

For purposes of accounting, students taking AY 220 and AY 230 during the long vacation, do so in place of, not in addition to or along with, AS 299.

Admission Criteria

Admission into degree courses in the College follows criteria set by the University. Unless otherwise specified below, admission into any undergraduate degree programme in the College requires a minimum of at least two principal passes of the Advanced Certificate of Secondary Education Examination (ACSEE) in arts (social science) subjects or equivalent qualifications. Note that "equivalent qualifications" may be different between programmes and some programmes do not apply equivalent qualifications.

The following degree courses have modified admission criteria as follows:

B.A. (Language Studies)
Direct entry: At least two principal passes in Language courses, two of which must be C grade in either Kiswahili, English or French.
Equivalent Entry: Diploma in Education with an average of "B+" or a minimum GPA of 3.5

B.A. (Literature)
Direct entry: At least principal passes in the following subjects English language, Kiswahili.
Equivalent Entry: Diploma in Education with an average of "B+" or a minimum GPA of 3.5

B.A. (Arts and Design)
Direct Entry: At least Two principal passes in any Arts, Business OR Science subjects.
Equivalent Entry: Diploma in any subject with an average of "B+" or minimum GPA of 3.5

B.A. (Music)
Direct Entry: Two principal passes in any Arts, Business OR Science subjects.
Equivalent Entry: Diploma in any subject with an average of "B+" or minimum GPA of 3.5

B.A. (Theatre Arts)
Direct Entry: Two principal passes in any Arts, Business OR Science subjects.
Equivalent Entry: Diploma in any subject with an average of "B+" or minimum GPA of 3.5

B.A. (Film and Television Studies)
Direct Entry: Two principal passes in any Arts, Business OR Science subjects.
Equivalent Entry: Diploma in any subject with an average of "B+" or minimum GPA of 3.5

B.A. (History)
Direct Entry: At least two Principal level passes, one of which mustbe in History, with a "D" grade in History, and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.

Equivalent Entry: Diploma in Architecture, Archival Studies, Records Management, Library or Social Work.

B.A. (Diplomatic and Military History)
Direct Entry: At least two Principal level passes, one of which must be in History, with a "C" grade in History, and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.

Equivalent Entry: Diploma in tourism, Social Work and Records Management. GPA > 3.5

B.A. (History and Political Science)
Direct Entry: At least two Principal level passes, one of which must be in History, with a "C" grade in History, and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.
Equivalent Entry: Diploma in Archival Studies, Record Management, International Relations, Diplomatic or Legal Studies. GPA > 4.0

B.A. (History, Cultural Heritage Management and Tourism)

Direct Entry: At least two Principal level passes, one of which must be in History, with a "C" grade in History, and principal pass in other subjects like English, Kiswahili, Economics, Geography, Fine Arts, French, or Arabic.

Equivalent Entry: Diploma in Diplomatic Studies, and in Legal Studies. GPA > 3.5

B.A. (Archaeology)

Direct Entry: At least two Principal level passes, in the following subjects; History, Geography, Kiswahili, English Language, French, Arabic, Fine Art, Economics, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture, Computer Science or Nutrition.

Equivalent Entry: Diploma in Social Work, Sociology, Cultural Heritage Management, Architecture, Geology or Education with anaverage of "B+'' or a minimum GPA of 3.5.

B.A. (Heritage Management)

Direct Entry: At least two Principal level passes, one in **History** and one from the following list of subjects: Economics, Geography, Kiswahili, English Language, French, Arabic, Fine Art, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture, Computer Science or Nutrition.

Equivalent Entry: Diploma in Heritage, Architecture, Education, Library, Social Work, Sociology, Records Management, Cultural Heritage Management, Tourism, Law, Wildlife, with anaverage of "B+'' or a minimum GPA of 3.5.

B.A. (Archaeology and Geography)

Direct Entry: At least two Principal level passes in the following subjects: History, Geography, Physics, Chemistry, Advanced Mathematics, or Computer Science.

Equivalent Entry: Diploma in Geography, Environmental Studies, History, Sociology, Social Work with an average of "B+'' or a minimum GPA of 3.5.

B.A. (Archaeology and History)

Direct Entry: At least two Principal level passes, one in **History** and one from the following list of subjects: Economics, Geography, Kiswahili, English Language, French, Arabic, Fine Art, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture, Computer Science or Nutrition.

Equivalent Entry: Diploma in Social Work, Sociology, Cultural Heritage Management, Architecture, Geology or Education with anaverage of "B+'' or a minimum GPA of 3.5.

B.A. (Philosophy and Ethics)

Direct Entry: At least two principal passes in the following subjects: History, Geography, Kiswahili, English Language, French, Arabic, Fine Art, Economics, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture, ComputerScience or Nutrition.

Equivalent Entry: Diploma in Philosophy with an average of "B+'' or a minimum GPA of 3.5.

B.A. (Literature and Philosophy)

Direct Entry:
Equivalent Entry:

B.A. (Communication Studies)

Direct Entry: At least two principal passes in the following subjects: History, Geography, Kiswahili, English Language, French, Arabic, FineArt, Economics, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture, Computer Science or Nutrition. In addition, one must have a minimum of "C" grade in English at O-Level.

Equivalent Entry: Diploma in Communication Studies, Public Relations, Education, Management, Tourism, Journalism and Mass Communication with an average of "B+'' or a minimum GPA of 3.5.

B. A. with Education (Chinese and English)

Direct Entry: Two principal passes in English Language and in one the following subjects: History, Geography, Kiswahili, French, Arabic, Fine Art, Economics, Commerce, Accountancy or Advanced Mathematics.

B. A. (Education)

Direct Entry: Two principal passes in the following subjects: History, Geography, Kiswahili, English Language, French, Arabic, Fine Art, Economics, Commerce, Accountancy or Advanced Mathematics

Equivalent Entry: Diploma in Education with an average of "B+'' or a minimum GPA of 3.5.

Post-Admission Change of Degree Programmes

A student will not be allowed to change from a degree programme he/she was admitted to another unless the candidate's points are equal to or higher than the cut-off point of the destination programme and provided that subjects passed comply fully with the requirements of the destination degree programme.

Students selected from Butimba Teachers' Training College and Taasisi ya Sanaa na Utamaduni Bagamoyo (TaSUBa, formerly the Bagamoyo College of Arts) for B. A. (Art and Design), B. A. (Film and Television Studies), B. A. (Music) and B. A. (Theatre Arts), as well as those selected from the UDSM Diploma in Heritage Management and Tour Guidance for B. A. (Heritage Management) or degree shall NOT change courses, Departments or Colleges because they have been admitted on restrictive criteria.

General Degree Regulations

1   A student admitted to the College of Humanities shall be enrolled in one of the degree courses listed above. Degree courses in the College of Humanities shall be of three-year duration.
2   In order to graduate from the College, a student must take and pass a minimum of 360 credits and a maximum of 432 credits.
3   Each student must take a minimum of 60 credits and a maximum of 72 credits per semester.

College Examination Regulations

1.   The regulations shall apply to all first, second-and third-year Bachelor of Arts examinations in the College.
2.   All first-year students shall register at the beginning of the first semester. Continuing students shall register at the end of the academic year for courses to be taken in the following year. Registration of courses shall be done online through the Academic Registration Information System (ARIS).
3.   The University Examinations shall include the entire process of assessment, that is, coursework assignments and tests, practical and final examinations.
4.   All courses offered during a semester shall be examined at the end of that semester except where the Principal of the College gives permission otherwise.
5.   Assessment of the student's progress shall be based on the following grading system:
     A: 70 - 100 %
     B+:60 - 69 %
     B: 50 - 59 %
     C: 40 - 49 %
     D: 35 - 39 %
     F: 0 - 34 %

6.   Course grade will be based on an end of course examination (University Examination) and a coursework assessment. The former (UE) shall constitute 60% of the total course assessment whereas the latter (course assessment) shall constitute 40%, normally split as follows: 20% from tests and other assignments, 10% from seminar presentation and another 10% from attendance and participation.
7.   For purposes of degree computation, these grades shall have the values of:
     A   =   5
     B+ =   4
     B   =   3

C = 2
D = 1
F = 0

8. The pass mark in each of the course taken shall be "C". The mark for "absolute fail" shall be "F".
   (i) Courses shall be weighted by multiplying the final grade of a given course by the number of its course credits.
   (ii) Course grades multiplied by the appropriate credits weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.
   (iii) The degree classification shall be based on the best 360 credits from the courses permitted under the degree programme.

9. The final Bachelor of Arts degree shall be graded as first class, upper second class, lower second class and pass as follows:
   First Class   4.4 – 5.0
   Upper Second   3.5 – 4.3
   Lower Second   2.7 – 3.4
   Pass   2.0 – 2.6

10. In each case, the average point shall be calculated on the basis of truncation after the first decimal point (e.g., 4.39 shall be taken as 4.3)
11. A student failing a course in any year shall be required to supplement provided the overall GPA is not less than 1.8. Supplementary examination shall be marked out of 60% and the coursework marks (out of 40%) shall be added to the supplementary marks to give the student a "C", "D", or "F" grade. That means a course that has been supplemented shall be awarded a maximum of "C" grade.
12. Provided the overall GPA after supplementary examination is 2.0 or above, a student who fails supplementary examinations will be allowed to carry over flexibly into the subsequent academic years such number of failed courses as are requisite for the fulfilment of the requirement of passing a total minimum number of course credits for the programme in compliance with General Regulation 2 above.
   (i) A carried-over course must be taken in full, including all the coursework and it shall be assessed like a supplementary course with a grade of "C", "D", or "F".
   (ii) The carried-over course or courses must be cleared within the maximum allowable registration period, namely five years.

13. Special examinations given at the time of supplementary examinations will be treated as first sitting and graded as such.
14. A student who for satisfactory reasons has not completed an important portion of his/her coursework shall be awarded an "I" ("Incomplete") grade.
   (i) A student who has been awarded an "I" grade is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the College Board, any "I" grade not cleared at the time of the supplementary examinations will automatically become "F".
   (ii) A student who has obtained an "F" grade due to "I" will be required to carry over the relevant course and shall be treated like any other carried-over course as per regulation 2.1 above.

15. A student who obtains less than 16 marks in his/her coursework grade will be deemed to have failed the coursework, and will be barred from taking the examination in that course.
   (i) A student who is so barred will be required to carry over the course, other regulations permitting.
   (ii) A student shall be discontinued from studies at the University on academic grounds if either he/she attains an overall GPA of less than 1.8 outright (during first sitting), or he/she obtains a GPA of less than 2.0 after sitting for supplementary examinations.

16. Students must clear all courses within 5 years for 3-year programme. Any student who has failed to clear any course at the end of the maximum period shall be deemed to have failed the programme and will not be awarded a degree.

Practical Training Courses
The following are practical training courses which are carried out during the long-vacation, that is, outside the two 15-weeks semesters. They are core for the degree programmes as shown below.

First Year
First Year Special Practical Training in the Department of Archaeology and Heritage Studies

Code	Title	Status	Credits	Degree programmes
AY 120	Field Training in Archaeology-Survey	Core	12	B. A. (Archaeology) B. A. (Archaeology and History) B. A. (Archaeology and Geography) B. A. (Heritage Management)

Duration: 8 weeks of long-vacation

First Year Teaching Practice for all B. A. (Education) Students

Code	Title	Status	Credits	Degree programmes
CT 101	First Year Teaching Practice	Core	12	B. A. (Education)

Duration: 8 weeks of long-vacation
N.B. CT 101 is administered by the School of Education

Second Year
Second Year Special Practical Training in the Department of Archaeology and Heritage Studies

Code	Title	Status	Credits	Degree programmes
AY 220	Field Training in Archaeology (Excavation)	Core	12	B. A. (Archaeology) B. A. (Archaeology and History) B. A. (Archaeology and Geography)
AY 230	Practical Training in Heritage Management	Core	12	B. A. (Heritage Management)

Duration: 8 weeks of long-vacation

Second Year Teaching Practice (TP) for all B. A. (Education) Students

Code	Title	Status	Credits	Degree programmes
CT 202	Second Year Teaching Practice	Core	12	B. A. (Education)

Duration: 8 weeks of long-vacation
N.B.: CT 202 is administered by the School of Education.

CoHU Practical Training (AS 299, CL 223 or HI 299)
The College of Humanities organizes a practical training programme for all second year students except those who are taking B. A. (Archaeology), B. A. (Heritage Management), B. A. (Archaeology and Geography), B. A. (Archaeology and History) and B. A. (Education). The programme starts after the end of the second semester of the second year and lasts for eight weeks. It is administered by the office of the Principal, CoHU.

Objectives of Practical Training
The main objective of the training is to enable students to acquire work experience related to their studies in different working places in the country.

The specific objectives of the practical programme are:

a. To enable students apply or learn the practical applications of the theory they learn at the University in solving real-life problems.
b. To minimize over-emphasis on theory and thus give some weight to practical work experience.
c. To give students ample opportunity to acquire appropriate work experience to complement academic training so that they will be able to serve their communities better after graduation.
d. To allow institutions and users of our end products assess the quality and relevance of our graduates and guide the College on how best to improve our pedagogy.
e. To establish and maintain close contacts between employers and the College and between the College and the ministry responsible for offering particular knowledge and experience.

Assessment Procedures for Practical Training (AS 299)
Assessment of Practical Training is based on the following distribution of marks (Table 3):

Table 3: Practical Training (AS 299) Assessments

Training officer's assessment	10%
Student's logbook	20%
Supervisor's report	10%
Written report	60%
	100%

Note that students in B. A. (Diplomatic and Military History) and B. A. (History, Cultural Heritage Management and Tourism) must be assessed/supervised by UDSM historians.

The marks are used to give grades to the Practical Training, from A to E as per standard allocation. This grade has no credit but a student must pass the course (AS 299 or HI 299) in order to graduate.

A student who fails will have to undergo a supplementary training period during the inter-semester vacation of the third year or thereafter so long as he/she does not exceed the maximum allowable time of his/her degree (currently 5 years) and at his/her own cost. A student will not be allowed to graduate until he/she clears the course.

Courses with 3-weeks Field Research Component
Courses that have a field research component of three weeks and are specifically done during the inter-semester break of third year are:

Code	Title	Status	Credit	Department
CA 355	Documentation and Archiving	Core	12	Creative Arts
CA 328	Advanced Film Directing	Core	12	Creative Arts
CA 349	Play Production	Core	12	Creative Arts
CA 323	Special Studies in Textile Design	Elective	12	Creative Arts

DEPARTMENT OF CREATIVE ARTS

For first year students the department offers four-degree programmes in creative arts namely, B. A. (Art and Design), B. A. (Music), B. A. (Theatre Arts) and B. A. (Film and Television).

Students are required to take all core courses as indicated for each degree programme or area of specialisation. Shaded totals represent the minimum required credits per semester basing on the core courses. All specialisations carry the same number of minimum required number of credits for the programme. A student may choose one or two additional elective course(s) from the list provided under a relevant semester and not from elsewhere. Compulsory second-year Practical Training (AS 299) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count.

B.A. (Arts and Design)

Code	Title	Status	Credits
First Year: Semester I			
CA 100	Creative Arts and Society	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Social Science Research Methods I	Core	12
CL 106	Communication Skills	Core	12
CA 101	Fundamentals of Drawing	Core	12
CA 122	Introduction to Computer Aided Design	Core	12
Total			**72**
First Year: Semester II			
DS 113	Development Perspectives II	Core	12
AS 103	Social Science Research Methods II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
CA 121	Fundamentals of Painting	Core	12
CA 102	Fundamentals of Graphic Design	Core	12
CA 103	Fundamentals of Fashion Design	Core	12
Total			**72**
Second Year: Semester I			
CA 200	Art Communication and Social Mobilization	Core	12
CA 201	Advanced Drawing	Core	12
CA 202	Advanced Graphic Design	Core	12
CA 242	Printmaking	Core	12
A student may choose ONE or TWO of the following courses			
CA 211	Sculpture	Core	12
CA 212	Visual Arts and Advertising	Core	12
CA 213	Jewellery Design	Core	12
CA 222	Applied Computer Aided Design	Core	12
Total			**60**
Second Year: Semester II			
CA 221	Advanced Painting	Core	12
CA 241	Studies in African Art	Core	12
CA 223	Textile Patterns Design	Core	12
CA 203	Advanced Fashion Design	Core	12
A student may choose ONE or TWO of the following courses			
CA 210	Creative Arts and Gender	Elective	12*
CA 252	Principles of Still Photography	Elective	12
CA 262	Principles of Animation	Elective	12
Total			**72**
Third Year: Semester I			
CA 300	Management and Administration of the Creative Arts	Core	12
CA 320	Research in the Creative Arts	Core	12
CA 351	Contemporary African Art	Core	12

Code	Title	Status	Credits
CA 303	Special Studies in Fashion Design	Core	12
A student should choose ONE or TWO of the following courses			
CA 362	Special Studies in Computer Animation	Elective	12
CA 311	Special Studies in Sculpture	Elective	12
CA 313	African Traditional Jewry Design	Elective	12
Total			**72**

Third Year: Semester II

Code	Title	Status	Credits
CA 341	History of World Art	Core	12
CA 361	Art Exhibition and Management	Core	12
CA 321	Special Studies in Painting	Core	12
CA 302	Special Studies in Graphic Design	Core	12
A student may choose ONE of the following courses			
CA 323	Special Studies in Textile Design	Elective	12
CA 352	Special Studies in Photography	Elective	12
CA 310	Creative Arts and Tourism	Elective	12
MK 329	Social Marketing	Elective	12
MK 332	Advertising and Sales Promotion	Elective	12
Total			**72**

B.A. (Music)

First Year: Semester I

Code	Title	Status	Credits
CA 100	Creative Arts and Society	Core	12
CA 104	Fundamentals of Music	Core	12
CA 105	Piano Instruction	Core	12
CL 106	Communication Skills	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods I	Core	12
Total			**72**

First Year: Semester II

Code	Title	Status	Credits
CA 114	Music Theory	Core	12
CA 115	Introduction to Instrumental Instruction (selected instrument)	Core	12
CA 124	Music Cultures of Tanzania	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Social Science Research Method II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
Total			**72**

Second Year: Semester I

Code	Title	Status	Credits
CA 200	Art Communication and Social Mobilization	Core*	12
CA 204	Advanced Music Theory	Core	12
CA 205	Music Cultures of Africa	Core	12
CA 215	Instrumental Instruction (selected instrument)	Core	12

Code	Title	Status	Credits
A student may choose ONE or TWO of the following courses			
CA 265	Music Technology and Production	Elective	12
CA 235	Ngoma Performance	Elective	12
CA 245	Choral Techniques	Elective	12
Total			**72**
Second Year: Semester II			
CA 214	Composition and Arranging	Core	12
CA 225	Intermediate Instrumental Instruction (selected instruments)	Core	12
CA 224	Music Cultures of the World	Core	12
CA 234	Ethnomusicology Theories	Core	12
A student may choose ONE of the following courses			
CA 255	Advanced Choral Techniques	Elective	12
CA 210	Creative Arts	Elective*	12
AS 299	Practical Training (done during the long vacation)	Core	0
Total			**72**
Third Year: Semester I			
CA 300	Management and Administration of the Creative Arts	Core	12
CA 320	Research in the Creative Arts	Core	12
CA 315	Advanced Instrumental Instruction (selected Instrument)	Core	12
CA 304	Advanced Composition and Arranging	Core	12
A student may choose one or two of the following courses:			
CA 325	Music Ensemble	Elective	12
AY 303	Cultural Heritage Management	Elective	12
PL 331	African Philosophy	Elective	12
Total			**72**
Third Year: Semester II			
CA 345	Project in Music Performance	Core	12
CA 324	Applied Ethnomusicology	Core	12
CA 355	Documentation and Archiving	Core	12
CA 314	Composing Music for Film and Television	Core	12
A student may choose one or two of the following courses:			
CA 310	Creative Arts and Tourism	Elective	12
AY 306	People and Culture in Africa	Elective	12
PL 312	African Philosophy	Elective	12
LT 326	Methodology and Practice of Oral Literature Research	Elective	12
Total			**72**

B.A. (Theatre Arts)

First Year: Semester I

Code	Title	Status	Credits
CA 100	Creative Arts and Society	Core	12
CA 149	Fundamentals of Acting	Core	12
CL 106	Communication Skills	Core	12
CA 109	Fundamentals of Theatre Arts	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Method I	Core	12
Total			**72**

First Year: Semester II

Code	Title	Status	Credits
CA 139	Introduction to Theatre Directing	Core	12
CA 119	Theatre Practices in Tanzania	Core	12
CA 108	Introduction to Creative Writing in Stage, Screen, and Radio	Core	12
DS 113	Development Perspectives II	Core	12
CA 129	African Theatre	Core	12
AS 103	Introduction to Social Science Research Method II	Core	12
Total			**72**

Second Year: Semester I

Code	Title	Status	Credits
CA 200	Art Communication and Social Mobilization	Core	12
CA 219	World Theatre	Core	12
CA 249	Advanced Acting	Core	12
CA 269	Theatre Criticism and Dramaturgy	Core	12
A student may choose ONE or TWO of the following courses			
CA 107	Introduction to Film and Television	Elective	12
CA 259	Production Design	Elective	12
CA 279	Fundamentals of Drama Therapy	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
Total			**48**

Second Year: Semester II

Code	Title	Status	Credits
CA 218	Play Writing	Core	12
CA 239	Advanced Play Directing	Core	12
CA 229	Theatre for Children and Youth	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
A student may choose ONE or TWO of the following courses			
CA 207	African Cinema and Cinematic Practices	Elective	12
CA 210	Creative Arts and Gender	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
CA 209	African Dance	Elective	12
AS 299	Practical Training (done during the long vacation)	Core	
Total			**48**

Third Year: Semester I

Code	Title	Status	Credits
CA 300	Management and Administration of the Creative Arts	Core	12
CA 320	Research in the Creative Arts	Core	12

Code	Title	Status	Credits
CA 318	Advanced Play Writing	Core	12
CA 335	Theatre for Development	Core	12
A student may choose ONE or TWO of the following courses			
CA 357	Television Production for Children and Youth	Elective	12
CA 248	Radio Drama Production	Elective	12
CA 238	Film and Television Production	Elective	12
Total			**48**

Third Year: Semester II

Code	Title	Status	Credits
CA 349	Play Production	Core	12
CA 319	Acting for the Screen/Stage	Core	12
CA 309	Dance Choreography	Core	12
CA 359	Theatre in Education	Core	12
A student may choose one or two of the following courses			
CA 329	Advanced Theatre for Children and Youth	Elective	12
CA 310	Creative Arts and Tourism	Elective	12
MK 332	Advertising and Sales Promotion	Elective	12
Total			**48**

B.A. (Film and Television)

First Year: Semester I

Code	Title	Status	Credits
CA 100	Creative Arts and Society	Core	12
CA 107	Introduction to Film and Television	Core	12
CA 117	Film Practices in Tanzania	Core	12
CL 106	Communication Skills	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Method I	Core	12
Total			**72**

First Year: Semester II

Code	Title	Status	Credits
CA127	Film Theory	Core	12
CA 108	Introduction to Creative Writing in Stage, Screen, and Radio	Core	12
CA 137	Cinematography	Core	12
CA 149	Fundamentals of Acting	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Introduction to Social Science Research Method II	Core	12
Total			**72**

Second Year: Semester I

Code	Title	Status	Credits
CA 200	Art Communication and Social Mobilization	Core	12
CA 207	African Cinema and Cinematic Practices	Core	12
CA 238	Film and Television Production	Core	12
CA 259	Production Design	Core	12
A student may choose ONE or TWO of the following courses			
CA 249	Acting for Stage and Screen	Core	12
AS 220	Pan-Africanism: Thought and Practice I	Core	12
CA 279	Drama Therapy	Core	12
Total			**48**

Code	Title	Status	Credits
Second Year: Semester II			
CA 208	Screenplay Writing	Core	12
CA 217	Film Criticism	Core	12
CA 228	Film Directing	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
A student may choose ONE or TWO of the following courses			
CA 210	Creative Arts and Gender	Elective	12*
CA 248	Radio Drama Production	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
Total			**48**
Third Year: Semester I			
CA 300	Management and Marketing of the Creative Arts	Core	12
CA 320	Research in Creative Arts	Core	12
CA 380	Advanced Screenplay Writing	Core	12
CA 307	Film Finance, Marketing and Distribution	Core	12
A student may choose one or two of the following courses			
CA 347	Film Editing	Elective	12
CA 358	Television Drama	Elective	12
CA 357	Television Production for Children and Youth	Elective	12
Total			**48**
Third Year: Semester II			
CA 337	Film Sound	Core	12
CA 317	Film for Development	Core	12
CA 328	Advanced Film Directing	Core	12
A student may choose one or two of the following courses			
CA 310	Creative Arts and Tourism	Elective	12
CA 388	Documentary Film	Elective	12
MK 332	Advancing and Sales Promotion	Elective	12
Total			**48**
Courses that have a field research component of three weeks and are specifically done during the inter-semester break of third year:			
CA 355	Documentation and Archiving	Core	12
CA 349	Play Production	Core	12
CA 323	Special Studies in Textile Design	Elective	12
CA 328	Advanced Film Directing	Core	12

Total minimum number of (core) credits for B. A. (Art and Design) programme: 376
Total minimum number of (core) credits for B. A. (Music) programme: 376
Total minimum number of (core) credits for B. A. (Theatre) programme: 376
Total minimum number of (core) credits for B. A. (Film and Television Studies) programme: 376

DEPARTMENT OF FOREIGN LANGUAGES AND LINGUISTICS

The department offers one degree programme namely, Bachelor of Arts in Language Studies which is delivered in three specialisations: Specialisation I: English, Specialisation II: French and Specialisation III: Linguistics. Students must choose one specialization and maintain it throughout the three years' duration of the programme.

Students are required to take all core courses as indicated for each specialisation. Shaded totals represent the minimum required credits per semester basing on the core courses. All specialisations carry the same number of minimum required number of credits for the B. A. (Language Studies) degree. A student may choose one additional elective course from the list provided under a relevant semester and not from elsewhere.

Compulsory second-year Practical Training (AS 299) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count.

B.A. (Language Studies)

Specialisation I: English			
First Year: Semester I			
French Sub-Stream			
Code	**Title**	**Status**	**Credits**
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
LL 180	French Communicative Competencies I	Core	12
LL 182	Oral Proficiency and Phonetics	Core	12
Total			**72**
Linguistics Sub-Stream			
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
LL 104	Introduction to Sign Language	Core	12*
LL 105	Introduction to Contact Linguistics	Core	12*
Total			**72**
Kiswahili Language Option			
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
KF 102	Utangulizi wa Fasihi ya Kiswahili (Simulizi na Andishi)	Core	12
KI 107	Misingi ya Isimu ya Kiswahili	Core	12
Total			**72**
First Year: Semester II			
French Sub-Stream			
LL 116	English Speaking Skills	Core	12
LL 118	English Writing Skills	Core	12

Code	Title	Status	Credits
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LL 181	French Communicative Competencies II	Core	12
LL 183	Reading and Writing Proficiency I	Core	12
Total			**72**
Linguistics Sub-Stream			
LL 116	English Speaking Skills	Core	12
LL 118	English Writing Skills	Core	12
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LL 103	General Phonetics	Core	12
LL 106	Language Change	Core	12*
Total			**72**
Kiswahili Language Option			
LL 116	English Speaking Skills	Core	12
LL 118	English Writing Skills	Core	12
DS 112	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
KF 103	Nadharia na Uhakiki wa Fasihi ya Kiswahili	Core	12
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	Core	12
Total			**72**
Second Year: Semester I			
French Sub-Stream			
LL 203	Introduction to Semantics	Core	12
LL 219	Introductory English Phonetics & Phonology	Core	12
LL 221	Varieties of English	Core	12
LL 280	French Communicative Competencies III	Core	12
LL 274	Introduction to Translation	Core	12
Total			**60**
A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
LL 282	Oral Interactions	Elective	12
Linguistics Sub-Stream			
LL 203	Introduction to Semantics	Core	12
LL 219	Introductory English Phonetics & Phonology	Core	12
LL 221	Varieties of English	Core	12
LL 201	Linguistic Theory	Core	12
LL 208	Introduction to Dictionary Compilation	Core	12*
Total			**60**
A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
LL 282	Oral Interactions	Elective	12

Code	Title	Status	Credits
Kiswahili Language Option			
LL 203	Introduction to Semantics	Core	12
LL 219	Introductory English Phonetics & Phonology	Core	12
LL 221	Varieties of English	Core	12
KI 208	Fonolojia ya Kiswahili	Core	12
KF 223	Ushairi wa Kiswahili	Core	12
Total			**60**
A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
LL 282	Oral Interactions	Elective	12
Second Year: Semester II			
French Sub-Stream			
LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 218	English Rhetoric	Core	12
LL 220	English Grammar	Core	12
LL 281	French Communicative Competency III	Core	12
LL 283	French Morphology and Syntax	Core	12
Total			**60**
A student may choose one of the following courses			
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
Linguistics Sub-stream			
LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 218	English Rhetoric	Core	12
LL 220	English Grammar	Core	12
LL 202	Morphology	Core	12
LL 205	Structure of a Non-Bantu Language	Core	12
Total			**60**
A student may choose one of the following courses			
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
Kiswahili Language Option			
LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 218	English Rhetoric	Core	12
LL 220	English Grammar	Core	12
KI 209	Mofolojia ya Kiswahili	Core	12
KF 221	Fasihi yaWatoto naVijana	Elective	12
Total			**60**

Code	Title	Status	Credits
A student may choose one of the following courses			
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 273	French African Literature II	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
AS 299	Practical Training (done during the long vacation)	Core	12
Third Year: Semester I			
French Sub-Stream			
LL 317	Introduction English Pragmatics	Core	12
LL 330	Introduction to Translation Theory	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 380	Reading and Writing Proficiency II	Core	12
LL 374	Translation I	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Linguistics Sub-Stream			
LL 317	Introduction English Pragmatics	Core	12
LL 330	Introduction to Translation Theory	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 303	Historical and Comparative Linguistics	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Kiswahili Language Sub-Stream			
LL 317	Introduction English Pragmatics	Core	12
LL 330	Introduction to Translation Theory	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	Core	12
KI 310	Sintaksia ya Kiswahili	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Third Year: Semester II			
French Sub-stream			
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12

Code	Title	Status	Credits
LL 381	French Oral proficiency	Core	12
LL 382	Literature in French	Core	12
+*A student must choose one or two of the following courses*			
LL 318	The Study of Discourse	Elective	12
LL 375	Translation II	Elective	12
LL 399	Project** (By invitation only)	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
LT 312	Language and Literature	Elective	12
CA 208	Advanced Writing for Stage, Screen and Radio	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
Total			**60**
Linguistics Sub-stream			
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12
LL 305	Bantu Language Structure	Core	12
LL 302	Sociolinguistics	Core	12
LL 304	Tanzanian Sign Language Structure	Core	12*
+*A student must choose one or two of the following courses*			
LL 318	The Study of Discourse	Elective	12
LL 375	Translation II	Elective	12
LL 399	Project** (By invitation only)	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
Total			**60**
Kiswahili Language Option			
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12
KF 318	Riwaya ya Kiswahili	Core	12
KF 319	Tamthiliya ya Kiswahili	Core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	Core	12
+*A student must choose one or two of the following courses*			
LL 318	The Study of Discourse	Elective	12
LL 375	Translation II	Elective	12
LL 399	Project**	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
Total			**60**

**By invitation only

Specialisation II: French

First Year: Semester I

	English Sub-Stream		
Code	**Title**	**Status**	**Credits**
LL 180	French Communicative Competencies I	Core	12
LL 182	Oral Proficiency and Phonetics	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
Total			**72**
	Linguistics Sub-Stream		
LL 180	French Communicative Competencies I	Core	12
LL 182	Oral Proficiency and Phonetics	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
LL 104	Introduction to Sign Language	Core	12*
LL 105	Introduction to Contact Linguistics	Core	12*
Total			**72**
	Kiswahili Language Option		
LL 180	French Communicative Competencies I	Core	12
LL 182	Oral Proficiency and Phonetics	Core	12
LL 101	Introduction to Linguistic Structure	Core	12
DS 112	Development Perspectives I	Core	12
KF 102	Utangulizi wa Fasihi ya Kiswahili (Simulizi na Andishi)	Core	12
KI 107	Misingi ya Isimu ya Kiswahili	Core	12
Total			**72**
First Year: Semester II			
	English Sub-Stream		
LL 181	French Communicative Competencies II	Core	12
LL 183	Reading and Writing Proficiency I	Core	12
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LL 116	English Speaking Skills	Core	12
LL 118	English Writing Skills	Core	12
Total			**72**
	Linguistics Sub-Stream		
LL 181	French Communicative Competences II	Core	12
LL 183	Reading and Writing Proficiency I	Core	12
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LL 103	General Phonetics	Core	12
LL 106	Language Change	Core	12*
Total			**72**

Kiswahili Language Option			
LL 181	French Communicative Competences II	Core	12
LL 183	Reading and Writing Proficiency I	Core	12
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
KF 103	Nadharia na Uhakiki wa Fasihi ya Kiswahili	Core	12
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	Core	12
Total			**72**

Second Year: Semester I

English Sub-Stream			
LL 203	Introduction to Semantics	Core	12
LL 280	French Communicative Competencies III	Core	12
LL 274	Introduction to Translation	Core	12
LL 219	Introductory English Phonetics & Phonology	Core	12
LL 221	Varieties of English	Core	12
Total			**60**

A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
LL 282	French Communicative Competencies III	Elective	12

Linguistics Sub-Stream			
LL 203	Introduction to Semantics	Core	12
LL 280	French Communicative Competencies III	Core	12
LL 274	Introduction to Translation	Core	12
LL 201	Linguistic Theory	Core	12
LL 208	Introduction to Dictionary Compilation	Core	12*
Total			**60**

A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
LL 282	Oral Interactions	Elective	12

Kiswahili Language Option			
LL 203	Introduction to Semantics	Core	12
LL 280	French Communicative Competencies III	Core	12
LL 274	Introduction to Translation	Core	12
KI 208	Fonolojia ya Kiswahili	Core	12
KS 223	Ushairi wa Kiswahili	Core	12
Total			**60**

A student may choose one of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12

LL 282	Oral Interactions	Elective	12

Second Year: Semester II

English Sub-Stream

LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 281	French Communicative Competences II	Core	12
LL 283	French Morphology and Syntax	Core	12
LL 218	English Rhetoric	Core	12
LL 220	English Grammar	Core	12
Total			**60**

A student may choose one of the following courses

AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*

Linguistics Sub-Stream

LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 281	French Communicative Competences II	Core	12
LL 283	French Morphology and Syntax	Core	12
LL 202	Morphology	Core	12
LL 205	Structure of a Non-Bantu Language	Core	12
Total			**60**

A student may choose one of the following courses

AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*

Kiswahili Language Option

LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 281	French Communicative Competences II	Core	12
LL 283	French Morphology and Syntax	Core	12
KI 209	Mofolojia ya Kiswahili	Core	12
KF 221	Fasihi ya Watoto na Vijana	Elective	12
Total			**60**

A student may choose one of the following courses

AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 217	English for Business Communication	Elective	12
LL 276	Functional French	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
AS 299	Practical Training (done during the long vacation)	Core	12

Third Year: Semester I			
English Sub-Stream			
LL 380	Reading and Writing Proficiency II	Core	12
LL 374	Translation I	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 317	Introduction English Pragmatics	Core	12
LL 330	Introduction to Translation Theory	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Linguistics Sub-Stream			
LL 380	Reading and Writing Proficiency II	Core	12
LL 374	Translation I	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 303	Historical and Comparative Linguistics	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Kiswahili Language Sub-Stream			
LL 380	Reading and Writing Proficiency II	Core	12
LL 374	Translation I	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	Core	12
KI 310	Sintaksia ya Kiswahili	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Third Year: Semester II			
English Sub-stream			
LL 314	Second Language Acquisition	Core	12*
LL 381	French Oral Proficiency	Core	12
LL 382	Literature in French	Core	12
LL 331	Translation Methods and Practice	Core	12
LL 318	The Study of Discourse	Core	12

LL 375	Translation II	Core	12
LL 384	Introduction to Consecutive Interpretation	Core	12
Total			**60**
A student may choose one of the following courses			
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
Linguistics Sub-stream			
LL 314	Second Language Acquisition	Core	12*
LL 381	French Oral Proficiency	Core	12
LL 382	Literature in French	Core	12
LL 305	Bantu Language Structure	Core	12
LL 302	Sociolinguistics	Core	12
A student must choose one or two of the following courses			
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
LL 375	Translation II	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
Total			**60**
Kiswahili Language Option			
LL 314	Second Language Acquisition	Core	12*
LL 381	French Oral Proficiency	Core	12
LL 382	Literature in French	Core	12
KF 318	Riwaya ya Kiswahili	Core	12
KF 319	Tamthilia ya Kiswahili	Core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	Core	12
Total			**60**
A student taking Linguistics must choose one of the following courses			
LL 304	Tanzanian Sign Language Structure	Elective	12*
LL 375	Translation II	Elective	12
LL 390	Project**	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12

*By invitation only

Specialisation III: Linguistics

First Year: Semester I

French Sub-stream			
Code	**Title**	**Status**	**Credits**
LL 101	Introduction to Linguistic Structure	Core	12
LL 104	Introduction to Sign Language	Core	12*
LL 105	Introduction to Contact Linguistics	Core	12*
DS 112	Development Perspectives I	Core	12
LL 180	French Communicative Competencies I	Core	12
LL 182	Oral Proficiency Phonetics	Core	12
Total			**72**
English Sub-Stream			
LL 101	Introduction to Linguistic Structure	Core	12
LL 104	Introduction to Sign Language	Core	12*
LL 105	Introduction to Contact Linguistics	Core	12*
DS 112	Development Perspectives I	Core	12
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
Total			**72**
Kiswahili Language Option			
LL 101	Introduction to Linguistic Structure	Core	12
LL 104	Introduction to Sign Language	Core	12*
LL 105	Introduction to Contact Linguistics	Core	12*
DS 112	Development Perspectives I	Core	12
KF 102	Utangulizi wa Fasihi ya Kiswahili (Simulizi na Andishi)	Core	12
KI 107	Misingi ya Isimu ya Kiswahili	Core	12
Total			**72**
First Year: Semester II			
French Sub-Stream			
DS 113	Development Perspectives II	Core	12
LL 103	General Phonetics	Core	12
LL 106	Language Change	Core	12*
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LL 181	French Communicative Competences II	Core	12
LL 183	Reading and Writing Proficiency I	Core	12
Total			**72**
English Sub-Stream			
DS 113	Development Perspectives II	Core	12
LL 103	General Phonetics	Core	12
LL 106	Language Change	Core	12*
PL 111	Introduction to Critical Thinking and Argumentation	Core	12

Code	Title	Status	Credits
LL 116	English Speaking Skills	Core	12
LL 118	English Writing Skills	Core	12
Total			**72**

Kiswahili Language Option

Code	Title	Status	Credits
DS 113	Development Perspectives II	Core	12
LL 103	General Phonetics	Core	12
LL 106	Language Change	Core	12*
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
KF 103	Nadharia na Uhakiki wa Fasihi ya Kiswahili	Core	12
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	Core	12
Total			**72**

Second Year: Semester I

French Sub-Stream

Code	Title	Status	Credits
LL 201	Linguistic Theory	Core	12
LL 203	Introduction to Semantics	Core	12
LL 208	Introduction to Dictionary Compilation	Core	12*
LL 280	French Communicative Competencies III	Core	12
LL 274	Introduction to Translation	Core	12
Total			**60**

A student may choose one of the following courses

Code	Title	Status	Credits
LL 282	Oral Interactions	Elective	12
AS 217	Introduction to Computers	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12

English Sub-Stream

Code	Title	Status	Credits
LL 201	Linguistic Theory	Core	12
LL 203	Introduction to Semantics	Core	12
LL 208	Introduction to Dictionary Compilation	Core	12*
LL 219	Introductory English Phonetics & Phonology	Core	12
LL 221	Varieties of English	Core	12
Total			**60**

A student may choose one of the following courses

Code	Title	Status	Credits
LL 282	Oral Interactions	Elective	12
AS 217	Introduction to Computers	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12

Kiswahili Language Option

Code	Title	Status	Credits
LL 201	Linguistic Theory	Core	12
LL 203	Introduction to Semantics	Core	12
LL 208	Introduction to Dictionary Compilation	Core	12*
KI 208	Fonolojia ya Kiswahili	Core	12
KF 223	Ushairi wa Kiswahili	Core	12
Total			**60**

Code	Title	Status	Credits
student may choose one of the following courses			
LL 282	Oral Interactions	Elective	12
AS 217	Introduction to Computers	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
Second Year: Semester II			
French Sub-Stream			
LL 202	Morphology	Core	12
LL 205	Structure of a Non-Bantu Language	Core	12
LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 281	French Communicative Competency III	Core	12
LL 283	French Morphology and Syntax	Core	12
Total			**60**
A student may choose one of the following courses			
LL 276	Functional French I	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
English Sub-Stream			
LL 202	Morphology	Core	12
LL 205	Structure of a Non-Bantu Language	Core	12
LL 222	Introduction to Research Methods in Language Studies	Core	12*
LL 218	English Rhetoric	Core	12
LL 220	English Grammar	Core	12
Total			**60**
A student may choose one of the following courses			
LL 276	Functional French I	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
Kiswahili Language Option			
LL 202	Morphology	Core	12
LL 205	Structure of a Non-Bantu Language	Core	12
LL 222	Introduction to Research Methods in Language Studies	Core	12*
KI 209	Mofolojia ya Kiswahili	Core	12
KF 221	Fasihi yaWatoto na Vijana	Elective	12
Total			**60**
A student may choose one of the following courses			
LL 276	Functional French I	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
LL 204	Introduction to Tanzanian Sign Language	Elective	12*
AS 299	Practical Training (done during the long vacation)	Core	12
Total			**60**

Code	Title	Status	Credits
Third Year: Semester I			
French Sub-stream			
LL 303	Historical and Comparative Linguistics	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 380	Reading and Writing Proficiency II	Core	12
LL 374	Translation I	Core	12
Total			**60**
A student may choose one of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
English Sub-Stream			
LL 303	Historical and Comparative Linguistics	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
LL 317	Introduction English Pragmatics	Core	12
LL 330	Introduction to Translation Theory	Core	12
Total			**60**
A student may choose ONE of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Kiswahili Language Sub-Stream			
LL 303	Historical and Comparative Linguistics	Core	12
LL 332	Introduction to Editing and Proofreading	Core	12*
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	Core	12
KI 310	Sintaksia ya Kiswahili	Core	12
Total			**60**
A student may choose ONE of the following courses			
LL 316	English in the World	Elective	12
LT 311	Theory and Practice of Publishing	Elective	12
LL 376	Functional French II	Elective	12
Third Year: Semester II			
French Sub-stream			
LL 302	Sociolinguistics	Core	12
LL 305	Bantu Language Structure	Core	12
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12*
LL 381	French Oral Proficiency	Core	12
LL 382	Literature in French	Core	12
Total			**60**

Code	Title	Status	Credits
A student may choose ONE of the following courses			
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
English Sub-Stream			
LL 302	Sociolinguistics	Core	12
LL 305	Bantu Language Structure	Core	12
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12*
LL 318	The Study of Discourse	Core	12
Total			**60**
A student may choose ONE of the following courses			
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
Kiswahili Language Option			
LL 302	Sociolinguistics	Core	12
LL 305	Bantu Language Structure	Core	12
LL 331	Translation Methods and Practice	Core	12
LL 314	Second Language Acquisition	Core	12*
KF 318	Riwaya ya Kiswahili	Core	12
KF 319	Tamthilia ya Kiswahili	Core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	Core	12
Total			**60**
A student taking English sub-stream must choose one of the following courses			
LL 375	Translation II	Elective	12
LL 384	Introduction to Consecutive Interpretation	Elective	12
LL 304	Tanzanian Sign Language Structure	Elective	12*
LT 312	Language and Literature	Elective	12
CA 208	Screenplay Writing	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
LL 390	Project (by invitation only)	Elective	12

Total minimum number of (core) units for B. A. (Language Studies) programme: 376

CENTRE FOR COMMUNICATION STUDIES

The Centre for Communication Studies (CCS) offers one bachelor programme, Bachelor of Arts in Communication Studies (B.A. Communication Studies - BACS). A student will be required to take one or two additional elective course(s) from the list provided under a relevant semester and *not* from elsewhere.

Compulsory second-year Practical Training (CL 223) is conducted for 8 weeks during the long vacation, *i.e.*, outside the two classroom semesters. A list of core and elective courses by year of study is shown in the table bellow.

Code	Course Title	Status	Credits
First Year: Semester I			
CL120	Introduction to Communication	Core	12
CL121	Fundamentals of Oral Communication	Core	12
CL122	Intercultural Communication	Core	12
*PL111	Introduction to Critical Thinking and Argumentation	Core	12
*DS112	Development Perspectives I	Core	12
A student should choose one of the following courses			
CL123	Group Communication	Elective	12
CL124	Non-verbal Communication	Elective	12
*CA122	Introduction to Computer Aided Design	Elective	12
Total			**72**
First Year: Semester II			
CL125	Interpersonal Communication	Core	12
CL126	Communication and Ethics	Core	12
CL127	Communication and Human Relations	Core	12
*DS113	Development Perspectives II	Core	12
A student should choose two of the following courses			
CL128	Message Design	Elective	12
CL129	Customer Service Communication	Elective	12
CL130	Introduction to Academic Debate	Elective	12
*CA102	Fundamentals of Graphic Design	Elective	12
Total			**72**
Second Year: Semester I			
CL210	Professional Writing	Core	12
CL211	Communication and Social Change	Core	12
CL212	Social Media Communication	Core	12
CL213	Public Speaking	Core	12
A student should choose two of the following courses			
CL214	Applied Communication for Social Issues	Elective	12
CL215	Gender Issues and Communication	Elective	12
CL216	Communication in Health Services Provision	Elective	12

Code	Course Title	Status	Credits
*CA202	Advanced Graphic Design	Elective	12
*CA222	Applied Computer Aided Design	Elective	12
Total			**72**

Second Year: Semester II

Code	Course Title	Status	Credits
CL217	Communication Policy Design	Core	12
CL218	Organisational Communication	Core	12
CL219	Research Methods in Communication	Core	12
CL220	Business and Professional Communication	Core	12
**CL223	Practical Training	Core	12

A student should choose one of the following courses

Code	Course Title	Status	Credits
CL221	Communication and Disaster Mitigation	Elective	12
CL222	Leadership Communication	Elective	12
*LL218	English Rhetoric	Elective	12
*CA252	Principles of Still Photography	Elective	12
*CA262	Principles of Animation	Elective	12
Total			**72**

Third Year: Semester I

Code	Course Title	Status	Credits
CL300	Communication in Public Management	Core	12
CL301	Strategic and Corporate Communication	Core	12
CL302	Environmental Communication	Core	12
CL303	Information Management for Communication Specialists	Core	12

A student should choose two of the following courses

Code	Course Title	Status	Credits
CL304	Communication and Virtual Organising	Elective	12
CL305	Political Communication	Elective	12
LL332	Introduction to Editing and Proofreading	Elective	12
Total			**72**

Third Year: Semester II

Code	Course Title	Status	Credits
CL306	Communication in Conflict Management	Core	12
CL307	Argumentative Communication and Advocacy	Core	12
CL308	International and Diplomatic Communication	Core	12
CL309	Marketing Communication	Core	12
*LL317	Introduction to English Pragmatics.	Core	12

A student should choose one of the following courses

Code	Course Title	Status	Credits
*PR311	Propaganda and Persuasion	Elective	12
CL310	Communication and Labour Market	Elective	12
Total			**72**

*Courses offered outside CCS
** Practical training

The Centre also provides service courses for different programmes. The courses offered are as follows:

First Year: Semester I		
Code	Title	Credit
CL 106	Communication Skills for Arts and Social Sciences (NON-EDU)	12
CL 111	Communication Skills for Engineering Studies	12
First Year: Semester II		
CL 106	Communication Skills for Arts and Social Sciences (EDU ONLY)	12
CL 107	Communication Skills for Science	12
CL 108	Business Communication	12

The Centre also offers tailor made communication skills and language-based trainings, workshops and clinics to students and general public. Such trainings can be requested by the clients or scheduled by the Centre on demand.

DEPARTMENT OF HISTORY

The Department of History offers four undergraduate degree programmes. These are B.A. (History), B.A. (History and Political Science); B.A. (Diplomatic and Military History) and B.A. (History, Cultural Heritage Management and Tourism).

For All: Students are required to take all the core courses as indicated. Shaded totals represent the minimum required credits per semester basing on the specified core courses. A student may take one additional Elective course from the list provided under a relevant semester and *not* from elsewhere. HI 399 (Dissertation) can be opted only by invitation, that is, with permission of the Department.

For All Programmes except those taking B.A. (History): Compulsory second-year Practical Training (HI 299) conducted for 8 weeks during the long vacation, *i.e.*, outside the two classroom semesters, is not included in the total minimum/maximum count.

For those taking B.A. (History): Compulsory second-year Practical Training (AS 299) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count.

B.A. (History)

Code	Course Title	Status	Credit
First Year: Semester I			
HI 103	Capitalism and Imperialism in World History	Core	12
HI 104	Themes in African History	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods	Core	12
FP 100	Art and Society	Elective	12
Total			**72**
First Year: Semester II			
HI 101	Basic Concepts and Perspectives in History	Core	12
HI 102	Survey of World History to ca. 2500 A.D.	Core	12
HI 261	History of Tanzania	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Introduction to Social Science Methods II	Core	12
Total 60			

Code	Course Title	Status	Credit
56 credits are below the 60-minimum. Hence a student must add only one course so as not to violate the 72 credits allowable maximum for the semester.			
*A student **must** choose only one from the following*			
SO 115	Introduction to Culture and Society	Elective	12
Second Year: Semester I			
HI 260	Philosophies and Methodologies of History	Core	12
HI 262	History of East Africa	Core	12
HI 270	Health, Disease and Healing in 19th and 20th Century Africa	Core	12
HI 269	Survey World History of Globalization	Core	12
Total 48			
*A student **must** choose one or two courses from the following:*			
HI 267	Survey World History of Science and Technology: Ancient to Medieval Times	Elective	12
AS 217	Introduction to Computers	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
DS 201	Rural and Urban Development	Elective	12
Second Year: Semester II			
HI 271	History of West Africa	Core	12
HI 265	Neo-Colonialism and Revolutionary Movements	Core	12
HI 266	War and Warfare in World History	Core	12
HI 263	History of Central Africa	Core	12
HI 362	History of South Africa	Core	12
Total			**60**
A student may choose one course from the following:			
HI 268	Survey World History of Science and Technology: Modern Societies	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
AS 229	Practical Training (done during the long vacation)	Core	0
Third Year: Semester I			
HI 360	Economic History of Tanzania	Core	12
HI 363	History of North Africa	Core	12
HI 365	Political Economy of the U.S.A.	Core	12
HI 366	Topics in African Environmental History	Core	12
HI 368	Oral Histories in Tanzania: Theory	Core	12
Total			**60**
student may choose the following course			
AY 302	Archaeology of Tanzania	Elective	12
Third Year: Semester II			
HI 264	Africa and World Religions	Core	12
HI 364	Industrialisation and the Rise of the Working Class in Britain	Core	12
HI 367	Population and Urban History of Tanzania	Core	12
AY 304	Basics in Archaeology	Core	12

Code	Course Title	Status	Credit
HI 380	Ethnic Identities in Tanzania	Core	12
Total			**60**
A student may choose one or two courses from the following			
HI 369	Economic History of Tanzania: Practical (by invitation only)	Elective	12
HI 379	Oral Histories in Tanzania: Practical (By invitation only)	Elective	12
HI 399	Dissertation ++	Elective	24
PS 347	Peace Making and Conflict Resolution	Elective	12
SO 371	Contemporary Social Change and Culture	Elective	12
++HI 399 (Dissertation) is by invitation only. Total minimum number of (core) credits for BA (History) is 376.			

B.A. (History and Political Science)

Code	Title	Status	Credits
First Year: Semester I			
HI 103	Capitalism and Imperialism in World History	Core	12
HI 104	Themes in African History	Core	12
PS 110	Introduction to Political Science 1	Core	12
CL 106	Communication Skills	Core	12
DS 112	Development Perspectives 1	Core	12
AS 102	Introduction to Social Science Research Methods 1	Core	12
Total			**72**
First Year: Semester II			
HI 101	Basic Concepts and Perspectives in Historical Scholarship	Core	12
PS 111	Introduction to Political Science II	Core	12
PS 113	Government and Politics in Tanzania	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Social Science Research Methods I	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
Total			**72**

Total minimum number of (core) credits for BA (History and Political Science) is 328.

B.A. (Diplomatic and Military History)

Code	Title	Status	Credits
Second Year: Semester I			
HI 260	Philosophies and Methodologies of History	Core	12
HI 262	History of East Africa	Core	12
PS 220	Organization Theory	Core	12
PS 222	International Relations I	Core	12
Total			**48**
A student must choose ONE or TWO of the following courses			
HI 269	Survey World History of Globalization	Elective	12

Code	Title	Status	Credits
AS 230	Pan-African Thought and Practice I	Elective	12
PS 231	Contemporary Politics in East Africa	Elective	12
PS 233	Introduction to Public Policy	Elective	12
Second Year: Semester II			
HI 261	History of Tanzania	Core	12
HI 265	Neo-colonialism and Revolutionary Movements	Core	12
PS 223	International Relations II	Core	12
PS 222	International Organizations	Core	12
Total			**48**

A student must choose ONE or TWO of the following courses

Code	Title	Status	Credits
HI 266	War and Warfare in World History	Elective	12
HI 271	History of West Africa	Elective	12
PS 229	Basic Concepts in International Law	Elective	12
PS 224	Comparative Political Systems: Developing Area	Elective	12
HI 299	Practical Training in History and Political Science	Core	0
Third Year: Semester I			
HI 360	Economic History of Tanzania	Core	12
HI 368	Oral Histories in Tanzania: Theory	Core	12
PS 332	Theory and Politics of Development	Core	12
PS 350	African International Relations and Foreign Policy	Core	12
Total			**48**

A student must choose ONE or TWO of the following courses

Code	Title	Status	Credits
HI 363	History of North Africa	Elective	12
HI 365	Political Economy of the USA	Elective	12
PS 333	The Politics of North-South Relations	Elective	12
PS 352	Public Human Resource Management	Elective	12
Third Year: Semester II			
HI 264	Africa and World Religions: Islam and Christianity	Core	12
HI 380	Evolution of Ethnic Identities in Tanzania	Core	12
PS 347	Peace Making and Conflict Resolution	Core	12
PS 241	Public Administration in Tanzania	Core	12
Total			**48**

A student must choose ONE or TWO of the following courses

Code	Title	Status	Credits
HI 367	Population and Urban History of Tanzania	Elective	12
HI 364	Industrialization and the Rise of the Working Class in Britain	Elective	12
PS 314	Public Finance Management	Elective	12
PS 361	Administrative Law	Elective	12
Total			**48**

First Year: Semester I

Code	Title	Status	Credit
HI 120	Introduction to the History of Diplomacy	Core	12

Code	Title	Status	Credits
HI 121	Introduction to the History of War and Strategy	Core	12
HI 122	National Interests and Statecraft in History I	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods I	Core	12
Total			**72**

First Year: Semester II

HI 123	Diplomatic and Consular Practices in Historical Perspective	Core	12
HI 124	Introduction to Peace and Security Diplomacy	Core	12
HI 125	Introduction to Tanzania's Strategic Neighbourhood	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Social Science Research Method II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
Total			**72**

Second Year: Semester I

PS 222	International Relations I*	Core	12
HI 221	National Security Strategies in World History	Core	12
HI 222	War, Patriotism and Nationalism	Core	12
HI 223	National Interests and International Negotiations Diplomacy	Core	12
HI 224	Tanzania and the History of Liberation Struggles	Core	12
Total			**60**

A student may choose ONE of the following courses

HI 266	War and Warfare in World History	Elective	12
HI 227	Globalization and National Interests	Elective	12
HI 234	War in Tanzanian History	Elective	12

Second Year: Semester II

HI 228	Defence and National Development	Core	12
HI 229	Etiquette, Protocol and Decorum	Core	12
HI 230	The Art of War: Theory and History	Core	12
PS 223	International Relations II *	Core	12
PS 229	Basic Concepts in International Law*	Core	12
Total			**60**

A student may choose ONE of the following courses

HI 232	Colloquium on Military Strategy and Doctrines	Elective	12
HI 233	National Interests and Statecraft in History II	Elective	12
HI 235	Conference Diplomacy and International Organization	Elective	12

Code	Title	Status	Credits
HI 299	Practical Training in Diplomatic and Military History	Core	0
Third Year: Semester I			
HI 330	Ethics of War and Peace in Contemporary World	Core	12
HI 308	Theory and Practice in Archival Research	Core	12
HI 333	Introduction to Civil-Military Relations	Core	12
PS 350	African International Relations and Foreign Policy	Core	12
PS 346	Issues in International Law	Core	12
Total			**60**
A student may choose ONE of the following courses			
HI 334	Evolution of Warfare in Contemporary Times	Elective	12
PS 347	Peace Making and Conflict Resolution	Elective	12
HI 335	The United Nations System	Elective	12
PS 333	The Politics of North-South Relations*	Elective	12
Third Year: Semester II			
HI 338	Conflict Reconstructions and Peace Building in Contemporary History	Core	12
HI 336	Regional Economic Integration and Contemporary Diplomacy in Africa	Core	12
HI 340	The Indian Ocean Geo-Political Security	Core	12
LWE 530	International Humanitarian Law	Core	12
HI 341	Diplomatic and Consular Practices in Historical Perspective II	Core	12
Total			**60**
A student may choose ONE of the following courses			
HI 342	Wars and Militarism in History	Elective	12
HI 308	Theory and Practice in Archival Research	Elective	12
HI 344	History of Global Capitalism and Competitiveness	Elective	12
HI 339	Regional Security Dynamics and Area Studies	Elective	12
HI 331	Foreign and Defense Policy Analysis	Elective	12

Total minimum number of (core) credits for BA Diplomatic and Military History is 376.

B.A. (History, Cultural Heritage Management and Tourism)

Code	Title	Status	Credits
First Year: Semester I			
HI 112	Basic Concepts in History, Cultural Heritage Management and Tourism	Core	12
HI 104	Themes in African History	Core	12
HI 150	History of Heritage Conservation	Core	12

Code	Title	Status	Credits
CL 106	Communication Skills	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods I	Core	12
Total			**72**

First Year: Semester II

Code	Title	Status	Credits
HI 113	Reconstructing History from Ethnographic Remains	Core	12
HI 114	Historiography of Cultural Heritage Management and Tourism	Core	12
HI 151	Tourism in African History	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Social Science Research Method I	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
Total			**72**

Second Year: Semester I

Code	Title	Status	Credits
HI 260	Philosophies and Methodologies in History	Core	12
HI 262	History of East Africa	Core	12
HI 205	African Ethnography and the Politics of Archiving	Core	12
HI 213	Historical Interpretation of Cultural Heritage and Tourism	Core	12
AY 215	Principles of Cultural Tourism	Core	12
Total			**60**

A student may choose ONE of the following courses

Code	Title	Status	Credits
HI 211	Record Keeping and the Politics of Knowledge Creation	Elective	12
HI 206	*States* and Institutional Memories	Elective	12
AN 201	Ethnography as a Research Method	Elective	12
AY 221	Conservation and Curation of Fauna Materials	Elective	12

Second Year: Semester II

Code	Title	Status	Credits
HI 261	History of Tanzania	Core	12
H1 264	Africa and World Religions: Islam and Christianity	Core	12
AY 224	Conservation and Curation of Ceramic Materials	Core	12
HI 212	Cultural Tour Guidance	Core	12
HI 224	Tanzania and the History of Liberation Struggles in Africa	Core	12
Total			**60**

A student may choose ONE of the following courses

Code	Title	Status	Credits
HI 204	Creation and Maintenance of Public Archives	Elective	12
HI 222	War, Patriotism and Nationalism	Elective	12
AY 222	Conservation and Curation of Metal Materials	Elective	12

Code	Title	Status	Credits
AY 223	Conservation and Curation of Lithic Materials	Elective	12
HI 299	Practical Training in History, Cultural Heritage Management and Tourism	Core	0
Third Year: Semester I			
HI 360	Economic History of Tanzania	Core	12
HI 368	Oral Histories in Tanzania: Theory	Core	12
AY 301	Cultural Heritage Management	Core	12
AY 321	Heritage Laws	Core	12
HI 302	Government and Business Records Management	Core	12
Total			**60**
A student may choose ONE of the following courses			
AY 303	Introduction to Museum Studies	Elective	12
HI 301	Collection, Conservation and Security of Archival Materials	Elective	12
Third Year: Semester II			
H1 311	The History of Wildlife Conservation, Tourism and Leisure in Tanzania	Core	12
HI 380	Evolution of Ethnic identities in Tanzania	Core	12
HI 308	Theory and Practice in Archival Research	Core	12
AY 322	Ethics in Cultural Tourism	Core	12
AY 323	Intangible Heritage Resources in Tanzania	Core	12
Total			**60**
A student may choose ONE of the following courses			
HI 307	Introduction to Vital Registers	Elective	12
HI 263	History of Central Africa	Elective	12
HI 367	Population and Urban History of Tanzania	Elective	12

Total minimum number of (core) credits for BA History Cultural Management and Tourism is 376

DEPARTMENT OF ARCHAEOLOGY AND HERITAGE STUDIES

The department of Archaeology and Heritage Studies offers four degree programmes namely; B. A. (Archaeology); B. A. (Heritage Management); B. A. (Archaeology and History) and B. A. (Archaeology and Geography).

For All: Students are required to take all the core courses as indicated. Shaded totals represent the minimum required units per semester basing on the specified core courses. A student may choose one additional Elective course from the list provided under a relevant semester and not from elsewhere. AY 399 (Dissertation) can be opted only by invitation, that is, with permission of the Department.

For all students Except those taking B.A. (Heritage Management): Compulsory first-year Field Training in Archaeology (Survey) (AY 120) and second-yearField Training in Archaeology (Excavation) (AY 220) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count.

For those taking B.A. (Heritage Management): Compulsory first-year Field Training in Archaeology (Survey) (AY 120) and second-year Practical Training in Heritage Management (AY 230) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count.

B.A. (Archaeology)

Code	Title	Status	Credits
First Year: Semester I			
AY 100	Introduction to Archaeology	Core	12
AY 106	Survey of World Prehistory	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
DS 112	Development Perspectives I	Core	12
A student must choose one the following course			
BT 130	Evolutionary Botany	Elective	12
AY 105	Introduction to Primatology	Elective	12
Total			**72**
First Year: Semester II			
AY 101	Principles of Archaeology	Core	12
AY 102	Introduction to Anthropology	Core	12
AY 107	Basics in Dating Methods in Archaeology	Core	12
DS 113	Development Perspectives II	Core	12
HI261	History of Tanzania	Core	12
A student must choose one of the following courses			
SO 115	Introduction to Culture and Society	Elective	12
SO 118	Introduction to Cultural Anthropology	Elective	12
GE 144	Surveying and Mapping Science	Elective	12
ZL 122	Chordate Zoology	Elective	8
Total			**72**

Code	Title	Status	Credits
First Special Practical Training during the long vacation (8 weeks)			
AY 120	Field Training in Archaeology (Survey)	Core	12
Second Year: Semester I			
AY 211	Development of Archaeological Thoughts	Core	12
AY 203	African Civilizations	Core	12
HI 262	History of East Africa	Core	12
A student must choose at least two of the following courses			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AY 207	Ceramic Analysis in Archaeology	Elective	12
AY 213	Basics in Archaeometallurgy	Elective	12
Total			**72**
Second Year: Semester II			
AY 202	Human Evolution	Core	12
AY 209	Archaeological Methodology	Core	12
AY 216	Human Osteology and Osteometry Studies	Core	12
AY 214	Research Methods in Archaeology and Heritage	Core	12
A student must choose at least two of the following courses			
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
AY 204	Lithic Analysis in Archaeology	Elective	12
AY 212	Basics in Zooarchaeology	Elective	12
Total			**72**
First Special Practical Training during the long vacation			
AY 220	Field Training in Archaeology (Excavation)	Core	12
Third Year: Semester I			
AY 302	Archaeology of Tanzania	Core	12
HM 302	Museum Studies	Core	12
AY 311	Approaches to Hunter-Gatherers Studies	Core	12
HI 368	Oral Histories in Tanzania: Theory	Core	12
A student must choose at least one of the following courses			
AY 309	Mortuary Archaeology	Elective	12
AY 306	People and Cultures in Africa	Elective	12
AY 321	Heritage Laws	Elective	12
Total			**72**
Third Year: Semester II			
AY 300	Advanced Archaeological Theory	Core	12
AY 310	Studies in Human Adaptations, Variations, and Growth	Core	12
HM 304	Intangible Cultural Heritage Resources	Core	12

Code	Title	Status	Credits
AY 301	Cultural Heritage Management	Core	12
A student must choose one or two of the following courses			
AY 308	Forensic Anthropology	Elective	12
HM 303	Architecture in Archaeology	Elective	12
AY 307	Recent Research Approaches in Archaeology	Elective	12
AY 304	Basics in Archaeology	Elective	12
AY 399	Independent Project in Archaeology/Heritage Management (Dissertation) ++	Elective	24
Total			**60**

++ AY 399 (Dissertation) is by invitation only. The student should be in the second academic year (semester two) when invited to the course with a GPA trend of 3.8 and above.

B.A. (Heritage Management)

Code	Title	Status	Credits
First Year: Semester I			
HM 100	Introduction to Heritage Management	Core	12
AY 100	Introduction to Archaeology	Core	12
CA 100	Art and Society	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
DS 112	Development Perspectives I	Core	12
Total			**72**
First Year: Semester II			
HM 101	Tourism Development in African History	Core	12
HM 102	Basics in Archival Heritage	Core	12
HM 103	Heritage Conservation in Africa	Core	12
AY 101	Principles of Archaeology	Core	12
DS 113	Development Perspectives II	Core	12
A student must choose at least one of the following courses			
HI 261	History of Tanzania	Elective	12
SO 115	Introduction to Culture and Society	Elective	12
Total			**72**
First Special Practical Training during the long vacation			
AY 120	Field Training in Archaeology (Survey)	Core	12
Second Year: Semester I			
HM 200	Curation of Organic Materials	Core	12
HM 201	Curation of Inorganic Materials	Core	12
AY 203	African Civilizations	Core	12
GE 251	Tourism and Leisure	Core	12

Code	Title	Status	Credits
A student must choose at least two of the following courses			
LL 160	Basic French I	Elective	12
LL180	Advanced French I	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
HI 262	History of East Africa	Elective	12
Total			**72**
Second Year: Semester II			
HM 202	Principles of Cultural Tourism Management	Core	12
HM 203	Conservation of Organic Materials	Core	12
HM 204	Conservation of Inorganic Materials	Core	12
AY 202	Human Evolution	Core	12
AY 214	Research Methods in Archaeology and Heritage	Core	12
A student may choose one of the following courses			
LL 161	Basic French II ≈	Elective	12
LL 181	Advanced French II ≈	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
AY 209	Archaeological Methodology	Elective	12
Total			**72**
Second Special Practical Training during the long vacation			
AY 230	Practical Training in Heritage Management	Core	12
Third Year: Semester I			
HM 300	Ethics in Cultural Tourism	Core	12
AY 321	Heritage Laws	Core	12
HM 302	Museum Studies	Core	12
AY 302	Archaeology of Tanzania	Core	12
A student must choose at least one of the following courses			
AY 306	Peoples and Cultures in Africa	Elective	12
GE 352	Natural Resource Management	Elective	12
GE 348	Disaster Management	Elective	12
LL 260	Basic French III ≈	Elective	12
LL 270	Advanced French III ≈	Elective	12
Total			**72**
Third Year: Semester II			
HM 303	Architecture in Archaeology	Core	12
HM 304	Intangible Cultural Heritage Resources	Core	12
AY 301	Cultural Heritage Management	Core	12
HM 306	Marketing Heritage Resources	Core	12
HM 307	Heritage Conservation Planning	Core	12

Code	Title	Status	Credits
A student must choose one of the following courses			
SO 393	Society, Culture and Health	Elective	12
AY 307	Recent Research Approaches in Archaeology	Elective	12
LL 261	Basic French IV ≈	Elective	12
LL 276	Functional French I ≈	Elective	12
Total			**72**
HM 399	Independent Project in Heritage Management (Dissertation)++	Elective	24

++A student who is invited to register HM 399 (Dissertation) which has 24 credits will have 72 credits. The student should be in the second academic year (semester two) when invited to the course with a GPA trend of 3.8 and above.

≈ A student should opt for only one course of the LL pair as follows: 60 level for French beginners and 70 level for those who have passed basic level (e.g., those who studied French at A-level Secondary School) Total minimum number of (core) credits for B. A. (Heritage Management Studies) is 376.

B.A. (Archaeology and History)

Code	Title	Status	Credits
First Year: Semester I			
AY 100	Introduction to Archaeology	Core	12
AY 106	Survey of World Prehistory	Core	12
***CL 106	Communication Skills for Arts and Social Sciences	Core	12
***PL 111	Introduction to Critical Thinking and Argumentation	Core	12
***DS 112	Development Perspectives I	Core	12
Total			**60**
First Year: Semester II			
AY 101	Principles of Archaeology	Core	12
AY 102	Introduction to Anthropology	Core	12
*HI 102	Survey of World Prehistory up ca. 1500 AD.	Core	12
*HI 101	Basic Concepts and Perspectives in History	Core	12
*DS 113	Development Perspectives II	Core	12
*A student must choose **ONE** of the following courses*			
*SO 115	Introduction to Culture and Society	Elective	12
*SO 118	Introduction to Cultural Anthropology	Elective	12
First Year Special Practical Training during the long vacation (8 weeks)			
**AY 120	Field Training in Archaeology (Survey)	Core	12
Total			**72**
Second Year: Semester I			
AY 211	Development of Archaeological Thoughts	Core	12
AY 203	African Civilizations	Core	12
*HI 262	History of East Africa	Core	12
*HI 260	Philosophies and Methodologies of History	Core	12

Code	Title	Status	Credits
*A student must choose **TWO** of the following courses*			
*AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AY 207	Ceramic Analysis in Archaeology	Elective	12
AY 213	Basics in Archaeometallurgy	Elective	12
Total			**72**
Second Year: Semester II			
AY 202	Human Evolution	Core	12
AY 214	Research Methods in Archaeology and Heritage	Core	12
*HI 271	History of West Africa	Core	12
*HI 261	History of Tanzania	Core	12
Second Year Special Practical Training during the long vacation (8 weeks)			
**AY 220	Field Training in Archaeology	Core	12
*A student must choose **ONE** of the following courses*			
AY 204	Lithic Analysis in Archaeology	Elective	12
AY 212	Basics in Zooarchaeology	Elective	12
AY 209	Archaeological Methodology	Elective	12
Total			**72**
Third Year: Semester I			
AY 302	Archaeology of Tanzania	Core	12
HM 302	Museum Studies	Core	12
*HI 366	Topics in African Environmental History	Core	12
*HI 368	Oral Histories in Tanzania	Core	12
*A student must choose **TWO** of the following courses*			
AY 309	Mortuary Archaeology	Elective	12
AY 306	People and Cultures in Africa	Elective	12
AY 321	Heritage Laws	Elective	12
Total			**72**
Third Year: Semester II			
AY 300	Advanced Archaeological Theory	Core	12
*HI 264	Africa and World Religions	Core	12
*HI 380	Ethnic Identities in Tanzania	Core	12
AY 301	Cultural Heritage Management	Core	12
*A student must choose **ONE** or **TWO** of the following courses*			
AY 304	Basics in Archaeology	Elective	12
AY 307	Recent Research Approaches in Archaeology	Elective	12
AY 399****	Independent Project in Archaeology/Heritage Management (Dissertation) ++	Elective	24
Total			**60**

B.A. (Archaeology and Geography)

Code	Title	Status	Credits
First Year: Semester I			
AY 100	Introduction to Archaeology	Core	12
AY 106	Survey of World Prehistory	Core	12
GE 140	Introduction to Physical Geography	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
DS 112	Development Perspectives I	Core	12
Total			**72**
First Year: Semester II			
AY 101	Principles of Archaeology	Core	12
AY 102	Introduction to Anthropology	Core	12
GE 145	Introduction to Environmental Education	Core	12
GE 143	Environment Resources and Food Security	Core	12
GE 141	Climatology	Core	12
DS 113	Development Perspectives II	Core	12
Total			**72**
First Year Special Practical Training during the long vacation (8 weeks)			
AY 120	Field Training in Archaeology (Survey)	Core	12
Second Year: Semester I			
AY 211	Development of Archaeological Thoughts	Core	12
AY 203	African Civilizations	Core	12
GE 240	Soil Resources	Core	12
GE 250	Environmental Education and Conservation	Core	12
GE 251	Tourism and Leisure	Core	12
*A student should choose **ONE** of the following courses*			
AS 220	Pan-Africanism: Thought and Practice I	Elective	12
AY 207	Ceramic Analysis in Archaeology	Elective	12
AY 213	Basics in Archaeometallurgy	Elective	12
Total			**72**
Second Year: Semester II			
AY 202	Human Evolution	Core	12
AY 214	Research Methods in Archaeology and Heritage	Core	12
AY 209	Archaeological Methodology	Core	12
GE 245	Remote Sensing	Core	12
Second Year Special Practical Training during the long vacation (8 weeks)			
AY 220	Field Training in Archaeology (Excavation)	Core	12

A student should choose ONEof the following courses			
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
AY 204	Lithic Analysis in Archaeology	Elective	12
AY 212	Basics in Zooarchaeology	Elective	12
Total			**72**
Third Year: Semester I			
AY 302	Archaeology of Tanzania	Core	12
AY 311	Approaches to Hunter-Gatherers Studies	Core	12
HM 302	Museum Studies	Core	12
GE 352	Natural Resources Management	Core	12
GE 353	Geographical Information Systems	Core	12
A student may choose ONEof the following courses			
AY 309	Mortuary Archaeology	Elective	12
AY 306	People and Cultures in Africa	Elective	12
HM 321	Heritage Laws	Elective	12
Total			**72**
Third Year: Semester II			
AY 300	Advanced Archaeological Theory	Core	12
GE 350	Environmental Policy and Planning	Core	12
GE 354	Environmental Assessment	Core	12
AY 301	Cultural Heritage Management	Core	12
A student should choose ONE or TWOof the following courses			
AY 304	Basics in Archaeology	Elective	12
AY 307	Recent Research Approaches in Archaeology	Elective	12
AY 399	Independent Project in Archaeology/Heritage Management (Dissertation) ++	Elective	24
Total			**72**

++ AY 399 (Dissertation) is by invitation only. The student should be in the second academic year (semester two) when invited to the course with a GPA trend of 3.8 and above.

Guide to abbreviations: AY = Archaeology, HI = History, HM = Heritage Management
* Courses offered outside the Department of Archaeology and Heritage Studies
** Field Training Course, **** = = Considered when resources are available, ++ Course by invitation to students whose GPA is above 3.4.

DEPARTMENT OF LITERATURE

The Department offers a Bachelor of Arts in Literature programme. Focus in this degree programme is on developing skills essential to the objective of the programme. In addition to completing required core course, students may select Elective courses suited to their particular interests or career goals. All entering students are required to have a background on language and literature.

Shaded totals represent the minimum required units per semester from core courses. A student is free to choose one additional Elective course where and as provided under a given semester, and not from elsewhere.

Compulsory second-year Practical Training (AS 299) conducted for 8 weeks during the long vacation, i.e. outside the two classroom semesters, is not included in the total minimum/maximum count.

B.A. (Literature)

First Year: Semester I

Code	Course Title	Status	Credits
LT 110	Introduction to Literary Theories	Core	12
LT 111	African Literature	Core	12
LT 112	Introduction to Literary Devices	Core	12
DS 112	Development Perspective I	Core	12
AS 102	Introduction to Social Science Research I	Core	12
*A student may choose **only** ONE from the following*			
LT 118	Popular Literature	Elective	12
LT 120	Introduction to Argumentative Writing	Elective	12
Total			**72**

First Year: Semester II

Code	Course Title	Status	Credits
LT 113	Tanzanian Literature in English	Core	12
LT 117	Introduction to Poetry	Core	12
LT 119	Literature and The Art of Writing	Core	12
DS 113	Development Perspectives II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
AS 103	Introduction to Social Science Research Method II	Core	12
Total			**72**

Second Year: Semester I

Code	Course Title	Status	Credits
LT 210	Poetry	Core	12
LT 212	Drama	Core	12
LT 213	Modern Literary Theories	Core	12
LT 220	African Drama	Core	12
LT 221	Literature and The Negritude Movement	Core	12
Total			**60**
A student may choose ONE courses from the following			
LT 225	Studies in American Literature	Elective	12
AS 217	Introduction to Computers	Elective	12
AS 220	Pan-Africanism: Thought and Practice I	Elective	12

Code	Course Title	Status	Credits
Second Year: Semester II			
LT 211	Theories of African Oral Literature	Core	12
LT 214	Development of the Novel	Core	12
LT 215	Creative Writing	Core	12
LT 224	Feminism and Literature	Core	12
LT 217	Editing Literary Texts	Elective	12
Total			**60**
A student may choose ONE of the following			
LT 218	Caribbean Literature	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
AS 299	Practical Training (done during the long vacation)	Core	12
Third Year: Semester I			
LT 310	African Women Writers	Core	12
LT 311	Theory and Practice of Publishing	Core	12
LT 312	Language and Literature	Core	12
LT 322	Folklore, Culture and Literature	Core	12
LT 317	Study of a Major Author	Core	12
Total			**60**
A student may take the following course			
LT 324	Cross-cultural studies	Elective	12
Third Year: Semester II			
LT 313	Professional Communication	Core	12
LT 314	South African Literature	Core	12
LT 315	African American Literature	Core	12
LT 320	African Poetry	Core	12
LT 316	The African Novel	Core	12
Total			**60**
A student may take the following course			
LT 326	Methodology and Practice in Oral Literature Research (by Invitation)	Elective	12

Total minimum number of (core) credits for B. A. (Literature) is 376

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES

The Department of Philosophy and Religious Studies offers two degree programmes namely Bachelor of Arts in Philosophy and Ethics (B.A Philosophy and Ethics) and Bachelor of Arts in Philosophy and Literature (B.A. Philosophy and Literature). The department also provides service courses for different programmes.

B.A. (Philosophy and Ethics)

First Year: Semester I

Code	Title	Status	Credits
PL 100	Introduction to Philosophical Analysis	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods I	Core	12
Total			**60**
A student may take the following course			
PL 121	Scientific Writing and Reading	Elective	12
First Year: Semester II			
PL 112	Formal Logic	Core	12
PL 122	Metaphysics	Core	12
PL 132	Theory of Knowledge	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Introduction to Social Science Research Methods II	Core	12
Total			**60**
A student may take the following course			
PL 142	Selective Readings of Philosophical Classics	Elective	12
Second Year: Semester I			
Pl 211	Methods of Philosophy	Core	12
PL 221	Theories of Ethics and Moral Philosophy	Core	12
PL 231	History of Ancient and Medieval Philosophy	Core	12
Total			**36**
A Student may take TWO to THREE of the following courses			
PL 241	Aesthetics and Culture	Elective	12
PL 251	Intermediate Logic	Elective	12
SO 116	Introduction to Sociology	Elective	12
AS 200	Pan-Africanism, Thought and Practice I	Elective	12
Second Year: Semester II			
PL 212	Contemporary Political Philosophy	Core	12
PL 222	History of Modern and Contemporary Philosophy	Core	12
PL 232	Climate Change and Environmental Ethics	Core	12
Total			**36**
A Student may take TWO to THREE of the following courses			
PL242	Applied Ethics	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
DS 212	Globalization and Development	Elective	12

Code	Title	Status	Credits
FP 100	Art and Society	Elective	12

Third Year: Semester I

Code	Title	Status	Credits
PL 311	Professional and Civic Ethics	Core	12
PL 321	Philosophy of Law and Human Rights	Core	12
PL 331	African Philosophy	Core	12
Total			**36**

A Student may take TWOto THREEof the following courses

Code	Title	Status	Credits
PL 341	Philosophy of Religion	Elective	12
PL 351	Business Ethics	Elective	12
LT 312	Language and Literature	Elective	12

Third Year: Semester II

Code	Title	Status	Credits
PL 312	Philosophy of Science	Core	12
PL 322	Development Ethics and Global Justice	Core	12
PL 332	Philosophy of Mind and Cognitive Science	Core	12
Total			**36**

A Student may take TWO to THREE of the following courses

Code	Title	Status	Credits
PL 342	Philosophy of Language	Elective	12
PL 352	Ethics of Leadership and Management	Elective	12
PL 362	Bioethics	Elective	12

B.A. (Philosophy and Literature)

First Year: Semester I

Code	Title	Status	Credits
PL 100	Introduction to Philosophical Analysis	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
LT 111	African Literature	Core	12
DS 112	Development Perspectives I	Core	12
AS 102	Introduction to Social Science Research Methods I	Core	12
Total			**72**

A student may take the following course

Code	Title	Status	Credits
PL 121	Scientific Writing and Reading	Elective	12

First Year: Semester II

Code	Title	Status	Credits
PL 112	Formal Logic	Core	12
PL 122	Metaphysics	Core	12
PL 132	Theory of Knowledge	Core	12
LT 112	Introduction to Literary Devices	Core	12
DS 113	Development Perspectives II	Core	12
AS 103	Introduction to Social Science Research Methods II	Core	12
Total			**72**

Second Year: Semester I

Code	Title	Status	Credits
Pl 211	Methods of Philosophy	Core	12
PL 221	Theories of Ethics and Moral Philosophy	Core	12
PL 231	History of Ancient and Medieval Philosophy	Core	12
PL 241	Aesthetics and Culture	Core	12

LT 210	Poetry	Core	12
LT 222	World Trends in Children's Literature	Core	12
Total			**72**

A Student may take TWO to THREE of the following courses

PL 251	Intermediate Logic	Elective	12
LT 220	African Drama	Elective	12

Second Year: Semester II

PL 212	Contemporary Political Philosophy	Core	12
PL 222	History of Modern and Contemporary Philosophy	Core	12
PL 232	Climate Change and Environmental Ethics	Core	12
LT 214	Development of the Novel	Core	12
Total			**48**

A Student may take TWO to THREE of the following courses

PL242	Applied Ethics	Elective	12
LT 224	Feminism and Literature	Elective	12
LT 215	Creative Writing	Elective	12

Third Year: Semester I

PL 311	Professional and Civic Ethics	Core	12
PL 331	African Philosophy	Core	12
LT 312	Literature and Language	Core	12
LT 317	Study of a Major Author	Core	12
Total			**48**

A Student may take TWO to THREE of the following courses

PL 341	Philosophy of Religion	Elective	12
PL 351	Business Ethics	Elective	12
PL 321	Philosophy of Law and Human Rights	Elective	12

Third Year: Semester II

PL 312	Philosophy of Science	Core	12
PL 322	Development Ethics and Global Justice	Core	12
PL 352	Ethics of Leadership and Management	Core	12
LT 315	African American Literature	Core	12
Total			**48**

A Student may take TWO to THREE of the following courses

PL 342	Philosophy of Language	Elective	12
PL 332	Philosophy of Mind and Cognitive Science	Elective	12
LT 314	South African Literature	Elective	12

Service courses for different programmes are as follows;
Semester I

PL 100	Introduction to Philosophical Analysis	12
PL 111	Introduction to Critical Thinking and Argumentation	12
PL 200	Introduction to Ancient and Medieval Philosophy	12
PL 211	Theories of Social and Moral Philosophy	12
PL 213	Metaphysics and Epistemology	12
PL 301	Philosophy of Religion	12
PL 311	Professional and Civic Ethics	12
PL 313	Contemporary Philosophy	12
PL 314	Philosophy of Law	12

Semester II		
PL 102	Introduction to Ethics, Aesthetics and Cultural Philosophy	12
PL 111	Introduction to Critical Thinking and Argumentation	12
PL 112	Introduction to Formal Logic	12
PL 201	Introduction to Modern Philosophy	12
PL 212	Applied Philosophy and Development Ethics	12
PL 312	African Philosophy	12
PL 214	Current Political Philosophy	12
PL 300	Philosophy of Language	12
PL 302	Philosophy of Science	12
PL 304	Philosophy of Mind	12
PL 306	Philosophical Hermeneutics	12

CONFUCIUS INSTITUTE

The course code "CM" stands for the Chinese Mandarin variety, which is the focus of the Confucius Institute.

FIRST YEAR: SEMESTER I

Code	Title	Status	Credits
CM 107	Comprehensive Chinese I	Core	12
CM 110	Chinese Listening and Speaking I	Core	12
LL 115	English Listening Skills	Core	12
LL 117	English Reading Skills	Core	12
EF 100	Principles of Education	Core	12
DS 112	Development Perspective I	Core	12
FIRST YEAR: SEMESTER II			
CM 108	Comprehensive Chinese II	Core	12
CM 211	Chinese Listening and Speaking II	Core	12
DS 113	Development Perspective II	Core	12
CT 100	Introduction to Teaching	Core	12
CL 106	Comunication Skills	Core	12
LL 116	English Speaking Skills	Core	12
CT 101	Teaching Practice I	Core	12
SECOND YEAR: SEMESTER II			
CM 204	Chinese Oral Literature	Core	12
CM 212	Chinese Writing Skills II	Core	12
LL 118	English Writing Skills	Core	12
CT 200	Principles of Curriculum Development & Teaching	Core	12
CT 201	Education Media and Technology	Core	12
CT 202	Teaching Practice II	Core	12
A student should select at least one course from the following electives			
LL 218	English Rhetoric	Elective	12
LL 220	English Grammar	Elective	12
THIRD YEAR: SEMESTER I			
CM 305	Chinese Contemporary Literature	Core	12
LL 317	Introduction to English Pragmatics	Core	12
LL 203	Introduction to Semantics	Core	12
EA 300	Management of Education and School Administration	Core	12
EP 307	Psychology of Exceptionalities	Core	12
A student should select at least one course from the following electives			
LL 330	Introduction to Translation Theory	Elective	12
LL 332	Introduction to Editing and Proofreading	Elective	12

Code	Title	Status	Credits
CM 301	History of Chinese Language	Elective	12
CM 311	Practical Translation in English and Chinese	Elective	12
THIRD YEAR: SEMESTER II			
CM 302	Chinese Classical Literature I	Core	12
LL 318	Study of Discourse	Core	12
EP 300	Education Measurement and Evaluation	Core	12
EF 303	Professionalism and Ethics in Education	Core	12
A student should select at least ONE course from the following electives			
LL 314	Second Language Acquisition	Elective	12
LL 313	Linguistics and Language Teaching	Elective	12
CM 304	Introduction to Chinese Semantics	Elective	12
CM 303	Chinese for Business	Elective	12

BACHELOR OF ARTS WITH EDUCATION

1. Students taking BA (Education) are required to take two Teaching Subjects (content) offered by either the College of Humanities, the College of Social Sciences or the Institute of Kiswahili Studies (for Kiswahili courses) and Education courses offered by the School of Education. A student must pick at least one of the two subjects – Teaching Subject #1 and Teaching Subject #2 - from the College.

    The departments which offer courses to BA (Education) students are:
    * Creative Arts (CoHU)
    * Foreign Languages and Linguistics (CoHU),
    * History (CoHU),
    * Literature (CoHU),
    * Geography (CoSS),
    * Economics (CoSS),
    * Political Science and Public Administration (CoSS), as well as the
    * Institute of Kiswahili Studies (IKS).

2. Compulsory University/College-wide courses
    For BA (Education) students the following are compulsory/college-wide courses:
    DS 112 Development Perspectives I   12 credits
    DS 113 Development Perspectives II   12 credits
    CL 106 Communication Skills   12 credits
    BA (Education) students are exempted from all other college-wide courses taken by CoHU students.

3. The School of Education offers two teaching method courses: CT 106 for those taking language subjects such as English, French or Kiswahili and CT 107 for those taking non-language subjects such as History, Creative Arts, Geography, Political Science and Public Administration or Economics.
4. The regulation that the number of credits per semester should lie between 60 and 72 per semester has to be adhered to. However, given the requirement to take college/university wide core courses and given that the School of Education offers for 2nd Year Semester I two or three (24 or 36 credits) compulsory courses, students are compelled to taking 72 credits per semester.

4.1 Following item No. 3 above, three scenarios are described, depending on the two Teaching Subjects combinations which a student may decide to take.
    Language BA (Education): Students choose teaching subjects 1 and 2 from language subjects. For the time being, these include English, French and Kiswahili.

Non-language BA (Education): Students choose teaching subjects 1 and 2 from non-language subjects such as History, Geography, Creative Arts, Political Science and Public Administration or Economics.

Language + Non-language BA (Education) Students choose one language subject and one non-language subject. For instance, English and History; or French and Geography.

4.2   It is particularly important to take note of the implications of the choice a student makes according to 4.1 above. During Second Year-Semester I:

Language BA (Education), i.e. students will take CT 106 in addition to EP 101 (24 credits).

Non-Language) BA (Education) students: Students will take CT 107 in addition to EP 101 (24 credits).

Students who combine language and non-language subjects must take both CT 106 and CT 107, in addition to EP 101 (36 credits).

Tables 6a guides the counting of credits and registration of courses for students who take two Languages as two Teaching Subjects (have to take CT 106 and EP 101) and those students who decide to take two non-language subjects as teaching subjects (taking CT 107 and EP 101) during Second Year-Semester I.

Table 6b shows the distribution of credits for students taking one language and one art subject as teaching subjects. These students have to take CT 106, CT 107 and EP 101.

**First Year Semester II: Given the need to take DS 112, CL 106 and CT100 (accounting for 36 credits), students are needed to take fewer credits in one of the content courses. That is, students will take two courses from one Teaching Subject and one course from the other, to get 36 credits which, when added to the 62 credits sum up to 72 credits.

**Second Year – Semester I: Given that students who combine language and non-language subjects must take CT 106, CT 107 and EP 101, they need, during second year, semester I, to take 36 credits instead of 48 from the content subjects. That is, students will take two courses from one Teaching Subject and one course from the other, to get 36 credits which, when added to the 36 credits sum up to 72 credits.

5.   Teaching Practice
All BA (Education) students must register for two Teaching Practice 'practical courses' (TP) administered by the School of Education.

Teaching Practice 1 (CT 101) during the long vacation after Semester II of 1st year (core, 12 credits)

Teaching Practice II (CT 202) during the long vacation after Semester II of 2nd year (core, 12 credits)
Note: credits of these 'practical courses' are not counted in the 60-72 credits/semester bracket as they are offered outside the two class-room based semesters. Note that no one can graduate without passing both CT 101 and CT 202.

The course details are as follows:
Table 6(a): Case of Two Languages or Two Non-language Subjects

1st year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (one course)	12	
	EF 100	12	CT 100	12	
	DS 112	12	DS113	12	
			CL106	12	
	Sub-total	**72**		**72**	**144**
2nd Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	

	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	CT 106 or CT107	12	CT 200	12	
	EP 101	12	CT 201	12	
	Sub-total	**72**		**72**	**144**
3rd Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	EA 300	12	EF 303	12	
	EP 306	12	EP 300	12	
	Sub-total	**72**		**72**	**144**
Programme Total					**432**

Table 6 (b): Case of One Language and One Non-language Subjects

	Semester 1		Semester II		Year Total
		Credits		Credits	
1st year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24**	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (one course)	12**	
	EF 100	12	CT 100	12	
	DS112	12	DS13	12	
			CL106	12	
	Sub-total	**72**		**72**	**144**
2nd Year	Teaching Subject 1 (one course)	12**	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24**	Teaching Subject 2 (two courses)	24	
	CT 106	12	CT 200	12	
	CT107	12	CT 201	12	
	EP 101	12			
	Sub-total	**72**		**72**	**144**
3rd Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	EA 300	12	EF 303	12	
	EP 306	12	EP 300	12	
	Sub-total	**72**		**72**	**144**
Programme Total					**432**

First Year Semester I: limit is 72 credits.

BA (EDUCATION) COURSES BY OFFERING DEPARTMENT

1. Department of Creative Arts
Important Note: Students must choose and stick to only one of the following three sub-streams in the department: Music, Fine Arts and Theatre Arts for continuing student and four sub-streams for first year students, i.e. Music, Art and Design, Theatre Arts, and Film and Television. Crossing of sub-streams or degree programmes is not permitted.

Code	Course Title	Status	Credits
Music Sub-Stream			
First Year: Semester I (Music)			
CA 104	Fundamentals of Music	Core	12
CA 105	Piano Instruction	Core	12
First Year: Semester II (Music)			
CA 114	Music Theory	Core	12
CA 115	Introduction to Instrumental Instruction (selected instrument)	Core	12
Second Year: Semester I (Music)			
CA 204	Advance Music Theory	Core	12
CA 215	Instrumental Instruction	Core	12
Second Year: Semester II (Music)			
CA 214	Composition and Arranging	Core	12
CA 224	Music Cultures of the World	Core	12
Third Year: Semester I (Music)			
CA 320	Research in the Creative Arts	Core	12
CA 304	Advanced Composition and Arranging	Core	12
Third Year: Semester II (Music)			
CA 355	Documentation and Archiving	Core	12
CA 345	Project in Music Performance	Core	12
Art and Design Sub-Stream			
First Year: Semester I (Art and Design)			
CA 100	Creative Art and Society	Core	12
CA 101	Fundamentals of Drawing	Core	12
First Year: Semester II (Art and Design)			
CA 102	Fundamentals of Graphic Design	Core	12
CA 121	Fundamentals of Painting	Core	12
Fine Arts Sub-Stream			
Second Year: Semester I (Fine Arts)			
CA 201	Advanced Drawing	Core	12
CA 242	Printmaking	Core	12
Second Year: Semester II (Fine Arts)			
CA 211	Advanced Painting	Core	12
CA 241	Studies in African Arts	Core	12
Third Year: Semester I (Fine Arts)			

Code	Course Title	Status	Credits
CA 320	Research in the Creative Arts	Core	12
CA 303	Special studies in Fashion Design	Core	12
Third Year: Semester II (Fine Arts)			
CA 321	Special Studies in Painting	Core	12
CA 341	History of World Art	Core	12
Theatre Arts Sub- stream			
First Year: Semester I (Theatre Arts)			
CA 119	Theatre Practices in Tanzania	Core	12
CA 109	Introduction to African Dance	Core	12
First Year: Semester II (Theatre Arts)			
CA 129	African Theatre	Core	12
CA 149	Acting	Core	12
Second Year: Semester I (Theatre Arts)			
CA 200	Art Communication and Social Mobilization	Core	12
CA 249	Advanced Acting	Core	12
Second Year: Semester II (Theatre Arts)			
CA 218	Play Writing	Core	12
CA 229	Theatre for Children and Youth	Core	12
Third Year: Semester I (Theatre Arts)			
CA 320	Research in the Creative Arts	Core	12
CA 318	Advanced Play Writing	Core	12
Third Year: Semester II (Theatre Arts)			
CA 349	Play Production	Core	12
CA 359	Theatre in Education	Core	12
2. Department of Foreign Languages and Linguistics			
English			
First Year: Semester I			
LL 101	Introduction to Linguistic Structure	Core	12
LL 212	Introduction to English Structure and Function	Core	12
First Year: Semester II			
LL 114	English Language Practice	Core	12
LL 102	Social and Biological Aspects of Language	Core	12
Second Year: Semester I			
LL 215	Dialects of English	Core	12
LL 219	Introductory English Phonetics and Phonology	Core	12
Second Year: Semester II			
LL 214	English Structure	Core	12
LL 202	Morphology	Core	12

Code	Course Title	Status	Credits
Third Year: Semester I			
LL 317	Introduction English Pragmatics	Core	12
LL 201	Linguistic Theory	Core	12
Third Year: Semester II			
LL 314	Second Language Acquisition	Core	12
LL 302	Sociolinguistics	Core	12
French			
First Year: Semester I			
LL 170	Advanced French I	Core	12
LL 172	Introduction to Francophone Literature	Core	12
First Year: Semester II			
LL 171	Advanced French II	Core	12
LL 173	French Oral Literature from Africa	Core	12
Second Year: Semester I			
LL 270	Advanced French III	Core	12
LL 274	Introduction to Translation	Core	12
Second Year: Semester II			
LL 271	Advanced French IV	Core	12
LL 277	French Phonetics and Phonology	Core	12
Third Year: Semester I			
LL 370	Advanced French V	Core	12
LL 374	Translation I	Core	12
Third Year: Semester II			
LL 371	Advanced French VI	Core	12
LL 377	French Morphology and Syntax	Core	12
3. Department of History			
First Year: Semester I			
HI 103	Capitalism and Imperialism in World History	Core	12
HI 104	Themes in African History	Core	12
First Year: Semester II			
HI 102	Survey of World History to ca. 1500 A. D	Core	12
HI 261	History of Tanzania	Core	12
Second Year: Semester I			
HI 262	History of East Africa	Core	12
HI 260	Philosophies and Methodologies of History	Core	12
Second Year: Semester II			
HI 271	History of West Africa	Core	12
HI 263	History of Central Africa OR+	Core	12
HI 362	History of South Africa	Core	12

Code	Course Title	Status	Credits
Third Year: Semester I			
HI 360	Economic History of Tanzania	Core	12
HI 368	Oral Histories in Tanzania: Theory	Core	12
Third Year: Semester II			
HI 364	Industrialization and the Rise of the Working Class in Britain	Core	12
AY 304	Basics in Archaeology	Core	12
+ In addition to West Africa (HI 271) a student will choose either Central Africa (HI 263) or South Africa (HI 362) to make a total of two courses for Semester II.			

4. Department of Literature

Code	Course Title	Status	Credits
First Year: Semester I			
LT 110	Introduction to Literary Theories	Core	3
LT 111	African Literature	Core	3
First Year: Semester II			
LT 112	Introduction to Literary Devices	Core	3
LT 116	Literature and Society	Core	3
Second Year: Semester I			
LT 210	Poetry	Core	3
LT 212	Drama	Core	3
Second Year: Semester II			
LT 213	Modern Literary Theory	Core	3
LT 214	Development of the Novel	Core	3
Third Year: Semester I			
LT 310	African Women Writers	Core	3
LT 311	Theory and Practice of Publishing	Core	3
Third Year: Semester II			
LT 312	Language and Literature	Core	3
LT 315	African American Literature	Core	3

5. Department of Economics

Code	Course Title	Status	Credits
First Year: Semester I			
EC 116	Introductory Microeconomic Analysis I	Core	12
EC 117	Introductory Macroeconomic Analysis I	Core	12
First Year: Semester II			
EC 126	Introductory Microeconomic Analysis II	Core	12
EC 127	Introductory Macroeconomic Analysis II	Core	12
Second Year: Semester I			
EC 216	Intermediate Microeconomic Analysis I	Core	12
EC 217	Intermediate Macroeconomic Analysis I	Core	12
Second Year: Semester II			
EC 226	Intermediate Microeconomic Analysis II	Core	12
EC 227	Intermediate Macroeconomic Analysis II	Core	12

Code	Course Title	Status	Credits
Third Year: Semester I			
EC 371	Monetary Economics I	Core	12
EC 373	International Economics I	Core	12
Third Year: Semester II			
EC 381	Monetary Economics II	Core	12
EC 383	International Economics II	Core	12
6. Department of Geography			
First Year: Semester I			
GE 140	Introduction to Physical Geography	Core	12
GE 142	Spatial Organisation	Core	12
First Year: Semester II			
GE 144	Surveying and mapping science	Core	12
GE 141	Spatial Organisation	core	12
Second Year: Semester I			
GE 244	Quantitative Methods in Geography	Core	12
GE 145	Environmental Education	Core	12
Second Year: Semester II			
GE 241	Biography	Core	12
GE 247	Population Studies	Core	12
Third Year: Semester I			
GE 343	Population and Development	Core	12
GE 352	Natural Resources Management	Core	12
Third Year: Semester II			
GE 341	Contemporary Geography in Africa	Core	12
GE 349	Agriculture and Rural Settlements	Core	12
7. Department of Political Science and Public Administration			
First Year: Semester I			
PS 110	Introduction to Political Science I	Core	12
PS 122	Political Thought I	Core	12
First Year: Semester II			
PS 111	Introduction to Political Science II	Core	12
PS 113	Governments and Politics in Tanzania	Elective	12
Second Year: Semester I			
PS 231	African Political Thought	Core	12
PS 233	Introduction to Public Policy	Core	
Second Year: Semester II			
PS 225	Local Government	Core	12
PS 226	Legislature and Legislative Processes	Core	12
Third Year: Semester I			
PS 334	Human Rights: Theory and Practice	Core	12

Code	Course Title	Status	Credits
PS 337	Civil Society and the State	Core	12
Third Year: Semester II			
PS 341	Public Administration in Tanzania	Core	12
PS 335	Democracy: Theory and Practice	Core	12

8. Institute of Kiswahili Studies (IKS) / Taasisi ya Taaluma za Kiswahili (TATAKI)

Msimbo	Jina la Kozi	Hadhi	Maksi
Mwaka wa Kwanza: Semista ya Kwanza			
KF 102	Utangulizi wa Fasihi (Simulizi na Andishi)	Lazima	12
KI 107	Misingi ya Isimu ya Kiswahili	Lazima	12
Mwaka wa Kwanza: Semista ya Pili			
KF 103	Nadharia na Uhakiki wa Fasihi	Lazima	12
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya Kwanza			
KI 208	Fonolojia ya Kiswahili	Lazima	12
KF 223	Ushairi wa Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya Pili			
KI 209	Mofolojia ya Kiswahili	Lazima	12
KF 221	Fasihi ya Watoto na Vijana	Hitiari	12
Mwaka wa Tatu: Semista ya Kwanza			
KI 310	Sintaksia ya Kiswahili	Lazima	12
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	Lazima	12
Mwaka wa Tatu: Semista ya Pili			
KI 311	Semantiki na Pragmatiki ya Kiswahili	Lazima	12
KF 318	Riwaya ya Kiswahili	Lazima	12
KF 319	Tamthilia ya Kiswahili	Lazima	12

9. School of Education

Code	Course Title	Status	Credits
First Year: Semester I			
EF 100	Principles of Education	Core	12
First Year: Semester II			
CT 100	Introduction to Teaching	Core	12
CT 101	Teaching Practice (during long vacation) *	Core	12
Second Year: Semester I			
CT 106	Secondary Education Language Methods**	Core	12
CT 107	Social Science Education Methods**	Core	12
EP 101	Introduction to Educational Psychology	Core	12
Second Year: Semester II			
CT 200	Principles of Curriculum Development and Teaching	Core	12
CT 201	Educational Media and Technology	Core	12

Code	Course Title	Status	Credits
CT 202	Teaching Practice (during long vacation)*	Core	12
Third Year: Semester I			
EA 300	Management of Education and School administration	Core	12
EP 306	Counselling and Special Needs Education	Core	12
Third Year: Semester II			
EF 303	Professionalism and Ethics in Education	Core	12
EP 300	Educational Measurement and Evaluation	Core	12

Note: these are done during long vacation, i.e., outside the semester duration

**CT 106 is for students doing Languages (English, French and Kiswahili). CT 107 is for students doing non-language subjects (Economics, Geography, History and Political Science) (for more guidance see Table 6a above). However, students whose teaching subjects include language and social science subjects (e.g. English/Kiswahili and History or Geography, or Political Sciences, etc.), must take both CT 106 and CT 107, in addition to EP 101 (for more guidance see Table 6b above).

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*L. K. Herman, B.A. Ed, M.A. (Dar)
*O. R. Kanyawana, B.A. Ed, M.A. (Dar)
*S. E. Kiswaga, B.A. Ed (Dar), M.A., (Airlangga)
*N.N. Shonde, B.A.; M.A. (Dar)
*H. E. Msilikale, B.A.Ed, M.A. (Dar)
*R. N. Nzegenuka, B.A.Ed, M.A. (Dar)

DEPARTMENT OF HISTORY
Head and Senior Lecturer
H. R. Kangalawe, B.A. Ed, M.A. (Dar), PhD (Stellenbosch)

Senior Lecturer
H. R. Kangalawe, B.A.Ed, M.A. (Dar), PhD (Stellenbosch)
O. J. Masebo, B.A.Ed, M.A., (Dar), PhD (Minnesota)
M. J. Chuhila, B.A.Ed, M.A. (Dar), PhD (Warwick)
I. R. Magoti, B.A.Ed, M.A., PhD (Dar)
S. S. Nyanto, B.A., M.A. (Dar), PhD (Iowa)

Lecturers
M. M. Sadock, B.A.Ed (Dar), M.A. (Iowa), PhD (Dar)
G. G. Sumbai, B.Ed, M.A., PhD (Dar)
G. K. Ambindwile, B.A.Ed, M.A., PhD (Dar)
J. F. Zotto, B.A.Ed, M.A., PhD (Dar)
H. H. Ndomba, B.A.Ed, M.A. (Dar), PhD (Stellenbosch)
A. K. Onyiego, B.A.Ed, M.A., PhD (Dar)
Y. S. Komba, B.A.Ed, M.A. (Dar), PhD (Stellenbosch)
R. E. Kirey, B.A.Ed, M.A. (Dar), PhD (Humbort)
A. A. Kifyasi, B.A. Ed, M.A. (Dar), M.A. (Zhejiang), PhD (Basel)
J. M. Paresso, B.A.Ed, M.A., PhD (Dar)
E. L. Mchome, B.A.Ed, M.A. (Dar), PhD (Darmstadt)
F. F. Edward, B.A., M.A. (Dar), PhD (Darmstadt)

Assistant Lecturers
D. S. Abia, B.A., M.A. (Dar)
B. W. Mtechura, B.A..Ed, M.A. (Dar)
C. P. Mgombere, B.A., M.A. (Dar)
J. P. Mgaya, B.A. Ed. (RUCU), M.A. (SAUT)
S. Y. Sombe, B.A. Ed. (SAUT), M.A. (Dar)
*J. B. Kuboja, B.A (DUCE)., M.A., (Dar)

Tutorial Assistant
A. A. Simba, B.A. (LSE)

DEPARTMENT OF ARCHAEOLOGY AND HERITAGE STUDIES

Head and Senior Lecturer
E. A. Mjema, B.A., M.A. (Dar), PhD (Frankfurt)

Associate Professors
A. Z. P. Mabula, B.A. (Dar), M.A., PhD (Florida)
E. T. Kessy, B.A. (Dar), MPhil. (Cambridge), PhD (Simon Fraser)
P. M. Bushozi, B.A., M.A. (Dar), PhD (Alberta)
E. C. Lyaya, B.A., M.A. (Dar), PhD (London)
E. B. Ichumbaki, B.A., M.A., PhD (Dar)

Senior Lecturers
T. J. Biginagwa, B.A., M.A. (Dar), PhD (York)
E. A. Mjema, B.A., M.A. (Dar), PhD (Frankfurt)
F. M. Masele, B.A., M.A. (Dar), PhD (Alberta)
M. P. Itambu, B.A., M.A. (Dar), PhD (Calgary)
***N. B. Lwoga, B.A. (Makerere), M.A. (Dar), M.A. (OUT), PhD (Dar)

Lecturers
R. N. Bigambo, B.A., M.A. (Dar), PhD (Birmingham)
N. A. Rushohora, B.A., M.A. (Dar), PhD (Pretoria)
S. M. Mwintondi, B.A., M.A. PhD (Dar)
M. F. Chami, B.A. (Dom), M.A. (UDSM), PhD. (Cottbus)
V. V. Silayo, B.A., M.A. (Dar), PhD (Latrobe)

Assistant Lecturers
H. H. Kihanzah, B.A., M.A. (Dar)
*S. R. Mark, B.A., M.A. (Dar)
*M. J. Bundala, B.A., M.A. (Dar)

Tutoral Assistants
B. E. Ibare, B.A. (Dar)
I. U. Severine, B.A. (Dar)
J. A. Sabas, B.A. (Dar)
R. R. Kinabo, B.A. (Dar)

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
Head and Lecturer
M. F. Lyakurwa, B.A. (Urbaniana Roma) M.A. (Dar), PhD (Stellenbosch)

Professors
H. Lauer, B.A. (New York), B.A. (Accra), M.A., PhD (New York)

Senior Lecturers
E. C. Magoti, B.A., M.A. (Louvain), PhD (Birmingham)

Lecturers
M. F. Lyakurwa, B.A (Urbaniana), M.A. (Dar), PhD (Stellenbosch)
P. J. Komu, B.A (Jordan), M.A (Dar), PhD (Stellenbosch)
I. B. Kivinge, B.A (Jordan), M.A. (Jordan), PhD (Nairobi)
***N. M. Masoud, B.A, M.A, PhD (Moscow)

Assistant Lecturers
R. F. Shekibua, B.A. (SAUT), M.A (Jordan)
A. I. Said, B.A., M.A. (Dar)
A. P. Kato, B.A., M.A. (SAUT)
M. B. Odulaja, B.A., M.A. (SAUT)
W. J. Simon B.A, (CUEA), M.A. (Dar)
*J. J. Coy, B.A. (Jordan), M.A. (Dar)
*S. Kuhumba, B.A. (Jordan), M.A. (Bangalore)
*V. W. Mujuni, B.A. (Rome), M.A. (Dar)
* P. T. Mosha, B.A, (Urbaniana),M.A., (Dar)
* E. C. Mgalula, B.A. (Nairobi), M.A. (Dar)
*L. S. Kitula, B.A., M.A. (Dar)
*K. A. Mugisha, B.A. (Rome), M.A. (Jordan)

CENTRE FOR COMMUNICATION STUDIES (CCS)
Director and Lecturer
Z. S. Ombijah, B.A., M.A. (Dar), PhD (Essex)

Lecturers
Z. S. Ombijah, B.A., M.A. (Dar), PhD (Essex)
M. L. Karani, B.A. Ed., M.A. (Dar), PhD (Stellenbosch)
P. C. Mdukula, B.A. Ed., M.A., PhD (Dar)
P. L. Joseph, B.A. Ed, M.A. (Dar), PhD (Stellenbosch)

Assistant Lecturers
F. Mulinda, B.A. (Dar), M.A. (Eldoret)
S. Edward, B.A. (DUCE), M.A. (Dar)

N. B. Fivawo, B.A. (SAUT), M.A. (Dar)
N. S. Kikoti, B.A. Ed. (DUCE), M.A. (Dar)
R. M. Mahega, B.A., M.A. (Dar)
R. C. Nkwiga, B.A. Ed., M.A. (Dar)
R. Mwalubojo B.A. Ed. (Dar); M.A.(Cameroon)
N. O. Mwageni, B.A.Ed., M.A. (Dar)
B. O. Luvanda, B.A. (Dar), M.A. (SAUT)
M. I. Athumani, B.A. (DUCE), M.A. (SAUT)
*R. K. Millambo, B.A. (Dar), M.A. (Eldoret)
*G. Y. Njiro, B.A. Ed., M.A. (Dar)
*J. J. Olomy, B.A. Ed., M.A. (Dar)
*J. A. Msuya, B.A., M.A. (Dar)
*Z. R. Geuza, B.A. (Dar), MSc (Eldoret)
*S. L. Kayuni, B.A. Ed (Dar), M.A. (UDOM)
*N. M. Mbope, B.A. Ed, M.A. (Dar)

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NB:
*	On study leave
**	On Sabbatical
***	On Leave without pay/ Secondmment

COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (CoICT)

INTRODUCTION

The College of Information and Communication Technologies (CoICT) was established on 27th January, 2011. The establishment of CoICT was the University response to address the increasing demand for ICT experts in the country by strengthening its teaching, research and public service in the ICT-related disciplines through a more efficient utilization of the available human and physical resources. The vision of the College is to become a leading center of excellence in training, research and consultancy in ICT at national and international levels. The College comprises the following units:

(i)   Department of Computer Science and Engineering (CSE)
(ii)   Department of Electronics and Telecommunications Engineering (ETE)
(iii)   Centre for Virtual Learning (CVL)
(iv)   University of Dar es Salaam ICT Incubator (UDICTI)

The College offers the following undergraduate programmes:

(i)   Bachelor of Science in Computer Science (BSc Comp. Sci.) (3 years)
(ii)   Bachelor of Science in Business Information Technology (BSc BIT) (3 years)
(iii)   Bachelor of Science in Electronics Science and Communication (BSc ESC) (3 years)
(iv)   Bachelor of Science in Computer Engineering and Information Technology (BSc CIT) (4 years)
(v)   Bachelor of Science in Telecommunications Engineering (BSc Telecoms) (4 years)
(vi)   Bachelor of Science in Electronics Engineering (BSc EE) (4 years)

In addition, the college offers the following non-degree programmes:

(vii)   Diploma in Computer Science
(viii) Certificate in Computer Science

Regulations Governing the Award of a First Degree

The College of Information and Communication Technologies (CoICT) operates a semester system of studies. The College offers 3-year and 4-year degree programmes. Each of its disciplines offers a variety of courses, including core courses, which are compulsory to students majoring in the subjects and Elective courses. Each course is given a credit weighting according to the time devoted to it on the timetable. One (1) credit is equivalent to ten (10) contact hours. Fifteen two-hour lectures or 15 lectures and 15 one-hour practical classes constitute eight (8) credits. Thus, for example, a course consisting of 15 two-hour lectures and 15 one-hour practical classes is an eight-credit course. Seminars and discussion groups are not counted in the weighting unless they make up more than one third of the total teaching hours in a course.

A.   General Degree Regulations

The general University Examination Regulations shall apply in all programmes.

B.   College Examination Regulations

The following regulations are in addition to the General University Examination Regulations. The regulations shall apply to all programmes offered at the College, and where necessary, will be specified based on the duration of the programme (i.e. 3-year or 4-year programme)

1.   All students must pass all core courses in their study programmes.
2.   Each student shall register for courses totaling at least 120 credits and at most 144 credits per academic year.
3.   In addition to core courses required for his/her major subjects and Development Studies, a student may choose as an elective any course for which he/she can meet the prerequisite/co-requisite requirements and which is compatible with the teaching timetable (subject to regulation No. 4).

4. At the end of the academic year every student shall, in consultation with his/her Academic Advisor, map out his/her course programme for the next year. A course programme shall be subject to approval by the Head of the Department in which the student intends to major and by the Principal of the College. The Principal's approval shall constitute formal enrolment for all the courses listed in the programme. For first year students, mapping of the course programme will be done during the orientation week.

5. No student will be permitted to commence or withdraw from any course more than four weeks after the beginning of the semester except where his/her enrolment in the unit ceases.

6. Students may be admitted to the College of Information and Communication Technologies as transfer students (advanced standing status) provided that their previous work was done at an institution recognized by the University of Dar es Salaam. Such students must also provide a detailed syllabus of the courses done and transcript of the grades obtained.

7. The maximum transferable load shall be 120 credits (approximately one year's work). The degree classification of a transfer student shall be based on the best 360 credits (or 480 credits for a 4-year programme), both from University of Dar es salaam and the transferred credits.

8. Student performance shall be assessed continuously throughout the course. Except in the project, such coursework assessment shall include at least one test per semester and may also consist of Laboratory reports and any other similar means approved by the CoICT Academic Committee. The weight of such Coursework Assessment for every course shall be 0.4. The weight for a University Examination in every course shall be 0.6; except that where a course is not subject to University Examination, Coursework Assessment shall have a weight of 1.0 in that semester.

9. It shall be the duty of the Head of Department concerned to inform the students at the beginning of the semester of the procedure of assessment in each course that shall be followed in that semester.

10. Each course will be offered and assessed in the same semester and a grade awarded. External examination and determination of pass or fail status, however, shall be done at the end of the academic year (i.e. at the end of the second teaching semester in each academic year).

11. Candidates are required to obtain a minimum overall GPA for the Academic Audit Unit (academic year) before they can directly proceed to the following year of study. The pass grade in each of the courses taken shall be "C".

12. Supplementary examinations for the failed courses examined during the previous two semesters will be held once each year prior to the commencement of the academic year. The highest grade awarded shall be the minimum passing grade (i.e. "C").

13. A candidate who fails in a course that is assessed by coursework assessment only, shall sit for a written supplementary coursework assessment examination. Such examination shall take place at the time of the University Supplementary Examinations. All other rules and regulations governing supplementary examinations shall apply.

14. A student shall not repeat (carry over) any failed elective course, except in certain circumstances, normally when those credits are needed to comply with minimum requirements for degree award as spelt out in CoICT Examination Regulation 20.

15. Assessment of courses that are offered by other Colleges, Schools and Institutes of the University shall be governed by the regulations of the respective Colleges, Schools or Institutes.

16. A special examination in a course to be regarded as constituting a first sitting shall be given to a student who, for satisfactory reasons, was allowed by the Principal not to take regular examination. Normally, special examinations will be given at the time of supplementary examinations.

17. A student who is required to sit for a special examination shall be assigned a "PEX" (Postponed Exam) grade and one who, for satisfactory reasons, has not completed his/her coursework shall be assigned an "I" (Incomplete) grade.

18. A student who has a "PEX" or "I" grade in a course during any academic year is required to clear the course examination during the time of special examinations for that academic year. Except with the approval of the respective College Board, a student who will not clear any "PEX" or "I" grade at the time of special examinations will be considered to have absconded studies and hence discontinued.

19. No student will be enrolled in a course for which he/she has not fulfilled the prerequisites. A course for which a "D" grade or lower is obtained shall not be counted as fulfilling a prerequisite for any course unless it is a course in the same series taken during the same semester.

20. To complete a degree programme at CoICT, a full-time student must have passed a minimum

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number of credits, including all prescribed core courses as shall be prescribed by the respective Heads of Departments prior to the commencement of each semester. In this regard, students are required to register for and pass a minimum of 360 credits for a three-year programme, and 480 credits for a four-year programme, or as prescribed in the curriculum for any of the degree programmes offered by CoICT.

21. A student who has qualified to continue with his/her studies in terms of the minimum overall GPA for the Academic Audit Unit, but failed in some courses, will be allowed to sit for supplementary examination for all failed courses. A candidate who fails to attain an overall GPA of 1.8 at the end of the academic year shall be discontinued forthwith. A candidate who attains an overall GPA of 1.8 or above at the end of the academic year shall be allowed to supplement all courses he/she failed. The highest grade awarded for a supplemented course shall be the minimum passing grade (i.e. "C").

22. If after taking supplementary examinations a student fails to obtain a "C" grade in a core course, or fails to clear all Supplementary Examinations but has an overall GPA of 2.0 in courses examined or otherwise assessed in semesters 1 and 2 of the academic year, may be allowed to repeat (carry over) the failed courses within the maximum period of registration.

23. If after taking supplementary examinations, a student fails to obtain an overall GPA of at least 2.0, she/he shall be discontinued from study in the University.

24. All carry-over courses must be cleared within the allowable maximum period of registration; otherwise, the student will be discontinued from studies

25. The maximum time for which a student may remain registered is 5 years for a 3-year programme and 6 years for a 4-year programme. Any student who is required to repeat/complete certain courses in order to qualify for the award of a degree shall be deemed to have failed the programme at the end of the maximum period if any of such courses have not been passed.

26. To be allowed to carry over a course in which an examination is part of the assessment, a student must first sit for supplementary examination in that course.

27. Final Year Projects will be assessed and the results will contribute to the final year GPA, as well as final GPA for degree classification.

28. Assessment of the Final Year Projects shall be based on a written Project Report and Oral Presentation of the Project work. Students shall submit error free copies of the Final Project Reports.

29. The weight of Projects will be determined as for any other course, based on the number of contact hours.

30. A candidate who fails in the Final Project shall be allowed to take a corresponding Supplementary Project. The time allocated for a Supplementary Project shall be 12 weeks after the release of the results.

31. A candidate who fails to clear a Supplementary Project shall repeat the project in the first semester of the subsequent year.

32. The final grades of all courses taken by a student shall be entered in the transcript.

Regulations on Practical Training in Industry (PT)
The College of Information and Communication Technologies runs a practical training programme in which students engage in practical activities related to their fields of study. Normally these activities are held in various industries and institutions outside the University. The PT programme seeks to:

(i) Expose students to the various research and/or production activities being carried out in different parts of the country;

(ii) Enable students to apply their knowledge in practice;

(iii) Ensure that, on leaving the University, graduates have acquired some appropriate work experience;

(iv) Establish and maintain contact between prospective employers and the University in order to ensure that students are given the appropriate skills and knowledge for the jobs they are likely to be called upon to perform after graduation; and

(v) Enable prospective employers and employees to become acquainted with one another in a working environment.

The following regulations shall apply for Practical Training:

1. For each degree programme, there shall be two PT sessions (or three PT sessions for a 4-year programme) each of 8 weeks duration. The PT shall be conducted after the end of the first and second academic year for the 3-year programme, and at the end of the first, second and third academic years for the 4year programme.
2. Each PT shall be treated as a course of the succeeding academic year.
3. Each PT shall be assessed and the grade obtained shall count towards the final degree award. The total weight of the PTs will be determined as for any other course, based on the number of contact hours. Each PT will contribute 8 credits. A student who, for good reasons, could not complete PT to satisfy the respective College Board will be assigned an "I" grade for that PT and will be required to complete that particular part of the training within a certain period as will be specified by the College Board.
4. A student who could not complete PT for reasons other than those stipulated in 4 above, will be considered to have absconded the PT, and shall be discontinued.
5. Practical Training reports will be handed in for assessment before the end of the second week of the first semester.
6. Internal assessment shall be completed before the end of the first semester.
7. A student who fails in a PT shall supplement the PT before starting the next one, provided that his/her GPA in that major subject is 1.8 or higher.
8. A student who fails in a supplementary PT and has a GPA of less than 2.0 shall be discontinued forthwith.
9. Students who do not go to places allocated to them for PT without satisfactory reasons will be deemed to have absconded from their PT and will, as a result, be discontinued from their studies.
10. Students who go to the allocated PT places but refuse to follow the training programme will be deemed to have absconded and consequently shall be discontinued from studies.
11. PT assessment will be based on the following items:

Employers Assessment	10%
Logbook	20%
Final Report	60%
Supervisor's Report	10%
TOTAL	**100%**

(a) Assessment by the Employer shall include the following:
   (i)   Skills obtained by the student
   (ii)   Attitude towards work
   (iii) Personal initiatives and independence
   (iv)   Reliability in carrying out duties
   (v)   Punctuality to work

The Employer, using an assessment form shall grade the items listed below using the following weighting:

A = Excellent,	*C = Good,*	
B = Very Good,	*D = Fair,*	*and E = Poor.*

(b) Assessment of Logbooks:
   It is proposed that the logbooks should contain description of activities and tasks assigned to students, output from such activities and remarks by the employer. The employer shall sign the document on a weekly basis. The logbook shall be submitted to the University supervisor together with the final report. The grading of the logbook shall be marked out of 20% based on the following:
   (i)   Clear description of activities 10%
   (ii) Description of outputs 10%

(c) Assessment of the Final PT Report:
Grading of the report shall take into consideration the following distribution of marks.
  (i)   Description and analysis of tasks given 10%
  (ii) Problem identification and scientific methods used 15%
  (iii) Presentation of results and data 20%
  (iv) Correctness of information (graphs, maps, drawings, etc.) 10%
  (v)   Summary and conclusions 05%

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Bachelor of Science in Computer Science

Code	Course Title	Credit	Semester	Status
First Year				
CL 111	Communication Skills for Engineers	12	1	Core
DS 112	Development Perspectives I	12	1	Core
MT 100	Foundations of Analysis	12	1	Core
CS 151	Computer Organization and Architecture I	12	1	Core
CS 174	Programming in C	12	1	Core
IS 162	Introduction to Information Systems	8	1	Core
IS 158	Computer Hardware and System Maintenance	8	2	Core
CS 173	Business Computer Communication	8	2	Core
IS 143	Discrete Structures	12	2	Core
IS 171	Introduction to Computer Networks	8	2	Core
CS 175	Programming in Java	12	2	Core
IS 181	Web Programming	12	2	Core
DS 113	Development Perspectives II	12	2	Core
Second Year				
Minimum Elective Credits per Semester is 8				
CS 243	Computer Network Design and Administration	12	1	Core
IS 243	Practical Training I	8	1	Core
IS 238	Mobile Application Development	12	1	Core
IS 274	Object Oriented Analysis and Design	8	2	Core
IS 237	Data Abstraction and Algorithms	12	1	Core
IS 264	Principles of Database Systems	12	1	Core
IS246	Principles of Computer Graphics	8	1	Core
IS 247	Game Theory and Applications	8	1	Elective
IS 248	Multimedia Systems	8	1	Elective
CS 252	Computer Organization and Architecture II	12	2	Core
MT 249	Mathematical Logic and Formal Semantics	12	2	Core
IS 236	Structured Systems Analysis and Design	8	1	Core
CS 234	Object Oriented Programming in Java	12	2	Core

Code	Course Title	Credit	Semester	Status
IS 239	Algorithms and Complexity	8	2	Core
IS 283	Web Services and Technologies	12	2	Elective
IS 265	Introduction to GIS	8	2	Elective
MT 278	Linear Programming	8	2	Elective
Third Year				
IS 344	Human Computer Interaction	12	1	Core
IS 343	Practical Training II	8	1	Core
IS 367	Management of Information Systems	8	1	Core
IS 371	Systems Administration in Linux	12	1	Core
CS 334	Principles of Operating Systems	12	1	Core
CS 335	Software Engineering	12	1	Core
CS 336	Trends and Social-Cultural Implications of Information Technology	8	1	Elective
IE 445	Entrepreneurship for Engineers	12	2	Core
IS 335	Final Year Project	16	2	Core
IS 336	Principles of Systems Security	8	2	Core
IS 337	Mobile Computing	8	2	Core
IS 365	Artificial Intelligence	8	2	Core
IS 345	Open Source, Innovation and Emerging Technologies	8	2	Elective
IS 368	Data Mining and Warehousing	8	2	Elective
IS 369	IT Audit and Controls	8	1	Elective

Bachelor of Science in Computer Engineering and Information Technology

First Year

Code	Course Title	Credit	Semester	Status
CL 111	Communication Skills for Engineers	12	1	Core
ES 173	Introduction to Electrical Circuits	12	1	Core
DS 112	Development Perspectives I	12	1	Core
ME 101	Engineering Drawing	8	1	Core
MT 161	Matrices and Basic Calculus for Non-Major	12	1	Core
ES 171	Computer Aided Drafting and Design	8	1	Core
ES 110	Analogue Electronics I	8	1	Core
CS 174	Programming in C	12	1	Core
IS 158	Computer Hardware and System Maintenance	8	2	Core
MT 171	One Variable Calculus & Diff. Eq. for Non-Major	12	2	Core
IS 171	Introduction to Computer Networks	8	2	Core
ES 120	Digital Electronics I	8	2	Core
CS 175	Programming in Java	12	2	Core
TE 172	Workshop Training	8	2	Core
CS 173	Business Computer Communication	8	2	Core
DS 113	Development Perspectives II	12	2	Core

Code	Course Title	Credit	Semester	Status
Second Year				
MT 261	Several Variable Calculus for Non-Majors	12	1	Core
PT1_CS	Practical Training I	8	1	Core
ES 211	Analogue Electronics II	8	1	Core
CS 151	Computer Organization and Architecture I	12	1	Core
CS 211	Measurements & Instrumentation Engineering I	12	1	Core
IS 274	Object Oriented Analysis and Design	8	1	Core
CS 243	Computer Network Design and Administration	12	1	Core
ES 221	Digital Electronics II	8	2	Core
IS 236	Structured Systems Analysis and Design	8	2	Core
CS 252	Computer Organization and Architecture II	12	2	Core
CS 234	Object Oriented Programming in Java	12	2	Core
CS 212	Measurements and Instrumentation Engineering II	12	2	Core
TE 231	Fundamentals of Signals and Systems	8	2	Core
Third Year				
CS 350	Micro Computer Systems I	12	1	Core
PT2_CS	Practical Training II	8	1	Core
CS 334	Principles of Operating Systems	12	1	Core
CS 335	Software Engineering	12	1	Core
IS 264	Principles of Database Systems	12	1	Core
IS 336	Principles of Systems Security	8	2	Core
CS 323	Control Systems Engineering	12	2	Core
CS 348	Network Switching and Routing	12	2	Core
CS 354	Microcomputer Systems II	8	2	Core
CS 356	Embedded Systems	8	2	Core
IS 365	Artificial Intelligence	8	2	Core
Elective (minimum) 12 credits for semester 1, and 8 credits semester 2				
CS 336	Trends and Social-cultural implications of information Technology	8	1	Elective
TE 332	Principles of Digital Telecommunications	12	2	Elective
TE 380	Digital Signal Processing (DSP)	12	1	Elective
IS 238	Mobile Applications Development	12	2	Elective
TE 339	Telecommunication Switching and Transmission	8	2	Elective
IS 246	Principles of Computer Graphics	8	1	Elective
Fourth Year				
SC 430	General Engineering Procedures and Ethics	12	2	Core
PT3_CS	Practical Training III	8	1	Core
IE 445	Entrepreneurship for Engineers	12	2	Core

Code	Course Title	Credit	Semester	Status
CS 420	Modern Control Systems Engineering	8	1	Core
CS 441	Wide Area Networking	8	2	Core
IS 371	Systems Administration in Linux	8	1	Core
CS 433	Software Quality Assurance and Testing	12	1	Core
CS 454	Computer Organization and Architecture III	12	1	Core
TE 415	Optical Communication	8	1	Core
CS 498	Final Year Project I	8	1	Core
CS 499	Final Year Project II	16	2	Core
Elective (minimum)12 credits for semester 1, and 8 for semester 2				
IE 443	Industrial Safety and Maintenance	8	1	Elective
IG 441	Human Resources Management	8	1	Elective
TE 414	Mobile Communication	8	2	Elective
IS 337	Mobile Computing	8	2	Elective
IS 345	Open Source and Open Innovation	8	2	Elective

Bachelor of Science in Business Information Technology

First Year

Code	Course Title	Credit	Semester	Status
CS 174	Programming in C	12	1	Core
DS 112	Development Perspectives I	12	1	Core
ST 113	Basic Statistics	12	1	Core
AC 100	Principles of Accounting I	12	1	Core
FN 100	Principles of Microeconomic Analysis	12	1	Core
MK 100	Introduction to Business	12	1	Core
CS 173	Business Computer Communication	8	2	Core
ST 114	Probability Theory I	12	2	Core
IS 171	Introduction to Computer Networks	8	2	Core
IS 181	Web Programming	12	2	Core
FN 101	Principles of Macroeconomic Analysis	12	2	Core
GM 100	Principles and Practice of Management	12	2	Core
DS 113	Development Perspectives II	12	2	Core
Second Year				
IS 237	Data Abstraction and Algorithms	12	1	Core
IS 264	Principles of Database Systems	12	1	Core
IS 274	Object-oriented Analysis and Design	8	1	Core
IS 243	Practical Training I	8	1	Core
ST 119	Operations Research I	12	2	Core
CS 234	Object-Oriented Programming in Java	12	2	Core
IS 238	Mobile Application Development	12	1	Core
IS 284	Business Process Management	8	2	Core
IS 285	Programming in R	12	2	Core
GM 200	Business Law and Ethics	12	2	Core
Elective (minimum)20 credits for semester 1 & 8 for semester 2				

Code	Course Title	Credit	Semester	Status
IS 247	Game Theory and Applications	8	1	Elective
CS 243	Computer Network Design and Administration	12	1	Elective
FN 200	Principles of Finance	12	1	Elective
ST 218	Applied Statistics I	12	1	Elective
IS 236	Structured Systems Analysis and Design	8	2	Elective
IS 265	Introduction to GIS	8	2	Elective
IS 283	Web Services and Technologies	12	2	Elective
FN 202	Financial Management	12	2	Elective
ST 212	Statistical Inference I	12	1	Elective
Third Year				
CS 334	Principles of Operating Systems	12	1	Core
CS 335	Software Engineering	12	1	Core
IS 369	IT Audit and Controls	8	2	Core
MK 301	Entrepreneurship	12	2	Core
IS 384	Software Project Management	8	1	Core
IS 385	Business Intelligence	12	2	Core
IS 386	Enterprise Systems	12	1	Core
IS 336	Principles of Systems Security	8	2	Core
IS 335	Final Year Project	16	2	Core
Elective (minimum) 16 credits for semester 1, and 8 for semester 2				
CS 336	Trends and Social-cultural implications of information Technology	8	1	Elective
IS 371	Systems Administration in Linux	12	1	Elective
FN 302	Securities Analysis and Portfolio Management	12	1	Elective
GM 300	Strategic Management	12	1	Elective
ST 316	Statistical Quality Control	12	1	Elective
IS 387	Environmental Management Information Systems	8	2	Elective
ST 318	Sampling Theory and Methodology	12	2	Elective
IS 337	Mobile Computing	8	2	Elective
IS 365	Artificial Intelligence	8	2	Elective

Diploma in Computer Science Programme

Duration of the Diploma Programme
The Diploma programme is designed for two years of which there will be four teaching semesters. Each semester has fifteen teaching weeks, as per University regulations. The programme runs as an evening programme, the following analysis provides the number of semesters/weeks, which the evening program is supposed to cover.

Under the semester system, there are 15 teaching weeks, two weeks for examinations, and three weeks for holidays in the first semester.

Diploma Programme Start time: 4:00 pm to 8: 00 pm Total time: 4hrs/day
Weekdays (4x5): 20 hours
The academic year is organized in two (2) semesters each of fifteen (15) instruction weeks followed by two (2) examinations weeks. At the end of the academic year a student is required to complete 240 credits.

Entry Qualifications and Regulations

A. Direct Entry Qualifications

Certificate of Secondary Education Examination (CSEE) or East African Certificate of Education (EACA)- 'O' level with at least D passes in three approved subjects including Mathematics is required.

AND

One of the following combinations of passes in the Advanced Certificate of Secondary Education Examination or the East African Certificate of Education ('A' level) or Equivalent:

1. Three Subsidiary passes in, Computer Science, Mathematics, Physics, Chemistry, Economics, Commerce, Geography, Accountancy, Biology and a subsidiary pass in any of these subjects

OR

2. One Principal level pass grade 'C' and above in any of the subjects listed in (i) above.

OR

3. One principal level pass and a subsidiary pass in any of the subjects listed in (i) above.

OR

4. A Certificate in Computer Science with an average GPA of at least 2.7 out of 5.0 from recognized institution.

B. Equivalent Entry Qualifications

Certificate of Secondary Education Examination (C.S.E.E.) or equivalent with passes in at least four approved subjects and one of the following qualifications:

1. A Certificate in Computer Science (or related field) with an average GPA of at least 3.0 out of 5.0 or a Diploma at a good standing from recognized institutions.

OR

2. A qualification of an equivalent standard awarded by recognized professional bodies such as the National Board of Accountants and Auditors and the Business Education Council.

OR

3. A Form VI certificate with at least two subsidiaries in the subjects listed in (A) (1) above plus at least two years industrial experience in ICT.

OR

4. Any bachelor's degree from a recognized institution.

Assessment

Each course will be assessed by a written examination of three hours duration. A candidate who fails in a subject can re-sit that subject. The maximum number of re-sits for each subject is two. Maximum grade obtainable during re-sits is C.

The grading system shall be as follows:

A = 70%-100%;
B+ = 60%-69%;
B = 50%-59%;
C = 40%-49%;
D = 35%-39%;
E = 0%-34%

Grade to point correspondence:

A = 5 points   B+ = 4 points   B = 3 points
C = 2 points   D = 1 point   E = 0 point
The pass mark in each examinable course shall be C.

Final Diploma Classifications

A candidate's final standing in Diploma in Computer Science shall be determined by the Aggregate Gross Point Average (GPA) for all two years of study. The final diploma classification shall be either pass or fail as follows:

Diploma Class	GPA
Pass	5.0-2.0
Fail	1.9-0.0

Course Structure

To be awarded the diploma in computer science, a student must take and pass a minimum of 240 credits. The list below consists of courses in the Diploma in Computer Science Programme:

First Year

Code	Course Title	Credit	Semester	Status
IS 076	Introduction to Computer Programming in C	12	1	Core
IS 075	Computer hardware and system maintenance	12	1	Core
IS 052	Office Automation	12	1	Core
IS 091	Computing Mathematics I	12	2	Core
IS 063	Professional Issues in Information Systems Practice	8	1	Core
IS 080	Communication skills II	8	1	Core
IS 067	Fundamentals of Computerized Accounting	12	2	Core
IS 060	Introduction to Data Structures and Algorithms	8	2	Core
IS 050	Web Technologies and Applications	12	2	Core
IS 070	Introduction to Information systems analysis and design	12	2	Core
IS 064	Introduction to Computer Architecture	8	1	Core
IS 078	Fundamentals of Computer Networks	8	2	Core
Total Credits		**124**		

Second Year

Code	Course Title	Credit	Semester	Status
IS 055	Design and implementation of Object Orient- ed Applications	12	1	Core
IS 057	Introduction to Database Systems	12	1	Core
IS 081	Introduction to Computer Networks Design and Administration	12	1	Core
IS 073	Introduction to System Security	12	2	Core
IS 092	Computing Mathematics II	12	1	Core
IS 079	Business Systems	8	2	Core
IS 068	Introduction to Project Management	8	1	Core
IS 074	Introduction to Mobile computing	12	2	Core
IS 056	Operating Systems and their configurations	12	2	Core
IS 098	Final Year Informatics Project	16	2	Core
Total		**116**		

Certificate in Computer Science

Entrance Qualifications

A candidate, before being admitted to the course, will be required to have obtained the School Certificate of Secondary Education Examination (CSEE) or East African Certificate of Education (EACA) - 'O' level with at least a pass in four approved subjects including Mathematics.

OR

Certificate of Secondary Education Examination (C.S.E.E) or East African Certificate of Education (E.A.C.A) – O-level with at least a pass in four approved subjects AND Certificate or diploma from a recognized institution or ICT industrial experience of not less than 2 years that demonstrate the candidate's ability to undertake the programs.

Assessment

Each course will be assessed by a written examination of three hours duration. A candidate who fails in a subject can re-sits that subject. The maximum number of re-sits for each subject is two. Maximum grade obtainable during re-sits is "C".

The grading system shall be as follows:
A = 70%-100%; B+ = 60%-69%; B = 50%-59%;
C = 40%-49%; D = 35%-39%; E = 0%-34%

Grade to point correspondence:
A = 5 points B+ = 4 points B = 3 points
C = 2 points D = 1 points E = 0 points
The pass mark in each examinable course shall be C.

Final Certificate Classifications
A candidate's final standing in Certificate in Computer Science shall be determined by the Aggregate Gross
Point Average (GPA) for all two semesters of study. The final Certificate classification shall be either pass
or fail as follows:

Certificate Class GPA
Pass 5.0-2.0
Fail 1.9-0.0

Programme Structure
Duration of the programme is one year and is in evening mode. The academic year is organized in two (2)
semesters each of fifteen (15) instruction weeks followed by two (2) examinations weeks. At the end of
the academic year, a student is required to complete 120 credits.

The list below consists of courses in the Certificate in Computer Science Programme:

Code	Course Title	Credit	Semester	Status
IS 088	Web Fundamentals	12	1	Core
IS 013	Foundation Data Communications and Networks	8	1	Core
IS 011	Introduction to Computer Hardware and Software	12	1	Core
IS 077	Principles of Operating Systems	12	1	Core
IS 041	Foundation of Computing Mathematics I	8	1	Core
IS 023	Communication Skills I	8	1	Core
IS 099	Management of Database Systems	12	2	Core
IS 021	Introduction to Programming in Visual Basic.NET	12	2	Core
IS 024	Foundation of Mobile Computing	8	2	Core
IS 014	Network Systems and security	8	2	Core
IS 042	Foundation of Computing Mathematics II	8	2	Core
IS 048	Final year Informatics Project	12	2	Core
Total		**120**		

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING

Bachelor of Science in Electronic Science and Communication

Common Core Courses for all Students

Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
Common Elective Courses for all Science Students				
SC 215	Science Methods	8	1	Elective
DS 211	Entrepreneurship	8	2	Elective
First Year				
ES 102	Practicals in Electronics	8	1	Core
ES 110	Analogue Electronics I	8	1	Core
ES 115	Electromagnetics and Optics	8	1	Core
IS136	Programming in C	12	2	Core
MT 100	Foundation of Analysis	12	1	Core
MT 127	Linear Algebra I	12	1	Core
BM 100	Principles of Management and Administration	12	1	Elective
CL 107	Communication Skills for Scientist	8	2	Elective
ES 101	Technical Drawing, Laboratory and W/shop Administration	12	2	Core
ES 105	Fundamentals of Computer Architecture	8	2	Core
ES 120	Digital Electronics I	8	2	Core
MT 120	Analysis I: Functions of a Single Variable	12	2	Core
ES 240	Industrial Training	8	2	Core
IS138	Social-Culture Implication of Information Technology	8	2	Elective
IS137	Data Structure and Algorithms	12	2	Elective
Second Year				
ES 211	Analogue Electronics II	8	1	Core
ES 212	Analogue Electronics Practical	8	1	Core
EV 200	Environmental Sciences	8	1	Core
PH 201	Mathematical Methods I	8	1	Core
MT 233	Mathematical Statistics I	12	1	Core
IS 245	Operating Systems I	12	1	Elective
IS 262	Compiler Technology	8	1	Elective
IS 271	Computer Networks	12	1	Elective
ES 202	Quantum Electronics	8	2	Core
ES 221	Digital Electronics II	8	2	Core
ES 222	Digital Electronics Practicals	8	2	Core
IS 292	Object-Oriented Programming Concepts	12	2	Core
ES 340	Industrial Training II	8	2	Core
IS 281	Network Design and Administration	12	2	Elective
IS 263	Database Concepts	12	1	Elective
ES 300	Computer Aided Design and Analysis	8	2	Elective
PH 202	Mathematical Methods II	8	2	Elective

Code	Course Title	Credit	Semester	Status
PH 213	Electromagnetism II	8	2	Elective
MT 274	Numerical Analysis I	12	2	Elective
MT 227	Linear Algebra II	12	2	Elective
Third Year				
ES 310	Electronics Instrumentation I	8	1	Core
ES 334	Signal Processing I	8	1	Core
ES 318	Electronics Control	12	2	Core
ES 399	Projects in Electronics I	8	1	Core
ES 399	Projects in Electronics II	8	2	Core
Electronics stream				
ES 300	Computer Aided Design and Analysis	8	1	Elective
ES 304	Microelectronics	8	2	Core
ES 311	Electronics Instrumentation II	8	2	Core
ES 322	Industrial Electronics	8	2	Core
ES 316	PC Interfacing Techniques	8	2	Core
Communication Stream				
TE 412	Introduction to Wireless Communications	12	2	Core
ES 335	Signal Processing II	12	2	Core
ES 330	Telecommunication I	8	1	Core
ES 332	Opto-Electronics	8	2	Core
ES 314	Microprocessor Theory and Practices	8	1	Elective
ES 320	Nuclear Electronics	8	1	Elective
ES 322	Industrial Electronics	8	1	Elective
ES 337	High Frequency Communication System Design	8	1	Elective
TE 411	Microwave Communications	16	1	Core
EV 300	Environmental Science II	8	1	Elective
ES 306	VLSI Circuit Design	8	2	Elective
ES 319	Communication Systems Design	8	2	Elective
ES 339	Ultra-Fast Electronics Techniques	8	2	Elective
ES 341	Communication Digital Signal Processing	8	2	Elective
ES 343	Emerging Electronics and Communication Technologies	8	2	Elective
IS364	IT Security	8	2	Elective
IS383	Internet Applications and Programming	8	1	Elective
TM 400	Engineering Ethics and Professional Conduct	4	2	Elective
MG 445	Entrepreneurship for Engineers	12	2	Elective

Bachelor of Science in Telecommunications Engineering

Common Core Courses for all Students

Code	Course Title	Credit	Semester	Status
Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core

Code	Course Title	Credit	Semester	Status
First Year				
CL 111	Communication Skills for Engineers	12	1	Core
CS 174	Programming in C	12	1	Core
ES 171	Computer Aided Drafting and Design (CADD)	8	1	Core
ES 173	Introduction to Electrical Circuits	12	1	Core
ME 101	Engineering Drawing	8	1	Core
MT 161	Matrices and Basic Calculus for Non Major	12	1	Core
CS 175	Programming in Java	12	2	Core
ES 110	Analogue Electronics I	8	2	Core
ES 120	Digital Electronics I	8	2	Core
IS 171	Introduction to Computer Networks	8	2	Core
MT 171	One Variable Calculus & Diff. Eq. for Non Major	12	2	Core
TE 101	Introduction to Telecommunication	8	2	Core
TE 172	Workshop Training	8	2	Core
Second Year				
ES 213	Electronics Measurements and Instrumentation I	8	1	Core
IS 274	Object Oriented Analysis and Design	8	1	Core
IS 158	Computer Hardware and System Maintenance	8	1	Core
CS 243	Computer Network Design and Administration	12	1	Core
EE 253	Engineering Electromagnetics I	8	1	Core
MT 261	Several Variable Calculus for Non-majors	12	1	Core
ES 211	Analogue Electronics II	8	1	Core
ES 212	Analogue Electronics Practical	8	1	Core
CS 234	Object Oriented Programming in Java	12	2	Core
MT 271	Statistics for Non-majors	12	2	Core
ES 221	Digital Electronics II	8	2	Core
ES 222	Digital Electronics Practical	8	2	Core
TE 231	Fundamentals of Signals and Systems	8	2	Core
EE 254	Engineering Electromagnetics II	8	2	Core
Third Year				
CS 323	Control Systems Engineering	12	1	Core
TE 331	Principles of Analogue Telecommunications	12	1	Core
TE 380	Digital Signal Processing (DSP)	12	1	Core
TE 332	Principles of Digital Telecommunications	12	2	Core
TE 339	Telecommunication Switching and Transmission	8	2	Core
TE 334	Information Theory	8	2	Core
TE 371	Introduction to Research Methods	8	2	Core
ES 324	System Design and Implementation	8	2	Core
Elective Courses (Minimum 24.0 Credits)				
CS 348	Network Switching and Routing	12	1	Elective

Code	Course Title	Credit	Semester	Status
EE 313	Power Electronics I	8	1	Elective
ES 313	Analogue Electronics III	12	1	Elective
ES 312	Digital Electronics III	12	2	Elective
CS 441	High Speed Network Technologies	8	2	Elective
TE 336	Satellite Communications	8	1	Elective
TE 337	Tele-traffic Engineering	8	1	Elective
IE 354	Engineering Project Management	12	1	Elective
IS 238	Mobile Applications Development	12	2	Elective
CS 353	Micro Computer Systems I	12	1	Elective
EE 314	Power Electronics II	8	2	Elective
CS 342	LAN Switching	8	2	Elective
ES 326	Microelectronics I	8	2	Elective
TE 335	Introduction to Analogue Filters	8	2	Elective
TE 338	Mobile Web Communication Services	12	2	Elective

Fourth Year

Code	Course Title	Credit	Semester	Status
DP 471	Electrical Safety & Maintenance	8	1	Core
TE 411	Microwave Communication	16	1	Core
TE 413	Introduction to Telecommunications Networks	8	1	Core
TE 441	Analogue Electronics for Engineers III	16	1	Core
TM400	Engineering Ethics and Professional Conduct	4	2	Core
TM 330	General Engineering Procedures	8	2	Core
MG445	Entrepreneurship for Engineers	12	2	Core
TE 412	Introduction to Wireless Communication	12	2	Core
TE 442	Digital Electronics for Engineers III	16	2	Core
TE 499	Final Project	24	2	Core

Elective Courses (Minimum 28.0 Credits)

Code	Course Title	Credit	Semester	Status
CS 421	Control Systems Engineering III	8	1	Elective
CS 441	Wide Area Networks	8	1	Elective
DP 421	Electrical Insulating Materials	8	1	Elective
MG440	Engineering Economics	8	1	Elective
MG 441	Human Resources Management	8	1	Elective
TE 480	Digital Signal Processing (DSP)	8	1	Elective
CS 452	Microcomputer Systems III	8	2	Elective
TE 471	Introduction to VLSI	12	1	Elective
TE 481	Television Engineering	8	2	Elective

Bachelor of Science in Electronics Engineering

First Year

Code	Course Title	Credit	Semester	Status
CL 111	Communication Skills for Engineers	12	1	Core
CS 174	Programming in C	12	1	Core
DS 112	Development Perspectives I	12	1	Core
MT 161	Matrices and Basic Calculus for Non-Major	12	1	Core

Code	Course Title	Credit	Semester	Status
ME 101	Engineering Drawing	8	1	Core
ES 173	Introduction to Electrical Circuits	12	1	Core
ES 171	Computer Aided Drafting and Design (CADD)	8	1	Core
DS 113	Development Perspectives II	12	2	Core
IS 171	Introduction to Computer Networks	8	2	Core
CS 175	Programming in Java	12	2	Core
MT 171	One Variable Calculus & Diff. Eq. for Non-Major	12	2	Core
TE 172	Workshop Training	8	2	Core
ES 110	Analogue Electronics I	8	2	Core
ES 120	Digital Electronics I	8	2	Core
TE 101	Introduction to Telecommunication	8	2	Core
Second Year				
ES 213	Electronics Measurements and Instrumentation I	8	1	Core
IS 274	Object Oriented Analysis and Design	8	1	Core
IS 158	Computer Hardware and System Maintenance	8	1	Core
CS 243	Computer Network Design and Administration	12	1	Core
EE 253	Engineering Electromagnetics I	8	1	Core
MT 261	Several Variable Calculus for Non-majors	12	1	Core
ES 211	Analogue Electronics II	8	1	Core
ES 212	Analogue Electronics Practical	8	1	Core
CS 234	Object Oriented Programming in Java	12	2	Core
EE 254	Engineering Electromagnetics II	8	2	Core
MT 271	Statistics for Non-majors	12	2	Core
ES 221	Digital Electronics II	8	2	Core
ES 222	Digital Electronics Practical	8	2	Core
TE 231	Fundamentals of Signals and Systems	8	2	Core
Third Year				
CS 323	Control Systems Engineering	12	1	Core
CS 353	Micro Computer Systems I	12	1	Core
ES 313	Analogue Electronics III	12	1	Core
ES 319	Hardware Interfacing Techniques	8	2	Core
ES 311	Electronics Measurements and Instrumentation II	8	2	Core
ES 312	Digital Electronics III	12	2	Core
ES 324	System Design and Implementation	8	2	Core
ES 329	Microelectronics I	8	1	Core
TE 371	Introduction to Research Methods	8	2	Core
CS 348	Network Switching and Routing	12	1	Elective
IS 344	Human Computer Interaction	12	1	Elective
IS 264	Principals of Database Systems	12	1	Elective
EE 313	Power Electronics I	8	1	Elective

Code	Course Title	Credit	Semester	Status
TE 335	Introduction to Analogue Filters	8	1	Elective
TE 336	Satellite Communications	8	1	Elective
TE 337	Tele-traffic Engineering	8	1	Elective
TE 331	Principles of Analogue Telecommunications	12	1	Elective
TE 380	Digital Signal Processing (DSP)	12	1	Elective
ES 315	Automation and Industrial Electronics	12	1	Elective
IE 354	Engineering Project management	12	1	Elective
IS 365	Artificial Intelligence	8	2	Elective
EE 314	Power Electronics II	8	2	Elective
ES 314	Quantum Electronics	8	2	Elective
TE 338	Mobile Web Communication Services	8	2	Elective
TE 339	Telecommunication Switching and Transmission	8	2	Elective
TE 334	Information Theory	8	2	Elective
TE 332	Principles of Digital Telecommunications	12	2	Elective
Fourth Year				
IE 443	Industrial Safety and Maintenance	8	1	Core
ES 411	Analogue Electronics IIII	12	1	Core
SC 430	General Engineering Procedures and Ethics	12	2	Core
IE 445	Entrepreneurship for Engineers	12	2	Core
ES 499	Final Project	24	2	Core
Embedded Electronics Track				
ES 412	Introduction to Robotics	12	1	Core
ES 413	High frequency communication System Design	8	1	Core
CS 354	Micro Computer Systems II	8	1	Core
CS 356	Embedded Systems	8	2	Core
Electronics Science Track				
ES 415	Optoelectronic Devices	8	1	Core
ES 416	Microelectronics II	12	1	Core
ES 414	Solid state electronics	8	1	Core
ES 417	Ultra-fast Electronics Technologies	8	2	Core
Electives (both Electronics Science and Embedded Electronics Tracks)				
CS 421	Modern Control Systems Engineering	8	1	Elective
IE 440	Engineering Economics	8	1	Elective
IE 441	Human Resources Management	8	1	Elective
TE 443	Digital Broadcasting Technologies	8	1	Elective
TE 411	Microwave Communication	12	1	Elective
TE 447	Wireless Technologies	8	1	Elective
CS 441	High Speed Network Technologies	8	2	Elective
TE 412	Mobile Communication	8	2	Elective
ES 418	Nuclear Electronics	8	2	Elective

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H. U. Iddi, BSc, MSc (Dar), PhD (Johor Bahru)
I. Bulugu, BSc (Dar), MSc (Tianjin), PhD (Hefei)
C. John, BSc (Dar), MSc (Oita), PhD (Essex)

Lecturers
L. V. Massawe, BSc (Dar), MSc (Okinawa), PhD (Bloemfontein)
S. Naiman, BSc, MSc, PhD (Dar)
J. P. Nombo, BSc, MSc, PhD (Dar)
K. Mkocha, BSc, MSc, PhD (Dar)
G. M. Gadiel, BSc, MSc (Dar), PhD (Seoul)
M. I. Mchome, BSc, MSc, PhD (Dar)
A. Misso, BSc, MSc, PhD (Dar)

G. W. Chugulu, BSc, MSc, PhD (Dar)
S. J. Kawambwa, BSc, MSc, PhD (Dar)
N. Ally, BSc, MSc, PhD (Dar)
E. Shayo, BSc, MSc (Dar)
H. Mbembati, BSc, MSc (Dar)

Assistant Lecturers
*H. G. Msuya, BSc, MSc (Dar)
*J. K. Stephen, BSc, MSc (Dar)
* C. Mwase, BScEng (Bath), MSc (Bristol)
J. S. Michael, BSc, MSc (Dar)
* R. Mwang'amba, BSc, MSc (Dar)
S. M. Yahya, BSc, MSc (Dar)
T. Joseph, BSc, MSc (Dodoma)
*A. Matemu, BSc (Dar)
F. S. Uledi, BSc (Blida), MSc (Nice)

TutorialAssistants
* S. E. Kimambo, BSc (Dar)
* I. R. Swalehe, BSc (Dod)
N. T. Kimaro, BSc (Dar)

Principal Laboratory Engineer I
C. K. Raphael, AdvDip, PGEM, MEM (Dar)

Principal *Laboratory Engineer II*
T. Sapula, AdvDip (Dar), MSc (Dar)

Laboratory Technician
A. Kamoye, Dip (Dar)
K. N. Mashinga, Dip (Dar)

Administrative Staff
Secretary I
C. M. Msocha, Dip (Dar)

Centre for Virtual Learning
Director and Senior Lecture
F. S. Ikuja, BSc, MSc, PhD (Dar)

Lecturers
J. Frank, BSc, MSc, PhD (Dar)

Technical Staff
O. D. Mashauri, BSc (Melbourne)
A. A. Kiluwasha, BSc (Dar), MSc (Kuala Lumpur)
H. Haule, BSc (Dar)
B. Saganda, Dipl Arts (Bagamoyo), BA, PGD-SC, MA (Dar)
G. Nkwera, Adv. Journalism (Mwanza), Post. Diploma (Dar), MA (Eastern Cape)
M. F. Makungu, FTC Elec. Eng., Adv. Dipl. Eng. (DIT), PGD EIT (Dar)

Administrative Staff
M. M. Mhando, *Secretary I*
M. A. Mmari, *Accounts Officer I*
S. A. Binda, *Senior Driver II*

On study leave

COLLEGE OF NATURAL AND APPLIED SCIENCES (CoNAS)

INTRODUCTION
The College of Natural and Applied Sciences (CoNAS) comprises six departments namely Department of Botany, Chemistry, Mathematics, Physics, Zoology and Wildlife Conservation, and Molecular Biology and Biotechnology.

The College offers the following three-year undergraduate programmes leading to degrees:

(i)   Bachelor of Science with Education (BScEd)
(ii)   Bachelor of Science in Chemistry (BScChem)
(iii)   Bachelor of Science in Petroleum Chemistry (BScPChem)
(iv)   Bachelor of Science in Molecular Biology and Biotechnology (BScMolBioBTech)
(v)   Bachelor of Science in Applied Zoology (BScAppZoo)
(vi)   Bachelor of Science in Wildlife Science and Conservation (BScWSc)
(vii)   Bachelor of Science in Botanical Science (BScBotSc)
(viii) Bachelor of Science in Microbiology (BScMicr)
(ix)   Bachelor of Science in Actuarial Sciences (BScActSc)
(x)   Bachelor of Science in Meteorology (BScMet)
(xi)   Bachelor of Science in Mathematics and Statistics (BScMatSt)
(xii)   Bachelor of Science in Chemistry and Physics (BScChemPhys)
(xiii) Bachelor of Science in Applied Microbiology and Chemistry (BScAppMicrChem)

Regulations Governing the Award of the BSc Degree
The College operates a semester system of studies. Each discipline offers a variety of courses, including core courses, which are compulsory to students majoring in the subjects, and Elective courses. Each course is given a credit weighting according to the time devoted to it on the timetable. Fifteen one-hour lectures and fifteen two to three-hour practical classes constitute four credits. Thus, for example, a course consisting of 30 one-hour lectures and 15 three-hour practical classes is a Twelve (12) credits course. Seminars and discussion groups are not counted in the weighting unless they make up more than a third of the total teaching hours in a course.

General Degree Regulations
1   A minimum of 360 credits must be passed for the award of a 3-year degree (BScBotSc, BScMolBioBTech, BScChem, BScWSc, BScAppZoo, BScPetChem, BScMet, BScChemPhys and BScAppMicrChem, whereas for BScEd and BScMatSt degree programmes minimum of 388, credits must be passed. For BScActSc a minimum of 428 credits must be passed. Passing a course shall mean scoring a C grade or higher.
2   All students admitted to the College of Natural and Applied Science (except those enrolled into the BScActS, BScChem, BScMolBioBTech, BScWSc, BScMet, and BScBotSc programmes) shall major in two science subjects starting from their first year of study.
3   All undergraduate students shall major in two science subjects or the equivalent thereof. Subjects such as Mathematics, Physics, and Chemistry, which prepare students for specialised professional practice, may each be counted as two subjects for this purpose, provided that certain prerequisites are met and prior permission is obtained from the respective Head of Department and the Principal of the College.
4   Majoring in a Science subject shall involve passing at least 120 credits including all the prescribed core courses in that subject. To avoid double counting, no course may be counted towards the 120 credits of more than one subject.
5   Majoring in a Science subject that may be counted as, or is equivalent to two subjects, shall involve passing at least 240 credits including all the prescribed core courses in that subject.
6   Science students must take and pass the recommended core courses in Development Studies (100 series) and Environmental Science (200 series) for non-education students.

7   Each student must include and pass in his/her study programme at least 80 credits in the 300-course series in the science majors and not more than 144 credits in the 100-course series.

    7.1   In addition to their Science course load, BScEd students shall take a minimum of 120 credits of Education, including all prescribed core courses.

    7.2   BScEd students must also take all prescribed Teaching Practice courses offered by the School of Education.

8   Each student shall register for courses totalling to at least 120 credits per academic year

9   In addition to core courses required for his/her major subjects, Development Studies, Communication skills and Environmental Science, a student may choose as an elective any course for which he/she can meet the prerequisite/Co-requisite requirements and which is compatible with the teaching timetable (subject to regulation No. 10).

10   At the end of the academic year every student shall, in consultation with his/her Academic Advisor, map out his/ her course programme for the next year. A course programme shall be subject to approval by the Head of the Department in which the student intends to major and by the Principal of the College. The Principal's approval shall constitute formal enrolment for all the courses listed in the programme. For first year students, mapping of the course programme will be done during the orientation week.

11   B.Sc with Education:
First year students who are pursuing BScEd programme should select their two major science subjects from the following combinations:
- Biology and Chemistry
- Biology and Geography
- Mathematics and Chemistry
- Physics and Chemistry
- Physics and Mathematics
- Mathematics and Geography
- Mathematics and Economics

    .

12   Students may be admitted to CoNAS as transfer students (advanced standing status) provided that their previous work was done at an institution recognized by the University of Dar es Salaam. Such students must provide also a detailed syllabus of the course done and transcript of the grades obtained.

13   The maximum transferable load shall be 120 credits (approximately one year's work).

14   The degree classification of a transfer student shall be based solely on credits done at the University of Dar es Salaam. It shall be based on a minimum of 240 credits for the undergraduate degree programmes in CoNAS.

College Examination Regulations

15   Each course will be assessed at the time of its completion and a grade awarded. The grade will be based on an end of course examination and a coursework assessment. The coursework assessment shall normally constitute 40% of the total course assessment. Coursework assessment, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignments on which it is based shall be available for scrutiny by the External Examiner.

16   Monitoring of the student's progress in each course will be based on the following:

    16.1 Grade to marks (%) correspondence:

        A = 70%-100%;   B+ = 60%-69%; B = 50%-59%;
        C = 40%-49%;   D = 35%-39%; E = 0%-34%

    16.2 Grade to points correspondence:

        A = 5 points   B+ = 4 points   B = 3 points
        C = 2 points   D = 1 points   E = 0 points

16.3 Course grade multiplied by the appropriate credit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.

17 An average grade for each major subject shall be worked out by adding together, by means of weighted points, all the grades of the core course in that subject. The following points to grade correspondence shall apply in monitoring the student's progress in each major subject:

4.4-5.0 = A
3.5-4.3 = B+
2.7-3.4 = B
2.0-2.6 = C
1.0-1.9 = D
0.0-0.9 = E

18 A student who has passed courses totalling to more than 360 credits in a three-year programme shall have one or more elective courses excluded from the assessment in the degree classification. The assessment shall in this case exclude those elective courses in which the student had the worst performance. However, for BScEd programme the minimum number of credits to be considered shall be 388.

18.1 The average score for the degree will be computed in the same way as for the average score for a major subject. The degree classification shall be based on the best 360 provided that regulations Number 1 to 9 above are fulfilled. In the case of BScEd programme, the degree classification shall be based on the best 388. The classification shall be as follows:

First Class – 4.4 – 5.0
Upper Second 3.5 – 4.3
Lower Second 2.7 – 3.4
Pass 2.0 – 2.6

19 To be allowed to continue with any degree programme in CoNAS, a student must pass all the prescribed core courses in each of the major Science subjects and attain an overall GPA of 2.0 or above.

19.1 A student may be allowed to re-sit failed courses in supplementary examination if he or she attained an overall GPA of 1.8 or above as per general university rules (GUES 11).

19.2 Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.

20 Supplementary Examinations will be held once each year prior to the commencement of the subsequent academic year, for the core courses examined during the previous session. Any student, who has qualified to continue with his studies under regulation No. 19.1, must sit for a supplementary examination in any core courses in which he/ she has failed (i.e. scored a D or E) in the examination. The highest grade awarded shall be the minimum passing grade (i.e. C).

21 With the approval of the College Board and Senate, certain courses may be designated as courses where coursework supplementation will not be permitted. When the coursework assessment in such a course is failed, the entire course must be repeated.

22 If after taking supplementary examinations a student fails to obtain a C average at 2.0 or better in all the core courses in two of the Science subjects that he/she will be majoring in, he/she shall be discontinued from studies.

23 A grade scored in the supplementary examination shall constitute the final grade in that course regardless of the score in the original examination.

24 A student who has qualified to continue with his/her studies (under Regulations 21 and 22 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.

24.1 A student who fails a supplementary examination in a core course in which he/she has enrolled twice shall be discontinued.

24.2 A student who has failed a practical course, which cannot be supplemented, shall be allowed to proceed to the next year of study provided his/her GPA in that major subject is 1.8 or higher.

25 Supplementary work in or repetition of elective courses will only be allowed in exceptional circumstances, normally only when those units are needed to complete a degree programme.

26 A special examination in a course to be regarded as constituting a first sitting shall be given to students who for satisfactory reasons were allowed by the Principal not to take the regular examination.

26.1 Normally, special examinations will be given at the time of supplementary examinations

26.2 A student who is required to sit for a special examination or who, for satisfactory reasons, has not completed an important portion of his/her course work, shall be awarded an "I" ("Incomplete") Grade

26.3 A student who has been awarded an "I" grade during any academic year is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the College Board, any "I" grade not cleared at the time of the supplementary examinations automatically becomes an "E" grade.

27 No student will be enrolled in a course for which he/she has not fulfilled the prerequisites. A course for which a "D" grade or lower is obtained shall not be counted as fulfilling a prerequisite for any course unless it is a course in the same series taken during the same session

28 To be allowed to repeat a course, in which an examination is a part of the assessment, a student must first sit for supplementary examination in that course

29 The maximum time for which a student may remain registered in the College of Science is 5 years for a 3-year programme. Any student who is required to repeat/complete certain courses in order to qualify for the award of a degree shall be deemed to have failed the programme at the end of the maximum period if any of such courses have not been passed.

Practical Training

CoNAS runs a practical training programme in which students enrolled in the BScBotSc, BScMolBioBTech, BScChem, BScWSc, BScMicr, BScPChem, BScChemPhy, BSCAppMicroChem, BScMet, BScActSc BScMathStat and BScAppZoo courses engage in practical activities related to their fields of study. Normally these activities are held in various Institutions outside the University. The programme may have two parts: one coming immediately after the First Year and the other immediately after the Second-Year. The programme seeks:

(i) To expose students to the various research and/or production activities being carried out in different parts of the country;

(ii) To enable students to apply their knowledge in practice;

(iii) To ensure that, on leaving the University, graduates have acquired some appropriate work experience;

(iv) To establish and maintain contact between prospective employers and the University in order to ensure that Students are given the appropriate skills and knowledge for the jobs they are likely to be called upon to perform after graduation;

(v) To enable prospective employers and employees to become acquainted with one another in the working situation.

Regulations Governing Practical Training

1 A student must pass practical training before qualifying for the award of the degree.

2 The assessment will be based on the following four items:

Employers Assessment	10%
Logbook	20%
Final Report	60%
Presentation	10%

2.1 Assessment by the Employer

The Employer using an assessment form shall grade the items listed below using the following weighting:
A = Excellent,   B = Very Good, C = Good, D = Fair   E = Poor.

The items to be graded by the employer will include the following:

(i) Skills obtained by the student.

(ii) Attitude towards work.

(iii) Personal initiatives and independence.

(iv)   Reliability in carrying out duties.
(v)   Punctuality to work.

The above 5 items will account for 10% of the overall assessment.

2.2   **Assessment of Logbook**
       The logbooks should contain description of activities and tasks assigned to students, output from such activities and remarks by the employer. The employer shall sign the document on a weekly basis. The logbook shall be submitted to the University supervisor together with the final report. The grading of the logbook shall be marked out of 20% based on the following:
       (i)   Clear description of activities   10%
       (ii)   Description of Outputs   10%

2.3   **Assessment of Final Report**

       Grading of the report shall take into consideration the following distribution of marks.
       Description and analysis of tasks given   10%
       Problem identification and scientific methods used   15%
       Presentation of results and data   20%
       Correctness of information (graphs, maps etc)   10%
       Summary and conclusions   05%

3   A student in his/her last but one year of study who fails practical training will be required to go through and pass a supplementary training period, which will be arranged for him/her in June-August of the subsequent year after completion of University Examinations. A first-year student who fails practical training will be required to go through and pass a supplementary training period, which will be arranged during the 6 weeks of the long vacation of the subsequent year.
4   Students who do not go to places allocated to them for practical training without satisfactory reasons will be deemed to have failed their practical training, and will as a result be discontinued from the University.
5   Students who go to the allocated PT places but refuse to follow the training programme will be deemed to have absconded and consequently shall be discontinued from studies.

Course Mapping

DEPARTMENT OF BOTANY

Bachelor of Science with Education

Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
DS 211	Entrepreneurship, Small Business and Development	8	1	Elective
SC 215	Scientific Methods	8	1	Elective
EV 200	Environmental Science I	8	1	Elective
EV 300	Environmental Science II	8	2	Elective
First Year				
BL 111	Introductory Cell Biology and Genetics	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
ZL 122	Chordate Zoology	8	2	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
Second Year				
BT I30	Evolutionary Botany	12	1	Core
ZL 210	Vertebrate Anatomy and Physiology I	8	1	Core

Code	Course Title	Credit	Semester	Status
ZL 220	Vertebrate Anatomy and Physiology II	12	2	Core
BL 113	Ecology I	8	2	Core
BT 113	Introduction to Plant Physiology	8	2	Core
ZL 124	Developmental Biology	8	2	Elective
BT 218	Metabolic Physiology and Plant Growth	8	2	Elective
BT 225	Taxonomy of Higher Plants	12	1	Core
Third Year				
ZL 236	Introductory Entomology and Parasitology	12	1	Core
ZL 302	Evolution	8	2	Core
BT 327	Anatomy of Angiosperm	8	2	Core
BL 215	Ecology II	12	1	Elective
BT 211	Fundamentals of Soil Science	8	1	Elective
BL 331	Cell Biology and Molecular Genetics	12	1	Elective

Bachelor of Science in Botanical Sciences

Common Courses

Code	Course Title	Credit	Semester	Status
DS112	Perspectives of Development	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
SC 215	Scientific Methods	8	1	Core
First Year				
BT 130	Evolutionary Botany	12	1	Core
BL 111	Introduction to Cell Biology and Genetics	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
MC 100	Fundamentals of Microbiology	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Elective
AC 102	Fundamentals of Accounting for Non Business Majors	12	1	Elective
CH 113	Chemistry for Life Sciences Students	12	2	Core
BT 112	Principles of Plant Population Genetics	8	2	Core
BT 113	Introduction to Plant Physiology	8	2	Core
BL 113	Ecology I	8	2	Core
WS 101	Ecology and Utilisation of Natural Resources	8	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	2	Core
BN 131	Biochemistry I	12	2	Core
CL 107	Communication Skills for Science	12	2	Elective
ZL 122	Chordate Zoology	8	2	Elective
Second Year				
BT 211	Fundamentals of Soil Science	8	1	Core
BT 224	Introduction to Plant Molecular Biology	12	1	Core
BT 225	Taxonomy of Higher Plants	12	1	Core
BL 215	Ecology II	12	1	Core
BT 223	Biometry for Plant Science	12	2	Core
BT 221	Management and Conservation of Soils	12	2	Core

Code	Course Title	Credit	Semester	Status
BT 218	Metabolic Physiology and Plant Growth	8	2	Elective
BT 215	Introduction to mycology	8	2	Elective
BT 217	Plant Genetics and Evolution	8	2	Elective
BL 210	Immunology for Life Scientists	12	2	Elective
BL 214	Biostatistics I	12	2	Elective
ZL 236	Introductory Entomology and Parasitology	12	2	Elective
Third Year				
BT 319	Practical Training	8	2	Core
BT 329	Plant Ecology and Phytogeography	12	1	Core
BT 349	Management and Monitoring of Fragile Ecosystems	12	1	Core
BL 390	Research Project	12	1	Core
BT 323	Algal Systematics and Ecology	12	2	Core
BT 327	Anatomy of Angiosperms	8	2	Core
BT 356	Plant Diversity and Conservation	12	2	Core
BT 352	Horticulture	8	1	Elective
BL 313	Biological Impact Assessment	8	1	Elective
GE 352	Natural Resource Management	12	1	Elective
BT 321	Applied Plant Physiology	8	1	Elective
BT 335	Plant Breeding and Genetic Manipulation	8	2	Elective
BT 341	Economic Botany	12	2	Elective
BT 350	Plant Systematics	12	2	Elective
BT 351	Watershed Management	12	2	Elective
BN 303	Agricultural Biotechnology	8	2	Elective
BT 333	Plant Pathology	8	2	Elective
BT 337	Plant Tissue Culture	8	2	Elective

CHEMISTY DEPARTMENT

Code	Course Title	Credit	Semester	Status
Common Courses				
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Core
EV 200	Environmental Science	8	1	Core
SC 215	Scientific Methods	8	1	Elective
DS 211	Entrepreneurship, Small Business and Development	8	2	Elective

Bachelor of Science with Education

First Year

Code	Course Title	Credit	Semester	Status
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CH 121	Chemistry Practical I	8	1	Core
CH 117	Organic Chemistry I	12	2	Core
Second Year				
CH 219	Systematic Inorganic Chemistry	12	2	Core
CH 241	Chemistry Practical III	8	2	Core
CH 243	Organic Chemistry II	12	1	Core
CH 244	Chemistry Practical IV	8	1	Elective
CH 262	Analytical and Environmental Chemistry	12	1	Elective
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Elective
Third Year				
CH 201	Chemical Thermodynamics	12	1	Core
CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
CH 341	Chemistry Practical VI	8	1	Core
CH 290	Chemical Kinetics and Electrochemistry	12	2	Core
CH 364	Coordination Chemistry	8	2	Core
CH 377	Industrial Chemistry	12	1	Elective
CH 323	Organic Spectroscopy	8	2	Elective

Bachelor of Science in Chemistry

First Year

Code	Course Title	Credit	Semester	Status
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CH 121	Chemistry Practical I	8	1	Core
CH 172	Chemical Separation	12	1	Core
CH 117	Organic Chemistry I	12	2	Core
CH 122	Chemistry Practical II	8	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Core
Second Year				
CH 201	Chemical Thermodynamics	12	1	Core
CH 243	Organic Chemistry II	12	1	Core
CH 244	Chemistry Practical IV	8	1	Core
CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
CH 262	Analytical and Environmental Chemistry	12	1	Core
CH 219	Systematic Inorganic Chemistry	12	2	Core
CH 241	Chemistry Practical III	8	2	Core
CH 245	Chemistry Practical V	8	2	Core
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Core
CH 290	Chemical Kinetics and Electrochemistry	12	2	Core

Code	Course Title	Credit	Semester	Status
CH 299	Practical Training	8	2	Core
SC 215	Scientific Methods	8	1	Elective
PH 249	Fundamentals of Materials Science	8	2	Elective
Third Year				
CH 314	Project Work	12(6)	1	Core
CH 303	Organic Synthesis	12	1	Core
CH 341	Chemistry Practical VI	8	1	Core
CH 377	Industrial Chemistry	12	1	Core
CH 314	Project Work	12(6)	2	Core
CH 323	Organic Spectroscopy	8	2	Core
CH 364	Coordination Chemistry	8	2	Core
CH 394	Fundamentals of Theoretical Chemistry	12	2	Core
CH 379	Organometallic Chemistry	12	2	Core
CH 399	Practical Training	8	2	Core
CH 315	Surface and Colloidal Chemistry	8	1	Elective
CH 371	Quality Control and Assurance	8	1	Elective
CH 308	Polymer Chemistry	8	1	Elective
CH 353	Biochemistry	8	1	Elective
CH 357	Fuel Chemistry and Technology	8	2	Elective
CH 363	Chemical Waste Management	8	1	Elective
CH 391	Advanced Electrochemistry	8	2	Elective
CH 305	Chemistry of Natural Products	8	2	Elective
CH 351	Forensic Chemistry	8	2	Elective
CH 374	Bio-Inorganic Chemistry	8	2	Elective

Bachelor of Science in Petroleum Chemistry

First year

Code	Course Title	Credit	Semester	Status
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CH 121	Chemistry Practical I	8	1	Core
CH 172	Chemical Separation	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
GY 100	Introduction to Geology and Geological Processes	12	1	Core
CH 117	Organic Chemistry I	12	2	Core
CH 122	Chemistry Practical II	8	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Core
CH 174	Scientific Methods in Chemistry	12	2	Core
IS 131	Introduction to Informatics & Microcomputers	8	2	Elective
GY 120	Earth Materials (Rocks and Minerals)	12	2	Elective
OG 101	Introduction to Petroleum Engineering	12	2	Elective

Code	Course Title	Credit	Semester	Status
Second Year				
CH 201	Chemical Thermodynamics	12	1	Core
CH 243	Organic Chemistry II	12	1	Core
CH 251	Formation and Composition of Petroleum	12	1	Core
CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
CH 254	Petroleum Chemistry Practical I	12	1	Core
CH 262	Analytical and Environmental Chemistry	12	1	Core
CH 252	Chemistry of Coal	12	2	Core
CH 253	Surface Chemistry for Petroleum Industry	12	2	Core
CH 255	Petroleum Chemistry Practical II	12	2	Core
CH 245	Chemistry Practical V	8	2	Elective
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Elective
PH 249	Fundamentals of Materials Science	8	2	Elective
Third Year				
CH 336	Petroleum Refining and Petrochemicals	12	1	Core
CH 337	Petroleum Chemistry practical's III	12	1	Core
CH 338	Corrosion and its Control in the Petroleum Industry	12	1	Core
CH 341	Chemistry practical VI	8	1	Core
OG 310	Industrial Health Safety and Environmental Protection in Petroleum Engineering	12	2	Core
CH 323	Organic Spectroscopy	8	2	Core
CH 339	Petroleum Chemistry Practical IV	12	2	Core
OG 477	Petroleum Refining Techniques	12	2	Core
CH 399	Practical Training	8	2	Core
CH 308	Polymer Chemistry	8	1	Elective
CH 314	Project Work	12	1	Elective
CH 331	Chemometrics	8	1	Elective
CH 334	Fuel Cells	12	1	Elective
CH 363	Chemical Waste Management	8	1	Elective
CH 377	Industrial Chemistry	12	1	Elective
CP 473	Risk Assessment and Management	12	1	Elective
GM 100	Principles and Practice of Management	12	1	Elective
CH 314	Project Work	12	2	Elective
GY 445	Oil and Gas Policy and Environmental Law	12	2	Elective
CH 335	Chemistry of Biofuels	12	2	Elective

Bachelor of Science in Chemistry and Physics

First Year

Code	Course Title	Credit	Semester	Status
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CH 121	Chemistry practical I	8	1	Core
CH 172	Chemical Separation	12	1	Core
PH 122	Classical Mechanics	8	1	Core
PH 124	Optics	8	1	Core
PH 133	Vibrations and Waves	8	1	Core
CH 117	Organic Chemistry I	12	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Core
PH 116	Experimental Methods of Physics I	8	2	Core
PH 121	Electricity and Magnetism	8	2	Core
PH 126	Analogy Electronics	8	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Elective
CH 174	Scientific Methods in Chemistry	12	2	Elective

Second Year

Code	Course Title	Credit	Semester	Status
EV 200	Environmental Science I	8	1	Core
CH 243	Organic Chemistry II	12	1	Core
CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
PH 204	Mathematical Methods for Physics	12	1	Core
PH 210	Physics Practical Training I	8	1	Core
PH 224	Digital Electronics	8	1	Core
PH 247	Experimental Methods of Physics II	8	1	Core
CH 219	Systematic Inorganic Chemistry	12	2	Core
CH 241	Chemistry Practicals III	8	2	Core
CH 290	Chemical Kinetics and Electrochemistry	12	2	Core
PH 217	Quantum Physics	12	2	Core
PH 220	Statistical Thermodynamics	12	2	Core
PH 229	Computational Physics	8	2	Core
CH 262	Analytical and Environmental Chemistry	12	1	Elective
PH 222	Advanced Mechanics	8	1	Elective
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Elective
PH 249	Fundamentals of Materials Science	12	2	Elective

Third Year

Code	Course Title	Credit	Semester	Status
CH 201	Chemical Thermodynamics	12	1	Core
CH 314 /PH 346	Project Work	12(6)/8(4)	1	Core
CH 323	Organic Spectroscopy	8	1	Core
CH 341	Chemistry Practical VI	8	1	Core
CH 399	Chemistry Practical Training II	8	1	Core
PH 320	Atomic Physics	12	1	Core
CH 364	Coordination Chemistry	8	2	Core
CH 394	Fundamentals of Theoretical Chemistry	12	2	Core
PH 326	Nuclear Physics and Applications	12	2	Core
PH 332	Solid State Physics	8	2	Core

Code	Course Title	Credit	Semester	Status
PH 347	Electromagnetism	8	2	Core
PH 359	Astrophysics	8	2	Core
CH 303	Organic Synthesis	12	1	Elective
CH 308	Polymer Chemistry	8	1	Elective
CH 318	Medicinal Chemistry	8	1	Elective
CH 363	Chemical Waste Management	8	1	Elective
CH 371	Quality Control and Assurance	8	1	Elective
PH 317	Fundamentals of Electrodynamics	8	1	Elective
PH 319	Fundamentals of Atmospheric Physics	8	1	Elective
PH 334	Energy and Environment	8	1	Elective
CH 305	Chemistry of Natural Products	8	2	Elective
CH 335	Chemistry of Biofuels	12	2	Elective
CH 351	Forensic Chemistry	8	2	Elective
CH 374	Bio-Inorganic chemistry	8	2	Elective
CH 379	Organometallic Chemistry	12	2	Elective
CH 381	Physical Organic Chemistry	8	2	Elective
PH 364	The Earth-Atmosphere System	8	2	Elective

DEPARTMENT OF MATHEMATICS

Bachelor of Science with Education

Code	Course Title	Credit	Semester	Status
First Year				
MT 100	Foundations of Analysis	12	1	Core
MT 127	Linear Algebra 1	12	1	Core
MT 136	Ordinary Differential Equation I	8	2	Core
MT 120	Analysis 1: Functions of a Single Variable	12	2	Core
MT 114*	Computer Programming	12	1	Elective
MT 147	Discrete Mathematics	12	2	Elective

* Should not be taken by Computer Science students.

Second Year

Code	Course Title	Credit	Semester	Status
MT 200	Analysis 2: Functions of Several Variables	12	1	Core
MT 233	Mathematical Statistics	12	1	Core
MT 278	Linear Programming	12	2	Core
MT 227	Linear Algebra II	8	2	Elective
MT 274	Numerical Analysis 1	12	2	Elective
Third Year				
MT 357	Abstract Algebra	12	1	Core
MT 310	Analysis 3: Complex Analysis 1	12	2	Core
MT 360	Functional Analysis	12	2	Core
MT 378	Queuing Theory and Inventory Models	12	1	Elective
MT 389	Mathematics Project	8	2	Elective
MT 348	Integer and Non-Linear Programming	12	1	Elective
MT 358	Graphs and Network Optimization	12	2	Elective
MT 374	Numerical Analysis II	8	2	Elective

Bachelor of Science in Mathematics and Statistics

First Year

Code	Course Title	Credit	Semester	Status
MT 100	Foundations of Analysis	12	1	Core
MT 127	Linear Algebra 1	12	1	Core
ST 113	Basic Statistics	12	1	Core
FN 100	Principles of Microeconomics	12	1	Core
MT 135	Ordinary Differential Equation I	12	2	Core
DS 112	Development Perspectives I	12	1	Core
FN 101	Principles of Macroeconomics	12	2	Core
DS 113	Development Perspectives II	12	2	Core
MT 114	Computer Programming	12	1	Core
MT 120	Analysis I: Functions of Single Variable	12	2	Core
ST 114	Probability Theory I	12	2	Core
CL 107	Communication Skills for Science Students	12	1	Elective
MT 147	Discrete Mathematics	12	2	Elective
ST 118	Time Series and Index Numbers	12	2	Elective
Second Year				
MT 200	Analysis 2: Functions of Several Variables	12	1	Core
ST 210	Probability Distributions I	12	1	Core
MT 278	Linear Programming	12	2	Core
MT 274	Numerical Analysis 1	12	2	Core
ST 211	Probability Distributions II	12	2	Core
ST 218	Applied Statistics I	12	1	Core
MT 225	Partial Differential Equations	12	1	Core
ST 212	Statistical Inference I	12	1	Core
ST 219	Applied Statistics II	12	2	Core
MT 265	Mathematical Computing	12	1	Elective
ST 220	Basic Demographics Methods	12	1	Elective
MT 266	Rigid Body Mechanics	12	2	Elective
ST 217	Probability Theory II	12	2	Elective
Third Year				
MT 357	Abstract Algebra	12	1	Core
ST 310	Statistical Inference II	12	1	Core
MT 340	Analysis 4: Real Analysis	12	1	Core
ST 318	Sampling Theory and Methodology	12	2	Core
MT 310	Complex Analysis	12	1	Core
ST 316	Statistical Quality Control	12	2	Core
ST 321	Regression Analysis	12	2	Core
MT 398	Practical Training	8	2	Core
MT 389	Project	8	2	Core
MT 360	Functional Analysis	12	2	Core
ST 319	Design and Analysis of Experiments	12	1	Elective
MT 378	Queuing Theory and Inventory Models	12	1	Elective
MT 346	Fluid Mechanics	12	2	Elective
ST 312	Stochastic Processes	12	2	Elective

Bachelor of Science in Actuarial Sciences

First Year

Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
MT 136	Ordinary Differential Equations	8	2	Core
MT 114	Computer Programming	12	1	Core
ST 113	Basic Statistics	12	1	Core
ST 121	Analytical Calculus	12	1	Core
AC 102	Accounting for Non-Business Majors	12	1	Core
FN 102	Introduction to Actuarial Studies	12	2	Core
DS 113	Development Perspectives II	12	2	Core
CL 106	Communication Skills	12	2	Core
MT 180	Introduction to Actuarial Mathematics	12	2	Core
ST 122	Linear Algebra with Applications	12	2	Core
ST 114	Probability Theory I	12	2	Core
FN 101	Principles of Macroeconomics	12	2	Core

Second Year

Code	Course Title	Credit	Semester	Status
MT 281	Life Contingencies	12	1	Core
ST 220	Basic Demographic Methods	12	1	Core
MT 226	Partial Differential Equations	8	1	Core
MT 233	Mathematical Statistics	12	1	Core
MT 278	Linear Programming	12	2	Core
FN 200	Principles of Finance	12	1	Core
FN 209	Risk Theory	12	2	Core
MT 280	Basic Pension Mathematics	12	2	Core
FN 202	Financial Management	12	2	Core
LW 705	Legal Aspects of Actuarial Science	12	2	Core
ST 324	Linear Models	12	2	Core
BM 333	Field Practical with Research Component	24	2	Core
ST 212	Statistical Inference I	12	2	Elective
ST 215	Differential and Difference Equations	12	2	Elective

Third Year

Code	Course Title	Credit	Semester	Status
ST 326	Survival Models	12	1	Core
ST 327	Actuarial Modelling	12	1	Core
FN 315	Basics of Actuarial Planning and Control	12	1	Core
FN 314	Quantitative Methods for Risk Management	12	1	Core
ST 310	Statistical Inference II	12	1	Elective
ST 312	Stochastic Processes	12	1	Elective
MT 378	Queuing Theory and Inventory Models	12	1	Elective
MT 348	Integer and Non-Linear Programming	12	1	Elective
FN 316	Superannuation Practices	12	2	Core
MT 381	Credibility and Loss Distributions	12	2	Core
FN 317	Actuarial Practices in Insurance Schemes	12	2	Core
FN 318	Actuarial Practices in Pension and Retirement Benefits	12	2	Core
ST 325	Mathematical Demography	12	2	Core
FN 310	Investment Analysis	12	2	Elective
FN 301	Financial Analysis	12	2	Elective

DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Bachelor of Science in Molecular Biology and Biotechnology

Common Courses

Code	Course Title	Credit	Semester	Status
DS112	Development Perspectives I	12	1	Core
DS113	Development Perspectives II	12	2	Core
EV200	Environmental Science I	8	1	Core
SC215	Scientific Methods	8	1	Core
First Year				
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
MC 100	Fundamentals of Microbiology	12	1	Core
MC 130	Methods and Safety in Microbiology	12	1	Core
MC 131	Eukaryotic Microorganisms	12	1	Core
BL 111	Introductory Cell Biology and Genetics	12	1	Core
MT111	Mathematics for Biological and Chemical Sciences	8	1	Core
BN 130	Molecular Biology	12	2	Core
BN 131	Biochemistry I	12	2	Core
BN 112	Immunology I	12	2	Core
MC 132	Practicals in Eukaryotic Microorganisms	8	2	Core
PH 103	Applied Physics in Biology	12	2	Core
CH 117	Organic Chemistry I	12	2	Elective
Second Year				
BN 230	Methods in Molecular Biology I	12	1	Core
BN 231	Bioinformatics I	12	1	Core
BN 235	Practicals in Molecular Biology I	8	1	Core
BN 238	Biochemistry II	12	1	Core
BN 234	Molecular Virology	12	2	Core
BN 237	Immunology II	12	2	Core
BL 234	Biostatisticscs I	12	2	Core
BN 236	Practicals in Molecular Biology II	8	2	Core
BN 240	Practicals in Biochemistry	8	2	Core
MC234	Medical Bacteriology	12	1	Elective
MC 232	Food Microbiology and Processing	12	1	Elective
BN 232	Food Biotechnology	12	1	Elective
MC 236	Medical Mycology	12	2	Elective
MC 238	Practicals in Microbiology II	8	2	Elective
MC 233	Environmental Microbiology	12	2	Elective
BN 233	Forensic DNA Typing	12	2	Elective
BN 239	Molecular Developmental Biology	12	2	Elective
BT 218	Metabolic Physiology and Plant Growth	12	2	Elective
BT 217	Plant Genetics and Evolution	8	2	Elective

Code	Course Title	Credit	Semester	Status
Third Year				
BN 335	Bioinformatics II	12	1	Core
BL 390	Research Project	12	1	Core
BN 342	Methods in Molecular Biology II	12	1	Core
BN 340	Practical Training	8	1	Core
BN 330	Environmental Biotechnology	12	1	Core
BL 314	Biostatistics II	8	2	Core
BN 338	Biosafety, Biopolicy and Bioethics	12	2	Core
BN 341	Immunology III	12	2	Core
BN 332	Industrial Biotechnology	12	2	Core
BN 336	Practicals in Biotechnology	8	2	Core
BN 331	Agricultural Biotechnology	12	1	Elective
BN 337	Practicals in Microbial Technology	8	1	Elective
BN 339	Biochemistry III	12	1	Elective
MC 330	Entrepreneurship Microorganisms	12	1	Elective
MC332	Agricultural Microbiology	12	1	Elective
ZL 336	Entomology	12	1	Elective
BN 333	Down Stream Processing	12	1	Elective
BN 334	Molecular Cell Biology	12	2	Elective
BN 343	Pharmaceutical Biotechnology	12	2	Elective
MC 333	Applied Mycology	12	2	Elective
MC 334	Medical Virology	12	2	Elective
BT 333	Plant Pathology	12	2	Elective
BT 337	Plant Tissue Culture	12	2	Elective
ZL 302	Evolution	12	2	Elective
ZL 338	Parasitology	12	2	Elective

Bachelor of Science in Microbiology

Common Courses

Code	Course Title	Credit	Semester	Status
DS112	Development Perspectives I	12	1	Core
DS113	Development Perspectives II	12	2	Core
SC215	Scientific Methods	8	1	Core
EV200	Environmental Science I	8	1	Core
First Year				
MC 130	Methods and Safety in Microbiology	12	1	Core
BL 111	Introduction to Cell Biology and Genetics	12	1	Core
MC 100	Fundamentals of Microbiology	12	1	Core
MC 131	Eukaryotic Microorganisms	12	1	Core
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
MT 111	Mathematics for Biological & Chemical Sciences	8	1	Core

Code	Course Title	Credit	Semester	Status
BN 130	Molecular Biology	12	2	Core
BN 112	Immunology I	12	2	Core
MC 132	Practicals in Eukaryotic Microorganisms	8	2	Core
CH 117	Organic Chemistry I	12	2	Core
PH 103	Applied Physics in Biology	12	2	Elective
ZL 121	Invertebrate Zoology	8	2	Elective
BL 113	Ecology I	8	2	Elective
Second Year				
MC 231	Microbial Nutrition and Metabolism	12	1	Core
MC 232	Food Microbiology and Processing	12	1	Core
BN 231	Bioinformatics I	12	1	Core
MC 230	Microbial taxonomy	12	2	Core
MC 235	Microbial Ecology	12	2	Core
BL 234	Biostatistics I	12	2	Core
MC 233	Environmental Microbiology	12	2	Core
MC 237	Practicals in Microbiology I	8	2	Core
MC 234	Medical Bacteriology	12	1	Elective
BN 232	Food Biotechnology	12	1	Elective
BN 235	Practicals in Molecular Biology I	8	1	Elective
MC 238	Practicals in Microbiology II	8	2	Elective
ZL 236	Introductory Entomology and Parasitology	12	2	Elective
MC 236	Medical Mycology	12	2	Elective
BN 237	Immunology II	12	2	Elective
Third Year				
BL 390	Research Projects	12	1	Core
MC 330	Entrepreneurship Microorganisms	12	1	Core
MC 331	Microbial Biotechnology	12	1	Core
MC 332	Agricultural Microbiology	12	1	Core
MC 340	Practical Training	8	1	Core
BL 314	Biostatics II	8	2	Core
MC 333	Applied Mycology	12	2	Core
BN 338	Biosafety, Biopolicy and Bioethics	12	2	Core
BN 331	Agricultural Biotechnology	12	1	Elective
BN 330	Environmental Biotechnology	12	1	Elective
BN 337	Practicals in Microbial Technology	8	1	Elective
BT 337	Plant Tissue Culture	8	1	Elective
ZL 336	Entomology	12	1	Elective
MC 335	Practicals in Microbiology III	8	2	Elective
MC 334	Medical Virology	12	2	Elective
BN 341	Immunology III	12	2	Elective
BN 333	Downstream Processing	12	2	Elective
ZL 338	Parasitology	12	2	Elective
EV 300	Environmental Science II	8	2	Elective
BT 333	Plant Pathology	8	2	Elective

Bachelor of Science in Applied Microbiology and Chemistry

Common Courses

Code	Course Title	Credit	Semester	Status
DS112	Development Perspectives I	12	1	Core
DS113	Development Perspectives II	12	2	Core
EV200	Environmental Science I	8	1	Core
SC215	Scientific Methods	8	1	Core
First Year				
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
MC100	Fundamentals of Microbiology	12	1	Core
MC130	Methods and Safety in Microbiology	12	1	Core
CH 121	Chemistry Practicals I	8	1	Core
CH 172	Chemical Separation	12	1	Core
MT111	Mathematics for Biological and Chemical Sciences	8	2	Core
CH 117	Organic Chemistry I	12	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Core
BN 111	Introduction to Molecular Biology	12	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Elective
ZL 121	Invertebrate Zoology	8	1	Elective
MC131	Eukaryotic Microorganisms	12	1	Elective
PH 103	Applied Physics in Biology	12	2	Elective
MC132	Practicals in Eukaryotic Microorganisms	8	2	Elective
Second Year				
CH 243	Organic Chemistry II	12	1	Core
MC231	Microbial Nutrition and Metabolism	12	1	Core
MC 232	Food Microbiology and Processing	12	1	Core
CH 299	Practical Training	8	1	Core
CH 241	Chemistry Practicals III	8	2	Core
CH 219	Systematic Inorganic Chemistry	12		Core
MC230	Microbial Taxonomy	12	2	Core
MC237	Practicals in Microbiology I	8	2	Core
BL 210	Immunology for Life Science	12	2	Core
CH 290	Chemical Kinetics and Electrochemistry	12	2	Core
CH 262	Analytical and Environmental Chemistry	12	1	Elective
BN 232	Food Biotechnology	12	1	Elective
BN 235	Practical in Molecular Biology	8	1	Elective
MC234	Medical Bacteriology	12	1	Elective
BL 234	Biostatistics I	8	1	Elective
MC235	Microbial Ecology	12	1	Elective
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Elective
DS 211	Entrepreneurship, Small Business and Development	8	2	Elective
MC238	Practicals in Microbiology II	8	2	Elective

Code	Course Title	Credit	Semester	Status
MC236	Medical Mycology	12	2	Elective
ZL 236	Introductory Entomology and Parasitology	12	2	Elective
MC233	Environmental Microbiology	12	2	Core
Third Year				
CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
CH 201	Chemical Thermodynamics	12	1	Core
CH 323	Organic Spectroscopy	8	1	Core
CH 341	Chemistry Practicals VI	8	1	Core
CH 314*	Project work	12	1	Core
MC330	Entrepreneurship Microbiology	12	1	Core
MC340	Practical Training	8	1	Core
BL390*	Research Project	12	2	Core
CH 364	Coordination Chemistry	8	2	Core
MC 333	Applied Mycology	12	2	Core
BN 338	Biosafety, Bio-policy and Bioethics	12	2	Core
CH 353	Biochemistry	8	2	Core
MC331	Microbial Biotechnology	12	1	Elective
MC332	Agriculture Microbiology	12	1	Elective
BT 337	Plant Tissue Culture	8	1	Elective
Zl 336	Entomology	12	1	Elective
CH 303	Organic Synthesis	12	1	Elective
CH 308	Polymer Chemistry	8	1	Elective
CH 363	Chemical Waste Management	8	1	Elective
CH 318	Medicinal Chemistry	8	1	Elective
CH 377	Industrial Chemistry	12	1	Elective
CH 305	Chemistry of Natural Products	8	2	Elective
CH 335	Chemistry of Biofuels	12	2	Elective
CH 351	Forensic Chemistry	8	2	Elective
CH 374	Bio-Inorganic Chemistry	8	2	Elective
CH 379	Organometallic Chemistry	12	2	Elective
CH 381	Physical Organic Chemistry	8	2	Elective
CH 371	Quality Control and Assurance	8	2	Elective
MC 335	Practicals in Microbiology III	8	2	Elective
MC 334	Medical Virology	12	2	Elective
BN 332	Industrial Biotechnology	12	2	Elective
ZL 338	Parasitology	12	2	Elective
EV 300	Environmental Science II	8	2	Elective

* CH 314 and BL 390, one should take either of the two

DEPARTMENT OF PHYSICS

Bachelor of Science in Education

Common Courses

Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
First Year				
PH 127	Vibrations, Waves and Optics	12	1	Core
PH 116	Experimental Methods of Physics I	8	2	Core
PH 122	Classical Mechanics	8	1	Core
PH 128	Electromagnetism	12	2	Core
Second Year				
PH 217	Quantum Physics	12	2	Core
PH 247	Experimental Methods of Physics II	8	1	Core
PH 220	Statistical Thermodynamics	8	2	Core
PH 204	Mathematical Methods of Physics	12	1	Elective
PH 222	Advance Mechanics	8	1	Elective
PH 249	Fundamentals of Materials Science	8	2	Elective
Third Year				
PH 319	Fundamentals of Atmospheric Physics	8	1	Elective
PH 339	Electronics	12	1	Core
PH 346	Physics Project	8(4)	1	Core
PH 351	Physics of the Atom	12	2	Core
PH 346	Physics Project	8(4)	2	Core
PH 364	Earth-Atmosphere System	8	2	Elective
PH 334	Energy in the Environment	8	1	Elective
PH 312	Elementary Particles	8	1	Elective
PH 317	Fundamentals of Electrodynamics	8	1	Elective
PH 359	Astrophysics	8	2	Elective
PH 373	The Basics of NMR Spectroscopy	8	2	Elective
PH 332	Solid State Physics	8	2	Elective

Bachelor of Science in Meteorology

First Year

Code	Course Title	Credit	Semester	Status
PH 122	Classical Mechanics	8	1	Core
PH 127	Vibrations, Waves and Optics	12	1	Core
PH 128	Electromagnetism	12	2	Core
PH 129	Atmospheric Thermodynamics	12	2	Core
MT 100	Foundations of Analysis 3 Units	12	1	Core
MT 127	Linear Algebra	12	1	Core

Code	Course Title	Credit	Semester	Status
MT 120	Functions of a Single Variable	8	2	Core
MT 136	Ordinary Differential Equations	8	2	Core
MR 101	Introduction to Meteorology	12	1	Core
MR 102	Meteorological Instrumentation and Observations	12	2	Core
Second Year				
MT 114	Computer Programming	12	1	Core
MT 200	Calculus of Several Variables	12	1	Core
MT 233	Mathematical Statistics	12	1	Core
MT 346	Fluid Mechanics	12	2	Core
MT 226	Partial Differential Equations	8	1	Core
SC 215	Scientific Methods	8	1	Core
MR 201	Synoptic Meteorology	12	2	Core
MR 202	Climatology	12	2	Core
MR 203	Dynamic Meteorology	12	2	Core
MT 274	Numerical Analysis I	12	2	Core
MR 204	Physical Meteorology	12	2	Core
MR 210	Practical Training	12	2	Core
Third Year				
MR 306	Numerical Weather Prediction	12	1	Core
MR 302	Principles and Applications of Remote Sensing	12	1	Core
MR 303	Tropical Meteorology	8	1	Core
MR 301	Weather Analysis and Forecasting	12	1	Core
MR 305	Boundary-Layer and Micro-meteorology	12	1	Core
MR 308	Climate Monitoring and Prediction	12	1	Core
MR 307	Short-term Weather Prediction	12	2	Core
MR 314	Project in Meteorology	12	2	Core
MR 309	Mesoscale Meteorology	12	2	Core
MR 310	Climate Change	8	2	Core
MR 313	Air Pollution Meteorology	8	2	Core
MR 304	Maritime Meteorology	12	1	Elective
MR 308	Climate Monitoring and Prediction	12	1	Elective
MR 311	Aviation Meteorology	8	2	Elective
MR 312	Agricultural Meteorology	12	2	Elective

DEPARTMENT OF ZOOLOGY AND WILDLIFE CONSERVATION

Bachelor of Science in Wildlife Science and Conservation

Common Courses

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
First Year				
AC 102	Fundamentals of Accounting for Non business majors	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
BT 130	Evolutionary Botany	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
BL 111	Introduction to Cell Biology and Genetics	12	1	Core
WS 101	Ecology and Utilisation of Natural Resources	8	2	Core
CH 113	Chemistry for Life Sciences	12	2	Core
ZL 122	Chordate Zoology	8	2	Core
BL 113	Ecology I	8	2	Core
EC 116	Introductory Microeconomic Analysis	12	1	Elective
IS 131	Introduction to Informatics and Microcomputers	8	1	Elective
MC 100	Fundamentals of Microbiology	12	1	Elective
CL 107	Communication Skills for Science	12	2	Elective
ZL 124	Developmental Biology	8	2	Elective
Second Year				
ZL 215	Mammalian Biology	8	1	Core
ZL 210	Vertebrate Anatomy and Physiology I	8	1	Core
ZL 236	Introductory Entomology and Parasitology	12	1	Core
AQ 201	Aquatic Biology	8	1	Core
BL 215	Ecology II	12	1	Core
BT 225	Taxonomy of Higher Plants	12	1	Core
AQ 218	Aquatic Biology Field Course	4	1	Core
WS 200	Practical Training	8	1	Core
WS 202	Biology of Birds	8	2	Core
ZL 220	Vertebrate Anatomy and Physiology II	12	2	Core
WS 204	Community-based Conservation and Extension	8	2	Core
ZL 214	Herpetology	8	2	Core

Code	Course Title	Credits	Semester	Status
BL 234	Biostatistics I	12	2	Core
GE 251	Tourism and Leisure*	12	1	Elective
WS 203	Management of Wildlife in Captivity	8	2	Elective
ZL 207	Ichthyology	8	2	Elective
WS 205	Biogeography	8	2	Elective
SC 215	Scientific Methods	8	2	Elective
ZL 202	Macro-Evolution	12	2	Elective
Third Year				
WS 215	Range and Fire Ecology	12	1	Core
WS 301	Conservation Biology	8	1	Core
GE 245	Remote Sensing	12	1	Core
ZL 307	Animal Behaviour I	8	1	Core
BT 329	Plant Ecology and Phytogeography	12	1	Core
BM 100	Principles of Management and Administration	12	1	Core
WS 300	Practical Training II	8	1	Core
BL 390	Research Project	12	2	Core
WS 321	Analysis and Utilization of Wildlife Populations	12	2	Core
WS 308	Animal Behaviour II	8	2	Core
WS 309	Reproduction, Growth and Nutrition in Wild Mammals	8	2	Core
WS 314	Economics and Legislation for Wildlife Conservation	12	2	Core
WS 306	Wildlife Diseases	8	1	Elective
EC 375	Resource and Environmental Economics	8	1	Elective
ZL 336	Entomology	12	1	Elective
BL 313	Biological Impact Assessment	8	1	Elective
ZL 314	Environmental physiology	8	1	Elective
GE 352	Natural Resource Management	12	1	Elective
WS 310	Contemporary Topics in Wild Science and Conservation	8	2	Elective
ZL 338	Parasitology	12	2	Elective
BL 314	Biostatistics II**	8	2	Elective
WS 311	Tourism and Recreation Management**	8	2	Elective
GE 354	Environmental Assessment **	12	2	Elective

GE 251* and WS 311*, one should take either of the two
GE 354** and BL 313**, one should take either of the two

Bachelor of Science in Applied Zoology

Common Courses

Code	Course Title	Credit	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
First Year				
BL 111	Introductory Cell Biology and Genetics	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
MC 100	Fundamentals of Microbiology	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
BL 113	Ecology I	8	2	Core
BN 131	Biochemistry I	12	2	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
ZL 122	Chordate Zoology	8	2	Core
ZL 124	Developmental Biology	8	2	Core
ZL 200	Practical Training I	8	2	Core
CH 118	Basic Analytical and Physical Chemistry	12	1	Elective
PH 103	Radiation Biology	12	1	Elective
CH 111	Basic Analytical Chemistry	8	1	Elective
CL 107	Communication Skills for Science	12	2	Elective
WS 101	Ecology and Utilization of Natural resources	8	2	Elective
Second Year				
AQ 201	Aquatic Biology	8	1	Core
BL 215	Ecology II	12	1	Core
ZL 210	Vertebrate Anatomy and Physiology I	8	1	Core
ZL 215	Mammalian Biology	8	1	Core
ZL 236	Introductory Entomology and Parasitology	12	1	Core
BN 238	Biochemistry II*	12	1	Core
AQ 218	Aquatic Biology Field Course	4	1	Core
BL 234	Biostatistics I	12	1	Core
BL 210	Immunology for Life Sciences	12	2	Core
ZL 202	Macro-Evolution	12	2	Core
ZL 220	Vertebrate Anatomy and Physiology II	12	2	Core
ZL 229	Insect Physiology & Pathology**	8	2	Core
ZL 300	Practical Training II	8	2	Core
BN 240	Practicals in Biochemistry *	8	2	Core
CH 262	Analytical and Environmental Chemistry	12	1	Elective
ZL 206	Molluscan Biology	8	1	Elective
MC 234	Medical Bacteriology	12	1	Elective
ZL 207	Ichthyology	8	2	Elective

Code	Course Title			Status
PH 203	Radiation Biology	12	2	Elective
MC 236	Medical Mycology	12	2	Elective
SC 215	Scientific Methods	8	2	Elective
ZL 230	Introduction to Arachnology**	8	2	Elective
WS 202	Biology of Birds	8	2	Elective
*Core for Environmental Zoology Stream only ** Core for Entomology & Parasitology Stream only				

Third Year

Environmental Zoology Stream

Code	Course Title	Credit	Semester	Status
BL 303	Terrestrial Biology Field Course	4	2	Elective
ZL 307	Animal Behaviour I	8	1	Core
BL 331	Cell Biology and Molecular Genetics	12	1	Core
BL 313	Biological Impact Assessment	8	1	Core
ZL 314	Environmental Physiology	8	1	Core
BN 330	Environmental Biotechnology	12	1	Core
BL 390	Research Project	12	2	Core
ZL 318	Endocrinology & Reproductive Physiology	8	2	Core
ZL 339	Ecotoxicology	12	2	Core
ZL 302	Evolution	8	2	Core
ZL 300	Practical Training in Applied Zoology	8	2	Core
ZL 337	Molecular Physiology	12	1	Elective
ZL 319	Physiology of Sensory Organs	12	1	Elective
AF 314	Parasitology and Diseases in Fisheries**	8	1	Elective
WS 306	Wildlife Diseases**	2	1	Elective
ZL 324	Principles of Biosystematics	12	1	Elective
BM 100	Principles of Management and Administration	12	1	Elective
BN 234	Molecular Vilorogy	12	2	Elective
ZL 334	Insect Systematics	12	2	Elective
BL 314	Biostatistics II	8	2	Elective
BL 312	Advanced Genetics	8	2	Elective
MC 235	Microbial Ecology	12	2	Elective
ZL 315	Physiology of Nutrition*	8	2	Elective
ZL 317	Experimental Physiology*	8	2	Elective
ZL 325	Techniques of Cell and Molecular Biology	8	2	Elective
ZL 340	Economic Zoology	12	2	Elective
* Recommended for Environmental Zoology stream ** Recommended for Entomology & Parasitology stream				

	Entomology and Parasitology Stream			
BL 311	Cell Biology and Molecular Genetics	12	1	Core
ZL 336	Entomology	12	1	Core
ZL 332	Molecular Biology of Parasites	12	1	Core
ZL 331	Immunology of Parasitism	8	1	Core
ZL 333	Insect Ecology	12	2	Core
ZL 338	Parasitology	12	2	Core
BL 390	Research Project	12	2	Core
ZL 302	Evolution	8	2	Core
ZL 300	Practical Training in Applied Zoology	8	2	Core
BL 303	Terrestrial Biology Field Course	4	2	Elective
MC 331	Microbial Biotechnology	12	1	Elective
ZL 337	Molecular Physiology	12	1	Elective
ZL 319	Physiology of Sensory Organs	12	1	Elective
AF 314	Parasitology and Diseases in Fisheries	8	1	Elective
WS 306	Wildlife Diseases**	8	1	Elective
ZL 324	Principles of Biosystematics	12	1	Elective
BM 100	Principles of Management and Administration	12	1	Elective
BN 234	Molecular Vilorogy	12	2	Elective
ZL 334	Insect Systematics	12	2	Elective
BL 314	Biostatistics II	8	2	Elective
BL 312	Advanced Genetics	8	2	Elective
MK 301	Small Business Entrepreneurship	12	1	Elective
ZL 315	Physiology of Nutrition *	8	2	Elective
ZL 317	Experimental Physiology*	8	2	Elective
ZL 325	Techniques of Cell and Molecular Biology	8	2	Elective
ZL 340	Economic Zoology	12	2	Elective

* Recommended for Environmental Zoology stream
** Recommended for Entomology & Parasitology stream

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COLLEGE OF SOCIAL SCIENCES (CoSS)

INTRODUCTION

The College of Social Sciences consists of four departments, one Unit which are offering undergraduate and postgraduate programmes. The Departments include: Geography, Political Science and Public Administration, Sociology and Anthropology, and Statistics. The Information Studies Unit is under the Director of library but its academic functions are supervised by the College of Social Sciences. There is a Centre for Population Studies and Research which was a former Demographic Training Unit which is a multidisciplinary centre.

The College of Social Sciences operates a semester system of studies, in which the academic year is divided into two semesters. Each of its disciplines offers a variety of courses, including core courses that are compulsory to students in a particular degree programme and optional courses for complementing the degree programme. Each course is given a credit weighting according to the time devoted to it on the timetable.

DEGREE PROGRAMMES

The College of Social Sciences offers nine (9) degree programmes as listed in Table 1. Every degree programme is anchored to a department, which is the hosting or offering department, except for the BA with Education degree programme which is coordinated by the office of the Coordinator Undergraduate studies.

Table 1: Degree programmes in the College of Social Sciences

S/N	Degree Programme	Hosting Department
1.	BA in Geography and Environmental Studies (BAGES)	Geography
2.	BA in Political Sciences and Public Administration (PSPA)	Political Science and Public Administration
3.	BA in Sociology (BASO)	Sociology and Anthropology
4.	BA in Statistics (BAST)	Statistics
5.	BA in Library and Information Studies (BALIST)	Information Studies
6.	BA in Psychology	Sociology and Anthropology
7.	BA in Anthropology	Sociology and Anthropology
8.	Bachelor of Social Work	Sociology and Anthropology
9.	BA with Education (BAED CoSS-Unit)	Office of the Deputy Principal

Courses for any degree programme are classified as core, elective and college or University- wide as indicated in Table 2 and Table 3. All degree programmes must comply with the 60 credits as minimum and a maximum of 72 credits per semester.

Table 2: University wide course

Code	Title	Credits	Status	Offering unit
PL 111	Introduction to Critical Thinking and Argumentation	12	Core for all students	CoHU
CL 106	Communication Skills for Arts and Social Sciences	12	Core for all students	CoHU
DS 112	Development Perspectives I	12	Core for all students	IDS
DS 113	Development Perspectives II	12	Core for all students	IDS

Table 3: College wide course

Code	Title	Credit	Status	Offering Unit
AS 102	Introduction to Social Sciences Research Methods	12	Core for all except for Library and Information Studies degree programme	Department of Sociology
AS 103	Social Sciences Research Methods	12	Core for all except Library and Information Studies degree programme	Department of Sociology

GENERAL REGULATIONS

1.1 A student admitted to the College of Social Sciences shall be enrolled in one of the degree programmes listed in Table 1. Degree programmes in the College of Social Sciences shall be of a three-year duration.

1.2 In order to graduate from the College, a student must take and pass a minimum of 360 credits and a maximum of 432 credits.

1.3 Each student must take a minimum of 60 credits and a maximum of 72 credits per semester.

1.4 All first-year students shall register at the beginning of the first semester. Continuing students shall register at the end of the academic year for courses to be taken in the following year. Registration of courses shall be done through the Academic Registration Information System (ARIS).

1.5 The maximum allowable registration period at the College of Social Sciences is five years. Students must clear all courses within 5 years for 3-year programmes. Any student who has failed to clear any course at the maximum period shall be deemed to have failed the programme and will not be awarded a degree.

COLLEGE EXAMINATION REGULATIONS

2.1 All courses offered during a semester shall be examined at the end of that semester except where the Principal of the College gives permission otherwise.

2.2 Course grades will be based on the end of course examination that is coursework assessment and University Examination (UE). The University Examination shall constitute 60% of the total course assessment whereas course assessment shall constitute 40%, normally split as follows: 20% from tests and other assignments, 10% from seminar presentations and another 10% from seminar attendance and participation.

2.3 A student who obtains less than 16 marks in his/her coursework grade will be deemed to have failed the coursework, and will be barred from taking the examination in that course. Such a student who is so barred from taking the examination will be required to carry over the course, other regulations permitting.

2.4 Assessment of the student's progress shall be based on the following grading system:
   A: 70 – 100%
   B+: 60 – 69%
   B: 50 – 59%
   C: 40 – 49%
   D: 35 – 39%
   E: 0 – 34%

2.5 The pass mark in each of the course taken shall be "C". The mark for "absolute fail" shall be "E".

2.6 A student failing a course in any year shall be required to supplement provided the overall GPA is not less than 1.8.

2.7 Supplementary examination shall be marked out of 60% and the coursework marks (out of 40%) shall be added to the supplementary marks to give the student a "C", "D", or "F" grade. That means a course that has been supplemented shall be awarded a maximum of "C" grade.

2.8 Provided the overall GPA after supplementary examination is 2.0 or above, a student who fails supplementary examinations will be allowed to carry over flexibly into the subsequent academic years such number of failed courses as a requisite for the fulfilment of the requirement of passing a total minimum number of course credits for the programme in compliance with General Regulation 1.2.

(i) The carried-over course or courses must be taken in full, including all the coursework and it shall be assessed like a supplementary course with a grade of "C", "D", or "E". The maximum grade for a carried-over course shall be the minimum passing grade i.e. 'C'

(ii) The carried-over course or courses must be cleared within the maximum allowable registration period of five years.

2.9 Special examinations given at the time of supplementary examinations will be treated as first sitting and graded as such.

2.10 A student who for satisfactory reasons has not completed an important portion of his/her coursework shall be awarded an "I" ("Incomplete") grade.

(i) A student who has been awarded an "I" grade is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the College Board, any "I" grade not cleared at the time of the supplementary examinations will automatically become "E".

(ii) A student who has obtained an "E" grade due to Incomplete grade will be required to carry over the relevant course and shall be treated like any other carried-over course as per regulation 2.8 (i and ii).

2.11 A student shall be discontinued from studies at the University on academic grounds if either he/she attains an overall GPA of less than 1.8 outright (during first sitting), or he/she obtains a GPA of less than 2.0 after sitting for supplementary examinations.

3 Degree classification

(i) Courses shall be weighted by multiplying the final grade of a given course by the number of its course credits.

(ii) Course grades multiplied by the appropriate credits weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.

(iii) The degree classification shall be based on the 360 credits from the courses permitted under the degree programme.

(iv) The final Bachelor of Arts degree shall be graded as first class, upper second class, lower second class and pass as follows:

First Class	4.4 – 5.0
Upper Second	3.5 – 4.3
Lower Second	2.7 – 3.4
Pass	2.0 – 2.6

In each case, the average point shall be calculated on the basis of truncation after the first decimal point (e.g. 4.39 shall be taken as 4.3).

Practical Training Courses (PT) at the College of Social Sciences
Table 4 indicates Practical Training courses for various degree programmes. Some of the practical courses are carried out during the end of the first semester while others are carried out during the long-vocation.

Table: Practical Training Courses

SN	Course Code	Year	Duration	Degree programme
1.	GE 249	3rd	3 weeks	BA in Geography and Environment Studies
2.	ST 218	3rd	3 weeks	BA in Statistics
3.	AS 299	2nd	8 weeks	BA in Statistics BA in Geography and Environment Studies BA in Sociology Bachelor of Social Work BA in Anthropology BA in Psychology BA in Political Science and Public Administration BA in Library and Information Studies
4.	CT 102	1st	8 weeks	BA with Education
5.	CT 202	2nd	8 weeks	BA with Education

Objectives of Practical Training

The main objective of the training is to enable students to acquire work experience related to their studies in different working places in the country.

The specific objectives of the practical programme are:

a. To enable students, apply or learn the practical applications of the theory they learn at the University in solving real- life problems.
b. To minimize over-emphasis on theory and thus give some weight to practical work experience.
c. To give students ample opportunity to acquire appropriate work experience to complement academic training so that they will be to serve their communities better after graduation.
d. To allow institutions and users of our end products assess the quality and relevance of our graduates and guide the College on how best to improve our pedagogy.
e. To establish and maintain close contacts between employers and the College and between the College and the ministry responsible for offering particular knowledge and experience.

DEPARTMENT OF GEOGRAPHY

Bachelor of Arts in Geography and Environmental Studies

First Year
Semester I

Code	Course Title	Status	Credit
GE 140	Introduction to Physical Geography	Core	12
GE 142	Spatial Organization	Core	12
GE 145	Introduction to Environmental Education	Core	12
AS 102	Introduction to Social Science Research Methods	Core	12
DS 112	Development Perspectives 1	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
Total Credits			**72**

Code	Course Title	Status	Credit
Semester II			
GE 141	Climatology	Core	12
GE 143	Environmental Resources and Food Security	Core	12
GE 144	Surveying and Mapping Science	Core	12
AS 103	Social Science Research Methods	Core	12
DS 113	Development Perspectives II	Core	12
Total Credits			**68**
Second Year: Semester I			
GE 240	Soil Resources	Core	12
GE 242	Agricultural Systems and Location	Core	12
GE 244	Quantitative Techniques in Geography	Core	12
GE 250	Environmental Education and Conservation	Core	12
GE 251	Tourism and Leisure	Core	12
A student may select one course from the following:			
GE 243	Urban Systems	Elective	12
Total Credits			**72**
Semester II			
GE 241	Biogeography	Core	12
GE 245	Remote Sensing	Core	12
GE 246	Hydrometeorology	Core	12
GE 247	Population Studies	Core	12
AS 299	Practical Training (done during the long vacation)	Core	-
A student may select one or two courses from the following:			
GE 248	Transport Systems	Elective	12
GE 252	Medical Geography	Elective	12
Total Credits			**60**
Third Year: Semester I			
GE 340	Water Resources Management	Core	12
GE 343	Population and Development	Core	12
GE 352	Natural Resources Management	Core	12
GE 353	Geographical Information Systems	Core	12
GE 249	Research Methods in Geography	Core	12
GE 249	Research Methods in Geography (Field conducted during short vacation) *	Core	-
A student may select one or two courses from the following:			
GE 347	Urban Transport Planning and Management	Elective	12
GE 348	Disaster Management	Elective	12
GE 344	Regional Development Planning	Elective	12
GE 355	Geography of Economic Inequalities	Elective	12
GE 399	Dissertation++	Elective	24
Total Credits			**72**

Code	Course Title		Status	Credit
Semester II				
GE 350	Environmental Policy and Planning		Core	12
GE 351	Land Evaluation for Development Planning		Core	12
GE 354	Environmental Assessment		Core	12
A student may select one or two courses from the following:				
GE 342	Urban Planning and Management		Elective	12
GE 349	Contemporary Geography		Elective	12
GE 341	Agriculture and Rural Settlement		Elective	12
GE 346	Project Planning and Management		Elective	12
GE 345	Regional Development Planning in Tanzania		Elective	12
GE 399	Dissertation++		Elective	24
Total				**60**

DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

BA (Political Science and Public Administration)

First Year: Semester I

Code	Course title	Status	Credits
PS110	Introduction to Political Science I	Core	12
PS122	Political Thought I	Core	12*
DS112	Development Perspectives I	Core	12
AS102	Introduction to Social Science Research Methods I	Core	12
PL111	Introduction to Critical Thinking and Argumentation	Core	12
A student must choose only one course from the following			
PL100	Introduction to Philosophical Analysis	Elective	12
HI103	Capitalism and Imperialism in World History	Elective	12
EC116	Introductory Microeconomic Analysis I	Elective	12
EC117	Introductory Macroeconomic Analysis I	Elective	12
Total Credits			**68**
Semester II			
PS114	Political Thought II	Core	12*
PS113	Governments and Politics in Tanzania	Core	12
PS111	Introduction to Political Science II	Core	12
AS103	Introduction to Social Science Research Methods II	Core	12
DS113	Development Perspectives II	Core	12
CL106	Communication Skills for Arts and Social Sciences	Core	12
Total Credits			**72**

Second Year: Semester I

Specialization I: Public Administration

Code	Course title	Status	Credits
PS220	Organization Theory	Core	12
PS231	African Political Thought	Core	12
PS232	Contemporary Politics in East Africa	Core	12
PS233	Introduction to Public Policy	Core	12
PS235	African Politics	Core	12
A student may choose only one course from the following:			
HI265	Neo-colonialism and Revolutionary Movements	Elective	12
AS220	Pan-Africanism: Thought and Practice I	Elective	12
SO261	Social Planning and Administration	Elective	12
PL211	Theories of Social and Moral Philosophy	Elective	12
SO253	Quantitative Research Methods	Elective	12
Specialization II: International Relations			
PS220	Organization Theory	Core	12
PS222	International Relations I	Core	12
PS232	Contemporary Politics in East Africa	Core	12
PS233	Introduction to Public Policy	Core	12
PS235	African Politics	Core	12
Total Credits			**60**
A student may choose only one course from the following			
HI265	Neo-colonialism and Revolutionary Movements	Core	12
AS220	Pan-Africanism: Thought and Practice I	Core	12
SO261	Social Planning and Administration	Core	12
PL 211	Theories of Social and Moral Philosophy	Core	12
SO253	Quantitative Research Methods	Core	12
LL170	Advanced French I	Core	12
Specialization III: Politics			
PS220	Organization Theory	Core	12
PS231	African Political Thought	Core	12
PS233	Introduction to Public Policy	Core	12
PS235	African Politics	Core	12
PS222	International Relations I	Core	12
Total Credits			**60**
A student may choose only one course from the following			
HI265	Neo-colonialism and Revolutionary Movements	Elective	12
AS220	Pan-Africanism: Thought and Practice I	Elective	12
SO261	Social Planning and Administration	Elective	12
PL 211	Theories of Social and Moral Philosophy	Elective	12
SO253	Quantitative Research Methods	Elective	12

Code	Course title	Status	Credits
Semester II			
Specialization I: Public Administration			
PS236	Public Administration and Bureaucracies	Core	12
PS225	Local Government	Core	12
PS226	Legislature and Legislative Processes	Core	12
PS227	International Organisation	Core	12
PS234	International Political Economy	Core	12
Total			**60**
A student may choose one course from the following			
FN202	Introduction to Financial Management	Elective	12
AS221	Pan-Africanism: Thought and Practice II	Elective	12
DS216	Social Services Delivery and Development	Elective	12
HI 266	War and Warfare in World History	Elective	12
DS211	Entrepreneurship, SMEs and Development	Elective	12
SO282	Qualitative Research Methods	Elective	12
Total			**72**
Specialization II: International Relations			
PS223	International Relations II	Core	12
PS224	Comparative Political Systems: Developing Areas	Core	12
PS227	International Organisation	Core	12
PS229	Basic Concepts in International Law	Core	12
PS234	International Political Economy	Core	12
Total			**60**
A student may choose one course from the following:			
FN202	Introduction to Financial Management	Elective	12
AS221	Pan-Africanism: Thought and Practice II	Elective	12
DS212	Globalization and Development	Elective	12
HI 266	War and Warfare in World History	Elective	12
SO282	Qualitative Research Methods	Elective	12
LL 171	Advanced French II	Elective	12
Specialization III: Politics			
PS224	Comparative Political Systems: Developing Areas	Core	12
PS226	Legislature and Legislative Processes	Core	12
PS227	International Organisation	Core	12
PS234	International Political Economy	Core	12
PL212	Applied Philosophy and Development Ethics	Core	12
Total Credits			**60**
A student may choose one course from the following:			
FN202	Introduction to Financial Management	Elective	12
AS221	Pan-Africanism: Thought and Practice II	Elective	12
DS212	Globalization and Development	Elective	12
HI 266	War and Warfare in World History	Elective	12
SO282	Qualitative Research Methods	Elective	12
AS299	Practical Training (during long vacation)	Core	12

Code	Course title	Status	Credits
Third Year: Semester I			
Specialization I: Public Administration			
PS332	Theory and Politics of Development	Core	12
PS334	Human Rights: Theory and Practice	Core	12
PS337	Civil Society and the State	Core	12
PS361	Administrative Law	Core	12
PS352	Public Human Resource Management	Core	12*
Total Credits			**60**
A student may choose one course from the following			
PS344	Study of Selected Issues	Elective	12
EC370	Labour Economics and Human Resources	Elective	12
Specialization II: International Relations			
PS332	Theory and Politics of Development	Core	12
PS333	The Politics of North-South Relations	Core	12
PS345	Regional Integration	Core	12
PS337	Civil Society and the State	Core	12
PS350	African International Relations and Foreign Policy	Core	12
Total Credits			**60**
A student may choose one course from the following			
PS344	Study of Selected Issues	Elective	12
EC370	Labour Economics and Human Resources	Elective	12
LL270	Advanced French III	Elective	12
Specialization III: Politics			
PS332	Theory and Politics of Development	Core	12
PS333	The Politics of North-South Relations	Core	12
PS334	Human Rights: Theory and Practice	Core	12
PS337	Civil Society and the State	Core	12
PS361	Administrative Law	Core	12
A student may choose one course from the following:			
PS344	Study of Selected Issues	Elective	12
EC370	Labour Economics and Human Resources	Elective	12
Third Year: Semester II			
Specialization I: Public Administration			
PS314	Public Finance Management	Core	12*
PS335	Democracy: Theory and Practice	Core	12
PS341	Public Administration in Tanzania	Core	12
PS349	Organizational Management and Development	Core	12
A student must select one or two courses from the following:			
PL311	Professional and Civic Ethics	Elective	12
HR308	Industrial Relations and Labour Law	Elective	12
PS399	Dissertation++	Elective	24
Specialization II: International Relations			
PS335	Democracy: Theory and Practice	Core	12
PS342	Gender and Politics in Africa	Core	12
PS346	Issues in International Law	Core	12
PS347	Peace Making and Conflict Resolution	Core	12

Code	Course title	Status	Credits
A student must select one or two courses from the following:			
PL311	Processional and Civic Ethics	Elective	12
HR308	Industrial Relations and Labour Law	Elective	12
LL276	Functional French I	Elective	12
PS399	Dissertation++	Elective	24
Minimum Credits			**60**
Specialization III: Politics			
PS335	Democracy: Theory and Practice	Core	12
PS341	Public Administration in Tanzania	Core	12
PS342	Gender and Politics in Africa	Core	12
PS347	Peace Making and Conflict Resolution	Core	12
Astudent must select one or two courses from the following:			
PL311	Processional and Civic Ethics	Elective	12
HR308	Industrial Relations and Labour Law	Elective	12
PS399	Dissertation++	Elective	24
TotalCredits			**60**
++A student who is invited to register PS399 (Dissertation) which has 24 credits will have 72 credits. Total minimum number of (core) credits for BA (Political Science andPublic Administration): 376.			

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

B.A. (Sociology)

This unit offers a 3-year bachelor degree programme in Sociology: Bachelor of Arts in Sociology (BA Sociology). The programme aims at providing students with a solid background in the major areas of the Sociology discipline. Students in the programme will be required to take compulsory university wide courses in their first year. Students will then take core courses which are compulsory and Elective courses in Sociology or other related fields. The program requires that students take at least 60 credits and at most 72 credits per semester. The compulsory second year Practical Training (PT CoSS) which is taken during the long vocation for 8 weeks is not included in the minimum/maximum count of credits.

B.A. (Sociology) is delivered in four main specializations:
- Specialization I: Health and Population Studies;
- Specialization II: Social Policy and Administration,
- Specialization III: Community Development and
- Specialization IV: Labor and Industrial Relations.

.

First Year: Semester I

Code	Course title	Status		Credits
SO116	Introduction to Sociology	Core		12
AT100	Introduction to Anthropology	Core		12
AS102	Introduction to Social Science Research Methods	Core		12
PL111	Introduction to Critical Thinking and Argumentation	Core		12
DS112	Development Perspectives I	Core		12
CL106	Communication Skills for Arts and Social Sciences	Core		12
Total required credits				**72**

Code	Course title	Status		Credits
First Year: Semester II				
SO110	Introduction to Classical Sociological Theories	Core		12
SO115	Introduction to Culture and Society	Core		12
SO118	Introduction to Cultural Anthropology	Core		12
AS103	Introduction to Quantitative Research Methods	Core		12
SO113	Social Structure of Tanzanian Society	Core		12
DS113	Development Perspectives II	Core		12
Total required credits				**72**
Second Year: Semester I				
Specialization I: Health and Population Studies				
SO250	Classical Sociological Theories	Core		12
SO266	Anthropological Perspectives	Core		12
SO253	Quantitative Research Methods	Core		12
SO264	Introduction to Medical Sociology	Core		12
SO258	Family and Gender Relations: A Historical Perspective	Core		12
HI 270	Health Disease and Healing in the 19th and 20th Centuries in Africa	Elective		12*
AS220	Pan-Africanism: Thought and Practice I	Elective		12*
Total required credits Minimum = 60 [Maximum = 72]				
Specialization 2: Social Policy and Administration				
SO250	Classical Sociological Theories	Core		12
SO266	Anthropological Perspectives	Core		12
SO253	Quantitative Research Methods	Core		12
SO268	Introduction to Social Work	Core		12
SO261	Introduction to Social Policy	Core		12
SO254	Sociology of Organization	Elective		12*
AS220	Pan-Africanism: Thought and Practice I	Elective		12*
PS236	Public Administration and Bureaucracies	Elective		12*
Total required credits Minimum = 60 [Maximum = 72]				
Specialization 3: Community Development				
SO250	Classical Sociological Theories	Core		12
SO266	Anthropological Perspectives	Core		12
SO253	Quantitative Research Methods	Core		12
SO256	Rural Sociology	Core		12
SO279	Introduction to Community Development	Core		12
SO276	Introduction to Urban Sociology	Elective		12*
AS220	Pan-Africanism: Thought and Practice I	Elective		12*
SO260	Social Planning and Administration	Elective		12*
Total required credits Minimum = 60 [Maximum=72]				
Specialization 4: Labour and Industrial Relations				
SO250	Classical Sociological Theories	Core		12
SO266	Anthropological Perspectives	Core		12
SO253	Quantitative Research Methods	Core		12
SO254	Sociology of Introduction to Urban Sociology Organization	Core		12

Code	Course title	Status		Credits
SO267	Introduction to Industrial Relations and Labour Legislation	Core		12
SO268	Introduction to Social Work	Elective		12*
AS220	Pan-Africanism: Thought and Practice I	Elective		12*
DS226	Industrialization and Development	Elective		12*
DS 301	Rural Development	Elective		12*
Total required credits Minimum = 60 [Maximum= 72]				
Semester II				
Specialization 1: Health and Population Studies				
SO251	Contemporary Sociological Theories	Core	II	12
SO284	Qualitative Research Methods	Core	II	12
SO280	Introduction to Social Psychology	Core	II	12
SO265	Sociological Dimensions of Population Studies	Core	II	12
SO285	Introduction to Sociology of Sexuality	Core	II	12
SO277	Process of Urbanization in the Third World	Elective		12*
AS221	Pan-Africanism: Thought and Practice	Elective		12*
AS299	Practical Training (during long vacation)	Core		-
Total credits required Minimum = 60 [Maximum= 72]				
Specialization 2: Social Policy and Administration				
SO251	Contemporary Sociological Theories	Core		12
SO284	Qualitative Research Methods	Core		12
SO261	Social Planning and Administration	Core		12
SO273	Social Policy Analysis	Core		12
WK 201	Social Work with Groups and Organizations	Core		12
PT CoSS	Practical Training (FASS)	Core		-
AS299	Practical Training (during long vacation)	Elective		12*
DS 227	Development Policy Analysis	Elective		12*
DS110	Poverty Reduction Strategies	Elective		12*
Total required credits Minimum = 60 [Mazimum 72]				
Specialization 3: Community Development				
SO251	Contemporary Sociological Theories	Core		12
SO284	Qualitative Research Methods	Core		12
SO257	Sociology of Rural Development	Core		12
SO277	Process of Urbanization in The Third World	Core		12
SO260	Social Planning and Administration	Core		12
DS 110	Poverty Reduction Strategies	Elective		12*
AS 221	Pan-African Thought and Practice II	Elective		12*
AS299	Practical Training (during long vacation)	Core		-
Total Credits Minimum = 60 [Maximum 72]				
Specialization 4: Labour and Industrial Relations				
SO251	Contemporary Sociological Theories	Core		12
SO284	Qualitative Research Methods	Core		12
SO271	Labour Administration	Core		12
SO270	Sociology of Work and Industry	Core		12
SO274	Trade Unionism	Core		12
PS 236	Public Administration and Bureaucracies	Elective		12*

Code	Course title	Status		Credits
AS 221	Pan-African Thought and Pratcice	Elective		12*
AS299	Practical Training (during long vacation)	Core		-
Total required credits: Minimum = 60 [Maximum credits 72]				
Third Year: Semester I				
Specialization I: Health and Population Studies				
SO370	Sociology of Development	Core	12	12
SO398	Anthropology of Development	Core	12	12
SO393	Society, Culture and Health	Core	12	12
SO346	Social Problems of Urbanization	Core	12	12
WK301	Social Work and Social Development	Core	12	12
GE 343	Population and Development	Elective	12*	12*
SO 399	Dissertation++	Elective	24*	12*
Total required credits Minimum = 60 [Maximum = 72] **Specialization 2: Social Policy and Administration**				
SO370	Sociology of Development	Core	12	12
SO398	Anthropology of Development	Core	12	12
SO380	Social Work Methods	Core	12	12
SO391	Social Security and Policy Schemes	Core	12	12
SO397	Community Development Theory and Practice	Core	12	12
WK 301	Social Work and Social Development	Elective	12*	-
GE 343	Population and Development	Elective	12*	12*
SO 399	Dissertation++	Elective	24*	12*
Total required credits Minimum = 60 [Maximum = 72] **Specialization 3: Community Development**				
SO370	Sociology of Development	Core		12
SO398	Anthropology of Development	Core		12*
SO396	Rural Cooperation in Tanzania	Core		12
SO397	Community Development Theory and Practice	Core		12
SO380	Social Work Methods	Core		12
PL311	Professional and Civic Ethics	Elective		12*
SO391	Social Security and Policy Schemes	Elective		12*
DO399	Dissertation++	Elective		24*
Total required credits Minimum = 60 [Maximum = 72] **Specialization 4: Labour and Industrial Relations**				
SO370	Sociology of Development	Core		12
SO398	Anthropology of Development	Core		12*
SO374	Industrial Relations in Tanzania	Core		12
SO379	Theories of Industrial Democracy and Worker's Par-ticipation	Core		12
SO391	Social Security and Policy Schemes	Core		12
PL311	Professional and Civic Ethics	Elective		12*

Code	Course title	Status		Credits
PS349	Organization and Management Development	Elective		12*
SO399	Dissertation++	Elective		24*
Total required credits Minimum = 60 [Maximum = 72] **Semester II**				
	Specialization I: Health and Population Studies			
SO371	Contemporary Social Change and Culture	Core		12
SO372	Foundation of Sociology of Knowledge	Core		12
SO392	Population and Reproductive Health	Core		12
SO384	Occupational Health and Safety	Core		12
SO312	Guidance and Counselling	Elective		12*
WK309	Social Work and Community Health	Elective		12*
SO395	Anthropological Analysis of East African Populations	Elective		12*
SO399	Dissertation++	Elective		24*
Total required credits Minimum = 60 [Maximum = 72] **Specialization 2: Social Policy and Administration**				
SO371	Contemporary Social Change and Culture	Core		12
SO372	Foundation of Sociology of Knowledge	Core		12
SO384	Occupational Health and Safety	Core		12
WK307	Management of Social Welfare Organizations	Core		12
SO312	Guidance and Counselling	Elective		12*
HR303	Managerial Skills Seminar	Elective		12*
PS351	Legislatures and Legislative Processes	Elective		12*
SO399	Dissertation++	Elective		24*
Total required credits Minimum = 60 [Maximum 72]				
	Specialization 3: Community Development			
SO371	Contemporary Social Change and Culture	Core		12
SO372	Foundation of Sociology of Knowledge	Core		12
SO395	Anthropological Analysis of East African Populations	Core		12
SO312	Guidance and Counselling	Core		12
SO395	Anthropological Analysis of East African Populations	Elective		12*
SO378	Sociology of Religion	Elective		12*
SO399	Dissertation ++	Elective		24*
Total required credits Minimum = 60 [Maximum = 72]				
	Specialization 4: Labour and Industrial Relations			
SO371	Contemporary Social Change and Culture	Core		12
SO372	Foundation of Sociology of Knowledge	Core		12
SO382	Collective Bargaining and Dispute Settlement	Core		12
SO384	Occupational Health and Safety	Core		12
SO 395	Anthropological Analysis of East African Populations	Elective		12*
EC 370	Labour Economic and Human Resources	Elective		12*
SO 399	Dissertation ++	Elective		24*

	Total required credits Minimum = 60 [Maximum = 72]		
	Electives* - Students may choose an elective option to meet the required minimum of Semester credits **++A student who is invited to register for SO399 (Dissertation) which has 24 credits will have 72 credits Total minimum number of credits required for BA (Sociology) programme is 384.**		

ANTHROPOLOGY UNIT

Bachelor of Arts in Anthropology

This unit offers a 3-year bachelor degree programme in Anthropology (Bachelor of Arts in Anthropology (BA Anth). The programme aims at providing students with a solid background in the major areas of the anthropology discipline. Students in the programme will be required to take compulsory university wide courses in their first year. Students will then take core courses which are compulsory and Elective courses in anthropology or other related fields. The program requires that students take at least 60 credits and at most 72 credits per semester. The compulsory second year Practical Training (PT CoSS) which is taken during the long vocation for 8 weeks is not included in the minimum/maximum count of credits.

First Year: Semester I

Code	Course Title	Status	Semester	Credits
AT100	Introduction to Anthropology	Core	I	12
AT 101	Introduction to Anthropological Methods	Core	I	12
AT102	Introduction to Kinship, Sex and Gender	Core	I	12
AS102	Introduction to Social Science Research Methods	Core	1	12
PL111	Introduction to Critical Thinking and Argumentation	Core	1	12
DS 112	Development perspectives I	Core	1	12
Total required credits				**72**
Semester II				
AT110	Introduction to Anthropological Theories	Core	II	12
SO115	Introduction to Culture and Society	Core	II	12
SO118	Introduction to Cultural Anthropology	Core	II	12
CL 106	Communication Skills for Arts and Social Sciences	Core	II	12
DS 113	Development Perspectives II	Core	II	12
AS 103	Introduction to Quantitative Research Methods	Core	II	12
Total required credits				**72**
Second Year				
Specialization One: The Anthropology of Health				
Semester I				
AT200	Advanced Anthropological Theories	Core	I	12
AT201	Ethnography as a Research Method and Text	Core	I	12

Code	Course Title	Status	Semester	Credits
AT202	Introduction to Medical anthropology	Core	I	12
AT203	The Anthropology of Epidemiology	Core	I	12
SO 253	Quantitative Research Methods	Core	I	12
SO 266	Anthropological Perspectives	Core	I	12
Total required credits				**72**
Semester II				
AT220	Urban Health	Core	II	12
AT205	Introduction to Gender and Anthropology	Core	II	12
SO284	Qualitative research	Core	II	12
AT221	Introduction to Gerontology	Core	II	12
AT 224	Sexuality and Reproductive health	Core	II	12
AT222	The Anthropology of Hunger and Malnutrition in East Africa	Elective	II	12*
AT223	Anthropology of Religion	Elective	II	12*
AS299	Practical Training (during long vacation)	Core	II	-
Total required credits Minimum 60 [Maximum 72]				
Specialization Two: Society and Environment				
Code	Course Title	Status	Semester	Credits
AT200	Advanced Anthropological Theories	Core	I	12
AT 201	Ethnography as a Research Method and Text	Core	I	12
AT 225	Cultural Ecology	Core	I	12
AT 226	Introduction to Environmental Anthropology	Core	I	12
AT 227	Land Tenure and Water Tenure in East Africa	Elective	I	12*
AT 228	Mining and Conflict in East Africa	Elective	I	12*
AT 229	People, The Environment and Development	Elective	1	12*
Total required credits Minimum 60 [Maximum 72]				
Semester II.				**60**
AT230	Environmental Resource Use and Management	Core	II	12
AT231	Environment, Social Monitoring and Assessment	Core	II	12
SO284	Qualitative Research	Core	II	12
AT 205	Introduction to Gender and Anthropology	Core	II	12
AS299	Practical Training (during long vacation)	Core	II	-
AT232	Horticultural and Peasant Communities in East Africa	Elective	II	12*
AT233	Urbanization in East Africa	Elective	II	12*
AT220	Urban Health	Elective	II	12*
Total credits Minimum 60 [Maximum 72]				
Specialization 3: Political Anthropology				

Code	Course Title	Status	Semester	Credits
AT200	Advanced Anthropological Theories	Core	I	12
AT234	Ethnography as a Research Method and text	Core	I	12
AT235	Introduction to Political Anthropology	Core	I	12
AT236	Ethnicity, Identity and Politics	Core	I	12
AT241	Culture and Politics in East Africa	Core	I	12
AT237	Conflict and Religion in East Africa	Elective	I	12*
AT238	Pre-Industrial and Colonial Wars	Elective	I	12*
AT239	The Matrilineal Peoples of South Eastern Tanzania	Elective	I	12*
Total credits Minimum 60 [Maximum 72]				
Semester II				
AT240	The New Social movements in Urban Areas	Core	II	12
AT223	Anthropology of Religion	Core	II	12
AT233	Urbanization in East Africa	Core	II	12
AS299	Practical Training (during long vacation)	Core	II	-
AT205	Introduction to Gender and Development	Elective	II	12*
AY201	Human Adaptations, Variations and Growth	Elective	II	12*
AT243	Introduction to Linguistic Anthropology	Elective	II	12*
Total required credits Minimum 60 [Maximum 72]				
Third Year				
Specialization One: The Anthropology of Health				
SO398	Anthropology of Development	Core	I	12
AT301	Ageing, Health and Care	Core	I	12
AT300	Ethnographic Research and Writing	Core	I	12
SO393	Society, Culture and Health	Core	I	12
SO397	Community Development Theory and Practices	Core	I	12
SO 346	Social Problems of Urbanization	Elective	I	12*
Total required credits Minimum - 60 [Maximum – 72]				
Semester II				
AT320	Global Health from an Anthropological Perspectives	Core	II	12
SO 392	Population and Reproductive Health	Core	II	12
AT321	Emerging Social Problems	Core	II	12
SO384	Occupation, Health and Safety	Core	II	12
AT323	The Anthropology of Poverty in East Africa	Elective	II	12*
AT324	Children and Youth in Contemporary Ethnography	Elective	II	12*
AT399	Dissertation++	Elective	II	24*
Total required credits Minimum 60 [Maximum 72]				
Specialization Two: Society and Environment				

Code	Course Title	Status	Semester	Credits
Semester I				
SO398	Anthropology of Development	Core	I	12
AT300	Ethnographic Research and Writing	Core	I	12
AT302	Political Ecology	Core	I	12
AT399	Dissertation	Elective	I	12*
SO346	Social Problems and Urbanization	Elective	I	12*
AT303	Primate Evolution	Elective	I	12*
GE 330	Environmental Assessment and Management	Elective	1	12*
Total required credits Minimum 60 [Maximum 72]				
Semester II				
AT325	Emerging Social Problems	Core	II	12
SO 385	Human Ecology	Core	II	12
SO395	Anthropological Aspects of East African Population	Core	II	12
AT329	The Anthropology of Fishing Communities	Elective	II	12*
AT327	Hunters and Gatherers in East Africa	Elective	II	12*
AT323	Anthropology of Poverty in East Africa	Elective	II	12*
AT399	Dissertation++	Elective	II	24*
Total required credits Minimum 60 [Maximum 72]				
Specialization Three: Political Anthropology				
Semester I				
SO398	Anthropology of Development	Core	I	12
AT300	Ethnographic Research and Writing	Core	I	12
AT304	Migration and the Diaspora	Core	I	12
AT399	Dissertation	Core	I	12
SO397	Community Development Theory and Practices	Elective	I	12*
AT303	Primate Evolution	Elective	I	12*
SO396	Rural Cooperation in Tanzania	Elective	I	12*
Total required credits Minimum 60 [Maximum 72]				
Semester II				
AT325	Emerging Social Problems	Core	II	12
SO395	Anthropological Aspects of East African Population	Core	II	12
AT306	People and Cultures in Africa	Core	II	12
AT 323	Anthropology of Poverty in East Africa	Core	II	12
AT327	Hunters and Gatherers in East Africa	Elective	II	12*
AT329	The Anthropology of Fishing Communities	Elective	II	12*
AT399	Dissertation++	Elective	II	24*

Code	Course Title		Status	Semester	Credits
Total required credits Minimum 60 [Maximum 72]					
Electives* - Students may choose an elective to meet the required minimum of Semester credits **++A student who is invited to register for AT399 (Dissertation) which has 24 credits will have 72 credits,** **Total minimum number of credits required for BA (Anthropology) programme is 384.**					

SOCIAL WORK UNIT

Bachelor of Social Work (BSW)

This unit offers a 3-year bachelor degree programme in Social Work (Bachelor of Social Work). The programme aims at providing students with a solid background in the major areas of the Social Work discipline. Students in the programme will be required to take compulsory university wide courses in their first year. Students will then take core courses which are compulsory and Elective courses in social work or other related fields. The program requires that students take at least 60 credits and at most 72 credits per semester. The compulsory second year Practical Training (PT CoSS) which is taken during the long vocation for 8 weeks is not included in the minimum/maximum count of credits.

Code	Course Title	Status	Credits
First Year: Semester 1			
DS112	Development Perspectives I	Core	12
CL106	Communication Skills for Arts and Social Sciences	Core	12
AS102	Introduction to Social Science Research I	Core	12
SO102	Introduction to Sociology	Core	12
WK101	Introduction to Social Work	Core	12
WK102	Field Practice Methods	Core	12
Total required credits			**72**
First Year: Semester II			
WK111	Social Welfare Policies and Services	Core	12
WK112	Generalist Social Work	Core	12
WK113	Social Work with Individuals and Families	Core	12
WK114	Psychology for Social Workers	Core	12
AS103	Social Science Research Methods II	Core	12
DS113	Development Perspectives II	Core	12
Total required credits			**72**
Second Year: Semester I			
WK201	Social Work with Groups and Organizations	Core	12
WK202	Social Work with Communities	Core	12
WK203	Social Work and the Law	Core	12
WK204	Integrated Field Practice Methods	Core	12
WK205	Social Work Research Methods	Core	12

Code	Course Title	Status	Credits
WK216	Social Policy	Core	12
Total required credits			**72**
Semester II			
WK211	Ethics in Social Work Practice	Core	12
WK212	Social Security and Protection Systems	Core	12
WK213	Social Planning and Administration	Core	12
WK214	Social Work with People with Special Needs	Core	12
WK215	Social Policy Analysis	Core	12
WK206	Guidance and Counselling	Core	12
AS299	Practical Training (during long vacation)	Core	12
Total required credits			**72**
Third Year: Semester I			
WK301	Social Work and Social Development	Core	12
AC102	Fundamentals of Accounting for Non-Business majors	Core	12
WK303	Social Work Practice in Emergency Situations	Core	12
WK304	Child and Family Welfare	Core	12
WK305	Human Behaviour and Social Environment	Core	12
WK306	Individual and Social Pathology	Core	12
Total required credits			**72**
Semester II			
WK307	Management of Social Welfare Organizations	Core	12
AC102	Fundamentals of Accounting for Non-Business Majors	Core	12
WK309	Social Work and Community Health	Core	12
WK362	Aging in a comparative Perspective	Core	12
WK399	Social Work Research Project	Core	24
Total required credits			**72**
++Each student is required to register for WK399 (SW Research Project) which has 24 credits. Total number of credits required for Bachelor in Social Work programme is 432.			

PSYCHOLOGY UNIT

This unit offers a 3-year bachelor degree programme in Psychology (Bachelor of Arts in Psychology (BA PSYC). The programme aims at providing students with a solid background in the major areas of the psychology discipline. Students in the programme will be required to take compulsory university wide courses in their first year. Students will then take core courses, which are compulsory and Elective courses in psychology or other related fields. The program requires that students take at least 60 credits and at most 72 credits per semester. The compulsory second year Practical Training (PT CoSS) which is taken during the long vocation for 8 weeks is not included in the minimum/maximum count of credits.

Bachelor of Arts in Psychology (BAPSYC)

First Year

Semester I

Code	Course Title	Status	Credits
PL111	Introduction to Critical Thinking and Argumentation	Core	12
DS112	Development Perspectives I	Core	12
AS102	Introduction to Social Science Research Methods	Core	12
PY100	Introduction to General Psychology I	Core	12
PY102	Developmental Psychology I: Childhood	Core	12
PY106	Introduction to Social Psychology I	Core	12
Total required credits			**72**
Semester II			
CL106	Communication Skills for Arts and Social Sciences	Core	12
DS113	Development Perspectives II	Core	12
AS103	Social Science Research Methods II	Core	12
PY101	Introduction to General Psychology II	Core	12
PY103	Learning and Behavioural Psychology	Core	12
PY104	Introduction to Counselling and psychotherapy	Core	12
Total required credits			**72**
Second Year: Semester I			
PY200	Developmental Psychology II: Adolescence	Core	12
PY202	Psychology of Exceptional Children	Core	12
PY203	Introduction to Personality Psychology	Core	12
PY205	Practical Skills for Counselling and Psychotherapy	Core	12
PY208	Abnormal Psychology	Core	12
WK203	Social Work and the Law	Core	12
Total required credits credits			**72**
Semester II			
PY201	Cognitive Psychology	Core	12
PY204	Introduction to Social Psychology II	Core	12
PY206	Health Psychology	Core	12
PY207	Work/Organizational Psychology	Core	12
PY210	Counselling Practicum	Core	12
PY209	Career Guidance and Counselling	Core	12
AS299	Practical Training (during long vacation)	Core	12
Total required credits credits			**72**
Third Year: Semester I			
PY300	Research Methods in Psychology	Core	12
PY301	Community Psychology	Core	12
PY302	Psychological testing and Assessment	Core	12
PY303	Statistics and Data Analysis in Psychology	Core	12
WK301	Social Work and Social Development	Elective	12*
EP305	Introduction to Gender Psychology	Elective	12*
EP 320	Early childhood screening and Assessment	Elective	12*
Total required credits credits			**72**

Code	Course Title	Status	Credits
Semester II			
PY304	Principles of Writing in Psychology	Core	12
PY305	Final Psychology Research Project	Core	24
PY309	Contemporary Issues in Counselling and Psychotherapy	Core	12
AE 301	Human Rights Educatiion	Elective	12*
SO392	Population and Reproductive Health	Elective	12*
EP 323	Childhood Development, Health and Nutrition	Elective	12*
PY 399	Dissertation++	Elective	24*
Total required credits			**72**
Electives* - Students will choose an elective to meet the required minimum of Semester credits. Total number of credits required for Bachelor of Arts in Psychology programme is 432.			

DEPARTMENT OF STATISTICS

A. Statistics

First Year: Semester I

Code	Course title	Status	Credits
ST113	Basic Statistics	Core	12
ST121	Analytical Calculus	Core	12
CL106	Communication Skills for Arts and Social Science	Core	12
DS112	Development Perspectives I	Core	12
PL111	Introduction to Critical Thinking and Argumentation	Core	12
A Student should choose one of the following courses			
AC100	Principles of Accounting I	Elective	12
EC116	Introductory Microeconomic Analysis I	Elective	12
EC117	Introductory Macroeconomic Analysis I	Elective	12
Minimum required credits			**72**
Semester II			
ST114	Probability Theory I	Core	12
ST118	Time Series and Index Numbers	Core	12
ST119	Operations Research I	Core	12
ST122	Linear Algebra with Application	Core	12
DS113	Development Perspectives II	Core	12
A Student should choose one of the following courses:			
AC101	Principles of Accounting II	Elective	12
EC126	Introductory Microeconomic Analysis II	Elective	12
EC127	Introductory Macroeconomics Analysis II	Elective	12
Minimum required credits			**72**
Second Year: Semester I			
ST210	Probability Distributions I	Core	12
ST212	Statistical Inference I	Core	12
ST215	Differential and Difference Equations	Core	12
ST220	Basic Demography Models	Core	12
ST222	Operations Research II	Core	12
A Student may choose one of the following courses			
EC216	Intermediate Microeconomic Analysis I	Elective	12

Code	Course title	Status	Credits
EC217	Intermediate Macroeconomic Analysis I	Elective	12
AS220	Pan-Africanism: Thought and Practice I	Elective	12
Minimum required credits			**60**
Semester II			
ST211	Probability Distribution II	Core	12
ST219	Applied Statistics II	Core	12
ST223	Non-parametric Statistics	Core	12
ST321	Regression Analysis	Core	12
A Student may choose one of the following courses			
ST221	Population Dynamics	Elective	12
EC226	Intermediate Microeconomic Analysis II	Elective	12
EC227	Intermediate Macroeconomic Analysis II	Elective	12
AS221	Pan-Africanism: Thought and Practice II	Elective	12
AS299	Practical Training (done during the long vacation)	Core	-
Minimum required credits			**60**
Third Year: Semester I			
ST310	Statistical Inference II	Core	12
ST316	Statistical Quality Control	Core	12
ST317	Statistical Methods of Econometrics	Core	12
ST319	Design &Analysis of Experiments	Core	12
ST218	Applied Statistics I	Core	12
A Student may choose one of the following courses:			
EC366	Economic Policy Planning and Programming I	Elective	12
EC374	Applied Quantitative Methods	Elective	12
ST326	Survival Models	Elective	12
ST327	Actuarial Modelling	Elective	12
Minimum required credits			**60**
Semester II			
ST311	Multivariate Normal Distribution	Core	12
ST312	Stochastic Processes	Core	12
ST318	Sampling Theory &Methodology	Core	12
ST324	Linear Models	Core	12
A Student may choose one of the following courses			
ST313	Non-linear Programming	Elective	12
EC384	Applied Econometrics	Elective	12
ST325	Mathematical Demography	Elective	12
Minimum required credits			**60**
Total BA (Statistics) programme minimum number of (core) credits: 376.			

POPULATION STUDIES AND RESEARCH CENTRE (PSRC)

The Centre offers postgraduate studies only.

INFORMATION STUDIES UNIT

Bachelor of Arts in Library and Information Studies (BALIS)

First Year: Semester I

Code	Course Title	Status	Credits
LS 100	Introduction n to Library and Information Studies	Core	12
LS 101	ICT and Its Applications I	Core	12
LS 102	Information Literacy Skills	Core	12
LS 103	Library Operations	Core	12
CL 100	Communication Skills for Arts and Social Sciences	Core	8
DS 112	Development Perspectives I	Core	12
Total Credits			**64**
Semester II			
DS 113	Development Perspectives II	Core	12
LS 104	Information Resources and Services	Core	12
LS 105	ICT and its Applications II	Core	12
LS 106	Principles of Organisation of Knowledge	Core	12
LS 107	Information and Society	Core	8
LS 108	Customer Care	Core	8
LS 109	Practical Training		
Total Credits			**64**
Second Year: Semester I			
LS 200	Information and Communication Theory	Core	12
LS 201	Organization of Knowledge I	Core	12
LS 202	Collection Development and Management	Core	12
LS 203	Qualitative Research Methods in Information Science	Core	12
LS 204	Records Management and Archives Administration I	Core	12
	Selected Elective Course	Elective	8/12
Total Credits			**68/72**
Semester II			
LS 205	Organization of Knowledge II: Classification	Core	12
LS 206	Systems Analysis, Design and Evaluation	Core	12
LS 207	Records Management and Archives Administration II	Core	12
LS 208	Quantitative Research Methods in Information Science	Core	12
LS 209	Marketing of Library and Information Services	Core	12
	Selected Elective Course	Elective	8/12
AS299	Practical Training (during long vacation)	Core	0
Total Credits			**68/72**
A student may choose at least one course from the following courses			
MK 101	Principle of Marketing	Elective	12

Code	Course Title	Status	Credits
FP 112	Fundamentals of Graphic Design	Elective	12
PL 111	Introduction to Critical Thinking and Argumentation	Elective	12
FP 131	Fundamentals of Print Making	Electivesl	12
IS 258	PC Maintenance	Elective	8
LS 210	Digital Libraries	Elective	8
CT 201	Educational Media and Technology	Elective	12
LS 211	Networking	Elective	8
LS 212	Information Services to Users with Special Needs	Elective	8

Third Year: Semester I

Code	Course Title	Status	Credits
LS 300	Website Designing for Libraries	Core	12
LS 301	Database Management Systems	Core	12
LS 302	Management of Libraries and Information Centres	Core	12
LS 303	Organization of Knowledge III	Core	12
LS 304	Legal and Professional Ethics	Core	
	Selected Elective Course	Elective	12
			8/12
			68/72

Semester II

Code	Course Title	Status	Credits
LS 305	Information User Studies	Core	12
LS 306	Multimedia Librarianship	Core	12
LS 307	Knowledge Management	Core	12
LS 308	Management of Electronic Resources	Core	12
LS 309	Independent Study	Core	12
	Selected Elective Course	Elective	8/12
			68/72

A student may choose at least one course from the following courses

Code	Course Title	Status	Credits
JO 210	Editing, Layout and Graphics	Elective	12
LS 310	Automation of Library and Information Systems	Elective	8
LS 311	Preservation and Conservation of Library Resources	Elective	8
LS 312	Public Librarianship	Elective	8
GE 353	Geographical Information System	Elective	12
IS 334	Organization and Management of Information	Elective	8
MK 301	Entrepreneurship	Elective	8
MK 326	Marketing of Services	Elective	8
AY 303	Introduction to Museum Studies	Elective	8
CO 305	New Media Technologies	Elective	8

Bachelor of Arts in Education

1. Students taking BAEd are required to take two Teaching Subjects (content) offered by the College of Social Sciences and Education courses offered by the School of Education. Possible BAED combinations are:
   (i) Geography and Economics
   (ii) Geography and Political Science
   (iii) Geography and Kiswahili
   (iv) Political Science and Public Administration and Kiswahili
   (v) History and Political Science and Public Administration
   (vi) Economics and Accountancy

2. Compulsory University/College-wide courses For BAEd students the following are compulsory /college-wide courses:

DS112 Development Perspectives I	12 credits
DS113 Development Perspectives II	12 credits
CL106 Communications Skills	12 credits

   BAEd students are exempted from all other college-wide courses taken by CoSS students.

3. The School of Education offers two teaching method courses: CT 106 for those taking language subjects such as English, French or Kiswahili and CT 107 for those taking non-language subjects such as Geography, Political Science and Public Administration, Economics and Accountancy.

4. The regulation that the number of credits per semester should lie between 60 and 72 has to be adhered to. However, given the requirement to take college/university wide core course sand given that the School of Education offers for 2nd Year Semester I two or three (24 or 36 credits) compulsory courses, students are compelled to taking 72 credits per semester.

4.1 Following item No. 3 above, three scenarios are described, depending on the two Teaching Subjects combinations which a student may decide to take.
   (i) Language BAEd: Students choose teaching subjects 1 and 2 from language subjects. For the time being, these include Kiswahili.
   (ii) Non-language BAEd: Students choose teaching subjects 1 and 2 from non-language subjects such as Geography, Political Science and Public Administration or Economics.
   (iii) Language + Non-language BAEd Students choose one language subject and one non-language subject for instance Kiswahili and Geography.

N.B. Students taking teaching subjects offered by CoSS e.g. Geography and Economics will be administratively under CoSS. Those taking subjects offered by CoHU will be under CoHU and those combining courses from CoHu and CoSS will be under CoHU.

4.2 It is particularly important to take note of the implications of the choice a student makes according to 4.1 above.

During Second Year-Semester I:
   (i) Language BAEd, i.e. students will take CT 106 in addition to EP 101 (24 credits)
   (ii) Non-Language) BAEd students: Students will take CT 107 in addition to EP 101 (24 credits)
   (iii) Students who combine language and non-language subjects must take both CT 106 and CT107, in addition to EP 101 (36 credits)

Table 1 a guides the counting of credits and registration of courses for students who take two Language courses as two Teaching Subjects (have to take CT 106 and EP 101) and those students who decide to take two non-language subjects as teaching subjects (taking CT 107 and EP 101) during Second Year-Semester I.

Table 1a: Case of Two Languages or Two Non-language Subjects

Year of Study	Semester 1	Credits	Semester II	Credits	Year Total
1st Year	Teaching Subjects 1 (two courses)	24	Teaching Subjects 1 (two courses)	24	
	Teaching Subjects 2 (two courses)	24	Teaching Subjects 2 (one course)	12	
	EF 100	12	CT 100	12	
	D112	12	DS113	12	
			CL106	12	
	Sub-total	**72**		**72**	**144**
2nd Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	CT 106 or CT107	12	CT 200	12	
	EP 101	12	CT 201	12	
	Sub-total	**72**		**72**	**144**
3rd Year	Teaching Subject 1(two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	EA 300	12	EF 303	12	
	EP 306	12	EP300	12	
	Sub-total	**72**		**72**	**144**
Programme Total					**432**

Table1b: Distribution of credits for students taking one language and one arts subject asteaching subjects. These students have to take CT 106, CT 107 and EP 101.

Year of Study	Semester 1	Credits	Semester II	Credits	Year Total
1st Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24**	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (one course)	12**	
	EF 100	12	CT 100	12	
	DS112	12	DS113	12	
			CL106	12	
	Sub-total	**72**		**72**	**144**
2nd Year	Teaching Subject 1 (one course)	12**	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24**	Teaching Subject 2 (two courses)	24	
	CT 106	12	CT 200	12	
	CT 107	12	CT 201	12	
	EP 101	12			

Year of Study	Semester 1	Credits	Semester II	Credits	Year Total
	Sub-total	72		72	144
3rd Year	Teaching Subject 1 (two courses)	24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	24	Teaching Subject 2 (two courses)	24	
	EA 300	12	EF 303	12	
	EP 306	12	EP 300	12	
	Sub-total	72		72	144
Programme Total					432

First Year Semester I: limit is 68 credits, because DS 112 has 8 credits.

**First Year Semester II: Given the need to take DS 113, CL 106 and CT100 (accounting for 32 credits), Students are needed to take fewer credits in one of the content courses. That is, students will take two courses from one Teaching Subject and one course from the other, to get 36 credits which, when added to the 32 credits sum up to 68 credits.

**Second Year – Semester I: Given that students who combine language and non-language subjects must take CT 106, CT 107 and EP 101, they need, during second year, semester I, to take 36 credits instead of 48 credits from the content subjects.

That is, students will take two courses from one Teaching Subject and one course from the other, to get 36 credits which, when added to the 36 credits sum up to 72 credits.

4. **Teaching Practice**

All BAEd students must register for two Teaching Practices 'practical courses' (TP) administered by the School of Education.

(i) Teaching Practice 1 (CT 101) during the long vacation after Semester II of 1st year (core,12 credits)

(ii) Teaching Practice II (CT 202) during the long vacation after Semester II of 2nd year (core,12 credits)

Note: credits of these 'practical courses' are not counted in the 60-72 credits/semester bracket as they are offered outside the two class-room based semesters. Note that no one can graduate without passing both CT 101 and CT 202.

The course details are as follows:

CoSS Bachelor of Arts in Education Courses by Offering Departments

Code	Course Title	Status	Credits
Department of Economics			
First Year: Semester I			
EC 116	Introductory Microeconomic Analysis I	Core	12
EC 117	Introductory Macroeconomic Analysis I	Core	12
First Year: Semester II			
EC 126	Introductory Microeconomic Analysis II	Core	12
EC 127	Introductory Macroeconomic Analysis II	Core	12
Second Year: Semester I			
EC 216	Intermediate Microeconomic Analysis I	Core	12
EC 217	Intermediate Macroeconomic Analysis I	Core	12
Second Year: Semester II			
EC 226	Intermediate Microeconomic Analysis II	Core	12
EC 227	Intermediate Macroeconomic Analysis II	Core	12
Third Year: Semester I			
EC 371	Monetary Economics I	Core	12

Code	Course Title	Status	Credits
EC 373	International Economics I	Core	12
Third Year: Semester II			
EC 381	Monetary Economics II	Core	12
EC 383	International Economics II	Core	12
Department of Geography			
First Year: Semester I			
GE 140	Introduction to Physical Geography	Core	12
GE 142	Spatial Organization	Core	12
First Year: Semester II			
GE 144	Surveying and mapping science	Core	12
GE 141	Climatology	Core	12
Second Year: Semester I			
GE244	Quantitative Methods in Geography	Core	12
GE145	Environmental Education	Core	12
Second Year: Semester II			
GE 241	Biogeography	Core	12
GE 247	Population Studies	Core	12
Third Year: Semester I			
GE 343	Population and Development	Core	12
GE 352	Natural Resources Management	Elective	12
Third Year: Semester II			
GE 349	Contemporary Geography in Africa	Core	12
GE 341	Agriculture and Rural Settlements Planning	Core	12
Department of Political Science and Public Administration			
First Year: Semester I			
PS 110	Introduction to Political Science I	Core	12
PS 122	Political Thought I	Core	12
First Year: Semester II			
PS 111	Introduction to Political Science II	Core	12
PS 113	Government and Politics in Tanzania	Elective	12
Second Year: Semester I			
PS 231	African Political Thought	Core	12
PS 233	Introduction to Public Policy	Core	12
Second Year: Semester II			
PS 225	Local Government	Core	12
PS 226	Legislature and Legislative Processes	Core	12
Third Year: Semester I			
PS 334	Human Rights: Theory and Practice	Core	12
PS 337	Civil Society and the State	Core	12
Third Year: Semester II			
PS 341	Public Administration in Tanzania	Core	12
PS 335	Democracy: Theory and Practice	Core	12
Department of Accounting			
	First year: semester I		
AC 100	Principles of Accounting I	Core	12

Code	Course Title	Status	Credits
**ST 121	Analytical Calculus	Core	12
	First year: semester II	Core	12
AC101	Principles of Accounting II	Core	12
	Second year: Semester I		
AC 200	Management Accounting I	Core	12
AC201	Intermediate Accounting	Core	12
	Second year: semester II		
AC 202	Management Accounting II	Core	12
AC206	Public Sector Accounting and Reporting	Core	12
	Third year: Semester I		
AC 304	Advanced Financial Accounting	Core	12
AC 311	Corporate Governance and social Responsibility	Core	12
	Third year: Semester II		
AC 313	Advanced Cost and management Accounting	Core	12
AC 309	Public sector Auditing and Investigations	Core	12
Institute of Kiswahili Studies (TATAKI)			
Mwaka wa Kwanza: Semista ya I			
KF102	Utangulizi wa Fasihi (Simulizi na Andishi)	Lazima	12
KI107	Misingi ya Isimu	Lazima	12
Mwaka wa Kwanza: Semista ya II			
KF 103	Nadharia na Uhakiki wa Fasihi	Lazima	12
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya I			
KI 208	Fonolojia ya Kiswahili	Lazima	12
KF 223	Ushairi wa Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya II			
KI 209	Mofolojia ya Kiswahili	Lazima	12
KF 221	Fasihi ya Watoto na Vijana	Hitiari	12
Mwaka wa Tatu: Semista ya I			
KI 310	Sintaksia ya Kiswahili	Lazima	12
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	Lazima	12
Mwaka wa Tatu: Semista ya II			
KI 311	Semantiki na Pragmatiki ya Kiswahili	Lazima	12
KF 318	Riwaya ya Kiswahili	Lazima	12
KF 319	Tamthilia ya Kiswahili	Lazima	12
School of Education			
First Year: Semester I			
EF 100	Principles of Education	Core	12
First Year: Semester II			
CT 100	Introduction to Teaching	Core	12
CT 101	Teaching Practice (during long vacation) *	Core	12
Second Year: Semester I			
CT 106	Secondary Education Language Methods**	Core	12
CT 107	Social Science Education Methods**	Core	12
EP 101	Introduction to Educational Psychology	Core	12

Code	Course Title	Status	Credits
Second Year: Semester II			
CT 200	Principles of Curriculum Development and Teaching	Core	12
CT 201	Educational Media and Technology	Core	12
CT 202	Teaching Practice (during long vacation) *	Core	12
Third Year: Semester I			
EA 300	Management of Education and School administration	Core	12
EP 306	Counselling and Special Needs Education	Core	12
Third Year: Semester II			
EF 303	Professionalism and Ethics in Education	Core	12
EP 300	Educational Measurement and Evaluation	Core	12

Note: * these are done during long vacation, *i.e.*, outside the semester duration

   ** CT 106 is for students doing Languages (English, French and Kiswahili). CT 107 is for students doing non-language subjects. Students whose teaching subjects include language and social science subjects must take both CT 106 and CT 107, in addition to EP 101 (see Table 6b above).

Teaching Practice
BA (Education) students are supposed to undergo an eight weeks Teaching Practice during their first and second years of study usually during the long vacation. These courses, namely CT 101 for first years and CT 202 for second years are administered by the School of Education. Both are core courses and have 12 Credits each.

Practical Training
CoSS organizes a practical training course (AS 299) for all second-year students. The programme starts after the end of the second semester of the second year and lasts for eight weeks.

Assessment
Assessment of AS 299 is based on the following distribution of marks:

Training officer's	10%
Student's logbook	20%
Supervisor's report	10%
Written report	60%
Total	100%

AS 299 is assigned a letter grade ranging from A to E as per standard allocation. However, this grade has no unit points but a student must pass in order to graduate. A student who fails must undergo a supplementary practical training during the inter-semester vacation of the third year or any other time there after, provided it is within the maximum allowable registration time (currently 5 years).

Field Research Component
A few courses have a field research component of duration of three weeks, specifically conducted during the inter-semester break of third year. These include the following:

Code	Title	Credits	Status	Department
EC 384	Applied Econometrics	12	Core	Economics
GE 249	Research Methods in Geography	12	Core	Geography
ST 218	Applied Statistics I	12	Core	Statistics

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*E. Josephat, BAGES, MA (Dar)

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*   On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment

SCHOOL OF AQUATIC SCIENCES AND FISHERIES TECHNOLOGY (SoAF)

INTRODUCTION

The School of Aquatic Sciences and Fisheries Technology (SoAF) is a newly established School of the University of Dar es Salaam established in September 2020 through the upgrading of the then Department of Aquatic Sciences and Fisheries Technology, a unit that was under the College of Agricultural Sciences and Fisheries Technology (CoAF). SoAF expertise spans in all aquatic habitats (rivers, lakes, wetlands, estuaries, and coastal and marine environment), fisheries and aquaculture, environmental modelling, pollution studies, socio-economics, etc. As a unit of the University of Dar es Salaam, the School is mandated to conduct training and research, as well as provision of public services including consultancy and outreach services related to aquatic sciences. The then Department of Aquatic Sciences and Fisheries Technology provided advisory and consultancy services to government institutions, non-governmental organizations, industry and private individuals either on an interdisciplinary level or on a specific area, the activities that are currently being offered by SoAF.

SoAF Departments

SoAF comprises two teaching departments, namely:
(i)   Department of Aquatic Sciences and Fisheries Technology (DASFT)
(ii)   Department of Aquaculture Technology (DAT)

Degree offered by the School
Currently the School offers only one-degree programme, namely: Bachelor of Science in Aquatic Sciences and Fisheries Technology (BSc ASF).

Bachelor of Science in Aquatic Sciences and Fisheries (BSc ASF)

First Year

Code	Course Title	Credits	Semester	Status
AQ 120	Ecology of Lakes and Rivers	12	1	Core
AQ 121	Introduction to Fisheries Science and Technology	8	1	Core
BL 111	Introductory Cell Biology and Genetics	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
MC 100	Fundamentals of Microbiology	12	1	Core
DS 112	Development Perspectives I	12	1	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Elective
CL 107	Communication Skills for Science Students	12	1	Elective
AQ 122	Introduction to Aquaculture	12	2	Core
AQ 123	Swimming and Survival in Water	-	2	Core
AQ 124	Marine Benthic Ecology	8	2	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	2	Core
ZL 122	Chordate Zoology	8	2	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
DS 113	Development Perspectives II	12	2	Core
WS 101	Ecology and Utilisation of Natural Resources	8	2	Elective

Code	Course Title	Credits	Semester	Status

Second Year

Code	Course Title	Credits	Semester	Status
AQ 200	Practical Training I	8	1	Core
AQ 231	Marine Biogeochemistry	8	1	Core
AQ 232	Fish Population Dynamics and Stock Assessment	12	1	Core
AQ 234	Mangrove, Seagrass and Seaweed Ecology	12	1	Core
AQ 236	Fish Taxonomy and Biology	12	1	Core
EV 200	Environmental Science	8	1	Core
AQ 224	Plankton Systematics and Ecology	12	2	Core
AQ 221	Estuarine and Wetland Ecology	12	2	Core
AQ 233	Physical and Geological Processes in the Oceans	8	2	Core
AQ 235	Coral Reef Ecosystem	8	2	Core
AQ 237	Fish Ecology	8	2	Core
BL 234	Biostatistics I	12	2	Core
AQ 239	Biology and Ecology of Shellfish	8	2	Elective
GY 245	Remote Sensing and GIS	12	2	Elective
SC 215	Scientific Methods	8	2	Elective

Third Year

Code	Course Title	Credits	Semester	Status
AQ 300	Practical Training II	8	1	Core
AQ 339	Aquaculture Production Systems	12	1	Core
AQ 342	Fisheries Resource Management	12	1	Core
AQ 320	Watershed Management	8	1	Core
AQ 347	Aquabusiness	12	1	Core
AQ 348	Aquatic Pollution and Control	8	1	Core
AQ 343	Fish Processing Technology	12	1	Elective
AQ 349	Advanced Oceanography	12	1	Elective
MC 209	Water Microbiology	12	1	Elective
AQ 340	Genetics, Breeding and Seed Production	12	2	Core
AQ 341	Feed Production Technology	8	2	Core
AQ 307	Law of the Sea and Inland Waters	8	2	Core
AQ 345	Diseases of Fish	8	2	Core
AQ 346	Fisheries Economics	8	2	Core
AQ 399	Research Project	12	2	Core
AQ 331	Contemporary Topics in World Fisheries and Aquatic Sciences	8	2	Elective
BL 314	Biostatistics II	8	2	Elective
WS 311	Tourism and Recreational Management	8	2	Elective

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* On Study Leave
** On Sabbatical Leave
*** On Leave of Absence/Secondment

UNIVERSITY OF DAR ES SALAAM BUSINESS SCHOOL (UDBS)

INTRODUCTION

The University of Dar es Salaam Business School (UDBS) comprises of four academic departments namely Accounting, Finance, Marketing and General Management. The School also has two service bureaus; the Career Advice, Placement and Practical Training Bureau and Management Development and Consultancy Bureau, a unit that offers consultancy services to the community.

The School offers: Bachelor of Commerce (BCom) and Bachelor of Business Administration (BBA), which is an evening programme. In the Bachelor of Commerce Programme, students may specialise in Accounting, Corporate Finance, Banking, Marketing, Tourism, Procurement and Supply Chain Management, and Human Resources Management. The BBA is a general practical oriented programme.

General Degree Regulations

Entry requirements into Bachelor of Commerce and Bachelor of Business Administration Programmes:

Category A: Direct Entry (Form Six)

General University Minimum Requirements:

(a) *For all applicants except graduates of 2014 and 2015*
    Two Principal Passes in appropriate subjects in the ACSEE or equivalent with total points from three subjects not below 5 based on the following grade to point conversion scale: A=5; B=3: C=3: E =1: S = 0.5 and F = 0 point
    The minimum Principal in this case is an 'E' grade.

(b) *For all applicants graduates of 2014 and 2015*
    Two passes of a least 'D' grade in appropriate subjects in the ACSEE or equivalent with total points from three subjects not below 5 based on the following grade to point conversion scale:

    A=5; B+=4; B = 3; C = 2; D = 1; E = 0.5 and F = 0 point

    The minimum Principal in this case is a 'C' grade

    (Note: Principal level passes in Divinity/Islamic Knowledge are not counted)
    In addition, an applicant must have at least a subsidiary pass in Mathematics at Advanced Certificate of Secondary Education Examination (ACSEE) level or a grade of 'C' or better in Certificate of Secondary Education Examination (CSEE) level. Preferential consideration will be accorded to commercial-based subjects in the event that two applicants tie in points and one is to be selected.

Category B: Equivalent Qualifications

An appropriate equivalent Diploma of not less than Second class/Credit level or B grade obtained from a college which is fully registered by NACTE and approved by a the UDSM Senate. For Diploma that are further classified into Upper and Lower classes, the requirement shall be an Upper Second class or B+ average.

Note: Applicants from countries which follow an 8-4-4 education system need to complete at least one year of study at a university in their own countries before they can be considered for admission into the University of Dar es Salaam. Candidates Transferring from Other Universities Students entering this University cannot transfer grades obtained elsewhere. They can, however, be exempted from taking corresponding courses. The Maximum transferable load for BCom and BBA is one-year courses.

School Examination Regulations

These examination regulations shall be read together with the General University Examination Regulations.
1. General University examination regulations will apply.
2. There shall be University Examinations at the end of each semester in all subjects of study.
3. A candidate is required to register for 136 course credits in the first year, 144 course credits in the second

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and 152 course credits in the third year (including second year 8 practical training credits). Each course will be examined upon completion. The course work which includes papers, assignments, tests etc, accounts for 40% of the total marks in each course, the final examination accounts for 60% of the total marks.

4.	At the end of an academic year, a candidate who has failed some courses may be allowed to take a Supplementary examination in the failed subjects provided the overall average in all courses taken in that year constitutes a GPA greater than or equal to 1.8. Otherwise, the candidate shall be discontinued.

5.	The maximum pass grade in a Supplementary examination shall be "C".

6.	A candidate who has failed a supplementary examination shall be allowed to carry over the failed course within the maximum period of registration provided the overall average in all courses including those taken and passed in that year constitutes a GPA greater than or equal to 2.0.

7.	The grading system shall be as follows:

    A	70 – 100 %
    B+	60 – 69 %
    B	50 – 59 %
    C	40 – 49 %
    D	35 – 39 %
    E	0 – 34 %

The minimum pass grade in each of the course taken shall be "C", the grade for 'absolute fail' shall be "E".

8.	Examination Regulation for the BBA Practical Project Work:
    (a)	Each candidate is required to pass the project work.
    (b)	The grading system of the project work shall be the same as in other courses.
    (c)	A candidate who fails in the project work will be allowed to take a supplementary project.
    (d)	A candidate failing in supplementary project shall repeat the project in the subsequent year by fulfilling all the necessary requirements for the project work, other regulations permitting.

(A) BCom Course Codes
    AC	Accounting
    DS	Development Studies
    EC	Economics
    FN	Finance
    GM	General Business Management
    HR	Human Resources Management
    IM	Information Management Sciences
    MK	Marketing
    TH	Tourism and Hospitality Management

(B) BBA Course Codes
    BAC	Accounting related courses
    BEC	Economics related courses
    BIM	Management Science courses
    BFN	Finance related courses
    BHN	Human Resources related courses
    BMK	Marketing related courses
    BP	Project Work
    BIT	Information Tech related courses

DEPARTMENT OF ACCOUNTING

Bachelor of Commerce in Accounting First Year

First Semester

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis (Prerequisite Admissible into BCom)	12	1	Core
IM 102	Business Mathematics (Prerequisite Admissible into BCom)	12	1	Core
MK 100	Introduction to Business (Prerequisite Admissible into BCom)	12	1	Core
IM 100	Introduction to Information and Communications Technology (Prerequisite Admissible into BCom)	12	1	Core
AC 100	Principles of Accounting I (Prerequisite Admissible into BCom)	12	1	Core
Total First Semester Credits		**72**		

Second Semester

Code	Course Title	Credits	Semester	Status
FN 101	Principles of Macroeconomics Analysis (Prerequisite FN 100)	12	2	Core
AC 101	Principles of Accounting II (Prerequisite AC 100)	12	2	Core
DS 113	Development Perspectives II	12	2	Core
CL 108	Business Communication	12	2	Core
GM 100	Principles and Practice of Management (Prerequisite Admissible into BCom)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK 100)	12	2	Core
Total Second Semester Credits		**72**		
Total First Year Credits		**144**		

Second Year: First Semester

Code	Course Title	Credits	Semester	Status
AC 200	Management Accounting, I (Prerequisite AC 101)	12	1	Core
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM 102)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC 100)	12	1	Core
AC 201	Intermediate Accounting (Prerequisite AC 101)	12	1	Core
HR 200	Organizational Behaviour (Prerequisite GM 100)	12	1	Core
AC 203	Computerized Accounting Applications (Prerequisite AC 101 and IM 100)	12	1	Core
Total First Semester Credits		**72**		

Second Semester

Code	Course Title	Credits	Semester	Status
AC 202	Management Accounting II (Prerequisite AC 101 and AC 200)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM 100 and IM 200)	12	2	Core

Code	Course Title	Credits	Semester	Status
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
AC 207	Taxation Theory and Practice (Prerequisite AC 101 and FN 101)	12	2	Core
AC 205	Introduction to Auditing and Assurance Services (Prerequisite AC101)	12	2	Core
One Elective course from the Following:				
AC 206	Public Sector Accounting and Reporting (Prerequisite AC 101 and AC200)	12	2	Elective
FN 202	Financial Management (Prerequisite FN 200)	12	2	Elective
Total Second Semester Credits		**72**		
Total Second Year Credits		**144**		
	Field Practical with Research Component			
Third Year: First Semester				
GM 333	Field Practical with Research Component	8	1	Core
GM 300	Strategic Management (Prerequisite GM 100)	12	1	Core
IM 305	Management Information System (Prerequisite IM 100)	12	1	Core
AC 304	Advanced Financial Accounting (Prerequisite AC 201)	12	1	Core
FN 300	International Business Finance (Prerequisite FN 101 and FN 202)	12	1	Core
AC 306	Advanced Auditing and Assurance Services (Prerequisite AC 205)	12	1	Core
One Elective course from the Following:				
AC 311	Corporate Governance and Social Responsibility (Prerequisite AC 201 and AC 205/AC 207)	12	1	Elective
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Elective
Total First Semester Credits		**80**		
Second Semester				
MK 301	Entrepreneurship (Prerequisite MK 100)	12	2	Core
AC 313	Advanced Cost and Management Ac- counting (Prerequisite AC 202)	12	2	Core
MK 326	Marketing of Services (Prerequisite MK 101)	12	2	Core
MK 324	Management Consulting Skills (Prerequisite GM 100)	12	2	Core
AC 307	Advanced Taxation (Prerequisite AC 207)	12	2	Core
One Elective course from the following:				
AC 308	Forensic Accounting and Fraud Investigations (Prerequisite AC 205)	12	2	Elective
AC 309	Public Sector Auditing and Investigations (Prerequisite AC206)	12	2	Elective
FN301	Financial Analysis (Prerequisite FN 202 and AC 202)	12	2	Elective
Total Second Semester Credits		**72**		
Total Third Year Credits		**152**		
Total BCom in Accounting Degree Credits		**440**		

DEPARTMENT OF FINANCE

Bachelor of Commerce in Banking and Financial Services

First Year: Semester I

Code	Course Title	Units	Semester	Status
AC 100	Principles of Accounting I (Prerequisite for Admission into BCOM)	12	1	Core
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis (Prerequisite for Admission into BCOM)	12	1	Core
IM 100	Introduction to Information and Communications Technology (Prerequisite for Admission into BCOM)	12	1	Core
IM 102	Business Mathematics (Prerequisite for Admission into BCOM)	12	1	Core
MK 100	Introduction to Business (Prerequisite for Admission into BCOM)	12	1	Core
Total First-Semester Units		**72**		

Semester II

Code	Course Title	Units	Semester	Status
AC 101	Principles of Accounting II (Prerequisite AC 100)	12	2	Core
CL 108	Business Communication	12	2	Core
DS 113	Development Perspectives II	12	2	Core
FN 101	Principles of Macroeconomics Analysis (Prerequisite FN 100)	12	2	Core
GM 100	Principles and Practice of Management (Prerequisite for Admission into BCOM)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK 100)	12	2	Core
	Total Second-Semester Units	72		
Total First-Year Units		**144**		

Second Year: Semester I

Code	Course Title	Units	Semester	Status
AC 200	Management Accounting I (Prerequisite AC 101)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC 100)	12	1	Core
FN 201	Introduction to Financial Services (Prerequisite FN 101)	12	1	Core
FN 210	Bank Operations (Prerequisite FN 101)	12	1	Core
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM 102)	12	1	Core
	[One Elective from the Following]			
AC 201	Intermediate Accounting (Prerequisite AC 101)	12	1	Optional
FN 208	Risk Management and Insurance (Prerequisite FN 101)	12	1	Optional
Total First-Semester Units		**72**		

Semester II

Code	Course Title	Units	Semester	Status
AC 202	Management Accounting II (Prerequisite AC 101 and AC 200)	12	2	Core
FN 202	Introduction to Financial Management (Prerequisite FN 200)	12	2	Core
FN 212	Microfinance (Prerequisite FN 200)	12	2	Core

Code	Course Title	Units	Semester	Status
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM 100 and IM 200)	12	2	Core
	[One Elective from the Following]			
FN 206	Leasing Management (Prerequisite FN 200)	12	2	Optional
FN 207	Personal Finance (Prerequisite FN 200)	12	2	Optional
Total Second-Semester Units		**72**		
Total Second-Year Units		**144**		
	Field Practical with Research Component			
Third Year: Semester I				
GM 333	Field Practical with Research Component	8	1	Core
FN 300	International Business Finance (Prerequisite FN 101 and FN 202)	12	1	Core
FN 302	Security Analysis and Portfolio Management (Prerequisite FN 202)	12	1	Core
FN 304	Bank Financial Management (Prerequisite FN 202 and FN 210)	12	1	Core
FN 310	Investment Analysis (Prerequisite FN 202)	12	1	Core
GM 300	Strategic Management (Prerequisite GM 100)	12	1	Core
	[One Elective from the Following]			
IM 305	Management Information Systems (Prerequisite IM 100)	12	2	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional
	Total First-Semester Units	80		
FN 303	Law Relating to Banking and Financial Services (Prerequisite FN 210)	12	2	Core
FN 306	Lending Management (Prerequisite FN 202 and FN 210)	12	2	Core
FN 307	Treasury Management (Prerequisite FN 202 and FN 211)	12	2	Core
MK 301	Entrepreneurship (Prerequisite MK 100)	12	2	Core
MK 326	Marketing of Services (Prerequisite MK 100 and MK 101)	12	2	Core
	[One Elective from the Following]			
FN 309	Development and Investment Banking (Prerequisite FN 202 and FN 212)	12	2	Optional
MK 324	Management Consulting Skills (Prerequisite GM 100)	12	2	Optional
Total Second-Semester Units		**72**		
Total Third-Year Units		**152**		
Total B. Com in Banking and Financial Services Degree Units		**440**		

Bachelor of Commerce in Finance

First Year: Semester I

Code	Course Title	Units	Semester	Status
AC 100	Principles of Accounting I (Prerequisite for Admission to BCOM)	12	1	Core
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis (Prerequisite for Admission to BCOM	12	1	Core
IM 100	Introduction to Information and Communications Technology (Prerequisite for Admission to BCOM)	12	1	Core
IM102	Business Mathematics (Prerequisite for Admission to BCOM)	12	1	Core
MK100	Introduction to Business (Prerequisite for Admission to BCOM)	12	1	Core
Total First Semester Units		**72**		
Semester II				
AC 101	Principles of Accounting II (Prerequisite AC 100)	12	2	Core
CL108	Business Communication	12	2	Core
DS 113	Development Perspectives II	12	2	Core
FN 101	Principles of Macroeconomics Analysis (Prerequisite FN 100)	12	2	Core
GM 100	Principles and Practice of Management (Prerequisite for Admission to BCOM)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK 100)	12	2	Core
Total Second-Semester Units		**72**		
Total First-Year Units		**144**		
Second Year: Semester I				
AC 200	Management Accounting I (Prerequisite AC 101)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC 100)	12	1	Core
FN 201	Introduction to Financial Services (Prerequisite FN 101)	12	1	Core
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM 102)	12	1	Core
	[Two Electives from the Following]			
	Leasing Management			
AC 201	Intermediate Accounting (Prerequisite AC 101)	12	1	Optional
FN 208	Risk Management and Insurance (Prerequisite FN 101)	12	1	Optional
	Corporate Finance			
AC 201	Intermediate Accounting (Prerequisite AC 101)	12	1	Optional
FN 211	Financial Markets (Prerequisite AC 101)	12	1	Optional
	Financial Markets			
FN 210	Bank Operations (Prerequisite FN 101)	12	1	Optional
FN 211	Financial Markets (Prerequisite AC 101)	12	1	Optional
HR 200	Organizational Behaviour (Prerequisite GM 100)	12	1	Optional

Code	Course Title	Units	Semester	Status
Total First-Semester Units		**72**		
Semester II				
AC 202	Management Accounting II (Prerequisite AC 101 and AC 200)	12	2	Core
FN 202	Financial Management (Prerequisite FN 200)	12	2	Core
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM 100 and IM 200)	12	2	Core
	[Two Electives from the Following]			
	Leasing Management			
AC 207	Taxation Theory and Practice (Prerequisite AC 101 and FN 101)	12	2	Optional
FN 206	Leasing Management (Prerequisite FN 200)	12	2	Optional
	Corporate Finance			
AC 205	Introduction to Auditing and Assurance Services (Prerequisite AC 101 and AC 202)	12	2	Optional
AC 207	Taxation Theory and Practice (Prerequisite AC 101 and FN 101)	12	2	Optional
FN 206	Leasing Management (Prerequisite FN 200)	12	2	Optional
FN 207	Personal Finance (Prerequisite FN 200)	12	2	Optional
	Financial Markets			
FN 207	Personal Finance (Prerequisite FN 200)	12	2	Optional
FN 212	Microfinance (Prerequisite FN 200)	12	2	Optional
MK 201	International Marketing (Prerequisite MK 100)	12	2	Optional
Total Second-Semester Units		**72**		
Total Second-Year Units		**144**		
	Field Practical with Research Component			
Third Year: Semester I				
GM 333	Field Practical with Research Component	8	1	Core
FN 300	International Business Finance (Prerequisite FN 101 and FN 202)	12	1	Core
FN 302	Security Analysis and Portfolio Management (Prerequisite FN 202)	12	1	Core
FN 310	Investment Analysis (Prerequisite FN 202)	12	1	Core
GM 300	Strategic Management (Prerequisite GM 100)	12	1	Core
	[Two Electives from the Following]			
	Corporate Finance			
AC 304	Advanced Financial Accounting (Prerequisite AC 201)	12	1	Optional
AC 306	Advanced Auditing and Assurance Services (Prerequisite AC 205)	12	1	Optional
AC 311	Corporate Governance and Social Responsibility (Prerequisite AC 201 and AC 205/AC 207)	12	1	Optional
FN 304	Bank Financial Management (Prerequisites FN 202 and FN 210)	12	1	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional

Code	Course Title	Units	Semester	Status
	Financial Markets			
IM 305	Management Information Systems (Prerequisite IM 100)	12	1	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional
	Leasing Management			
FN 320	Legal Issues on Leasing (Prerequisite FN 206)	12	1	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional
Total First-Semester Units		**80**		
Semester II				
FN 301	Financial Analysis (Prerequisite FN 202 and AC 202)	12	2	Core
FN 307	Treasury Management (Prerequisite FN 202 and FN 211)	12	2	Core
FN 319	Advanced Security Analysis and Portfolio Management (Prerequisite FN 202)	12	2	Core
MK 301	Entrepreneurship (Prerequisite MK 100)	12	2	Core
	[Two Electives from the Following]			
	Corporate Finance			
FN 312	Financial Management Special Topics (Prerequisite FN 202)	12	2	Optional
IM 303	Procurement Management (Prerequisite for Admission into BCOM)	12	2	Optional
IM 341	Operations Research Techniques (Prerequisite IM 200)	12	2	Optional
	Financial Markets			
FN 309	Development & Investment Banking (Prerequisite FN 202 and FN 212)	12	2	Optional
FN 312	Financial Management Special Topics (Prerequisite FN 202)	12	2	Optional
IM 341	Operations Research Techniques (Prerequisite IM 200)	12	2	Optional
MK 324	Management Consulting Skills (Prerequisite GM 100)	12	2	Optional
	Leasing Management			
AC 307	Advanced Taxation (Prerequisite AC 207)	12	2	Optional
FN 306	Lending Management (Prerequisite FN 202 and FN 210)	12	2	Optional
FN 312	Financial Management Special Topics (Prerequisite FN 202)	12	2	Optional
FN 313	Government and International Leasing (Prerequisite FN 206)	12	2	Optional
Total Second-Semester Units		**72**		
Total Third-Year Units		**152**		
Total B. Com in Finance Degree Units		**440**		

DEPARTMENT OF MARKENTING

Bachelor of Commerce in Marketing

First Year: First Semester

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis (Prerequisite Admissible into BCom)	12	1	Core
IM 102	Business Mathematics (Prerequisite Admissible into BCom)	12	1	Core
IM 100	Introduction to Information and Communications Technology (Prerequisite Admissible into BCom)	12	1	Core
AC 100	Principles of Accounting I (Prerequisite Admissible into BCom)	12	1	Core
MK 100	Introduction to Business (Prerequisite Admissible into BCom)	12	1	Core
Total First Semester Credits		**72**		
GM 100	Principles and Practice of Management (Prerequisite Admissible into BCom)	12	2	Core
FN 101	Principles of Macroeconomics Analysis (Prerequisite FN100)	12	2	Core
AC 101	Principles of Accounting II (Prerequisite AC100)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK100)	12	2	Core
DS 113	Development Perspectives II	12	2	Core
CL 108	Business Communication	12	2	Core
Total Second Semester Credits		**72**		
Total First Year Credits		**144**		
Second Year: First Semester				
AC 200	Management Accounting I (Prerequisite AC 101)	12	1	Core
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM 102)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC 100)	12	1	Core
MK 213	Consumer Behavior (Prerequisite MK 100)	12	1	Core
	One Elective from the Following			
MK 221	Marketing Communication	12	1	Elective
MK 222	Sales Management (Prerequisite MK 100)	12	1	Elective
FN 211	Financial Markets (Prerequisite AC 101)	12	1	Elective
Total First Semester Credits		**72**		

Code	Course Title	Credits	Semester	Status
AC 202	Management Accounting II (Prerequisite AC 101 and AC 200)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM 100 and IM 200)	12	2	Core
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
MK 223	Distribution and Logistics Management (Prerequisite MK 101)	12	2	Core
MK 201	International Marketing (Prerequisite MK 100)	12	2	Core
One Elective course from the following:				
MK 225	Industrial Marketing (Prerequisite Admissible into BCom)	12	2	Elective
FN 207	Personal Finance (Prerequisite FN 200)	12	2	Elective
FN 206	Leasing Management (Prerequisite FN 200)	12	2	Elective
Total Second Semester Credits		**72**		
Total Second Year Credits		**144**		
Field Practical with Research Component				
Third Year: First Semester				
GM 333	Field Practical with Research Component	8	1	Core
GM 300	Strategic Management (Prerequisite GM 100)	12	1	Core
HR 204	Principles and Practices of Human Resources Management (Prerequisite GM 100)	12	1	Core
MK 322	Marketing Research (Prerequisite MK 101)	12	1	Core
MK 327	Pricing Decisions (Prerequisite MK 100 and AC 202)	12	1	Core
MK 323	E-Marketing (Prerequisite MK 101)	12	1	Core
	One Elective course from the following:			
MK 325	Publicity and Public Relations (Prerequisite MK 101 and CL 108)	12	1	Elective
IM 305	Management Information System (Prerequisite IM 100)	12	1	Elective
MK 333	Marketing Events and Trends (Prerequisite Admissible into BCom)	12	1	Elective
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Elective
Total First Semester Credits		**80**		
Second Semester				
MK 300	Strategic Marketing (Prerequisite MK100 and GM100)	12	2	Core

Code	Course Title	Credits	Semester	Status
MK 301	Entrepreneurship (Prerequisite MK100)	12	2	Core
MK 326	Marketing of Services (Prerequisite MK101)	12	2	Core
MK 324	Management Consulting Skills (Prerequisite GM100)	12	2	Core
MK 330	Relationship Marketing (Prerequisite Admissible into BCom)	12	2	Core
	One Elective from the Following			
MK 329	Social Marketing (Prerequisite MK 100, MK 101andCL 108)	12	2	Elective
MK 332	Advertising and Sales Promotion (Prerequisite MK100andMK 221)	12	2	Elective
MK 331	Product Development and Brand Management (Prerequisite MK 100)	12	2	Elective
MK 334	Agricultural Marketing (Prerequisite MK 222 and MK 221)	12	2	Elective
Total Second Semester Credits		**72**		
Total Third Year Credits		**152**		
Total BCom in Marketing Degree Credits		**440**		

Bachelor of Commerce in Tourism Management

First Year: First Semester

Code	Course Title	Credits	Semester	Status
FN100	Principles of Micro Economic Analysis (Prerequisite Admissible into BCom)	12	1	Core
DS112	Development Perspectives I	12	1	Core
IM100	Introduction to Information and Communication Technology (Prerequisite Admissible into BCom)	12	1	Core
MK100	Introduction to Business (Prerequisite Admissible into BCom)	12	1	Core
AC100	Principles of Accounting I (Prerequisite Admissible into BCom)	12	1	Core
IM102	Business Mathematics and Statistics (Prerequisite Admissible into BCom)	12	1	Core
Total First Semester Credits		**72**		
GM100	Principles and Practice of Management (Prerequisite Admissible into BCom)	12	2	Core
CL108	Business Communication	12	2	Core
FN101	Principles of Macroeconomics Analysis (Prerequisite FN100)	12	2	Core
MK101	Principles of Marketing (Prerequisite MK100)	12	2	Core
DS113	Development Perspectives II	12	2	Core
AC101	Principles of Accounting II (PrerequisiteAC100)	12	2	Core

Code	Course Title	Credits	Semester	Status
Total Second Semester Credits		**72**		
Total First Year Credits		**144**		
Second Year: First Semester				
FN 200	Principles of Finance	12	1	Core
GM 200	Introduction to Business Law and Ethics	12	1	Core
IM 200	Quantitative Methods for Business Decisions	12	1	Core
TH 211	Introduction to Hospitality Management	12	1	Core
TH 212	Consumer Behavior in Tourism	12	1	Core
Total First Semester Credits		**72**		
TH 213	Nature Based Tourism	12	2	Core
TH 214	Tour Guiding and Interpretation	12	2	Core
TH 215	Tourism Marketing	12	2	Core
IM 205	Business Research Methods	12	2	Core
	And one of the following			
TH 216	Leisure and Recreation Management	12	2	Elective
TH 217	Global Tourism	12	2	Elective
MK 201	International Marketing	12	2	Elective
Total Second Semester Credits		**72**		
Total Second Year Credits		**144**		
Third Year: First Semester				
GM333	Field Practical with Research Component	8	1	Core
GM 300	Strategic Management	12	1	Core
MK 301	Entrepreneurship	12	1	Core
TH 310	Tourism Transportation Management	12	1	Core
TH 303	Tourism and Hospitality Marketing Research	12	1	Core
TH 312	Tourism Policy and Planning	12	1	Core
Two Elective causes from the following:				
MK 336	Business Planning	12	1	Elective
HR 201	Human Resource Management	12	1	Elective
EC 375	Natural Resources and Environmental Economics I	12	1	Elective
TH 304	Sustainable Tourism Development	12	1	Elective
Total First Semester Credits		**80**		
Second Semester				
TH 301	Advanced Tourism Management	12	2	Core
TH 314	Destination Marketing and Branding	12	2	Core
TH 315	Management of Tourism Operations	12	2	Core
TH 316	e-Tourism	12	2	Core
Two Elective courses from the following:				
MK 330	Relationship Marketing	12	2	Elective
TH 317	Cultural and Heritage Tourism	12	2	Elective
TH 302	Events Management	12	2	Elective
TH 318	Tourism Corporate Social Responsibility and Governance	12	2	Elective

Code	Course Title	Credits	Semester	Status
Total Second Semester Credits		**72**		
Total Third Year Credits		**152**		
Total BCom in Tourism Management Degree Credits		**440**		

DEPARTMENT OF GENERAL MANAGEMENT

Bachelor of Commerce in Human Resources Management

First Year: First Semester

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis (Prerequisite Admissible into BCom	12	1	Core
IM102	Business Mathematics (Prerequisite Admissible into BCom)	12	1	Core
IM 100	Introduction to Information and Communications Technology (Prerequisite Admissible into (BCom)	12	1	Core
AC 100	Principles of Accounting I (Prerequisite Admissible into (BCom)	12	1	Core
MK 100	Introduction to Business (Prerequisite Admissible into BCom)	12	1	Core
Total First Semester Credits		**72**		
Second Semester				
GM 100	Principles and Practice of Management (Prerequisite Admissible into BCom)	12	2	Core
FN 101	Principles of Macroeconomics Analysis (Prerequisite FN 100)	12	2	Core
AC 101	Principles of Accounting II (Prerequisite AC 100)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK 100)	12	2	Core
DS 113	Development Perspectives II	12	2	Core
CL 108	Business Communication	12	2	Core
Total Second Semester Credits		**72**		
Total First Year Credits		**144**		
Second Year: First Semester				
AC 200	Management Accounting I (Prerequisite AC 101)	12	1	Core
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM 102)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC 100)	12	1	Core

Code	Course Title	Credits	Semester	Status
HR 204	Principles and Practices of Human Resources Management (Prerequisite GM 100)	12	1	Core
HR 200	Organization Behaviour (PrerequisiteGM100)	12	1	Core
MK 223	Distribution and Logistics Management (Prerequisite MK 101)	12	1	Core
Total First Semester Credits		**72**		
Second Semester				
AC202	Management Accounting II (Prerequisite AC 101and AC 200)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM 100and IM 200)	12	2	Core
HR 203	Human Resource Planning and Development (Prerequisite HR 200)	12	2	Core
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
HR 202	Industrial Relations (Prerequisite GM 100)	12	2	Core
HR 205	Compensation Management (Prerequisite GM 100)	12	2	Core
Total Second Semester Credits		**72**		
Total Second Year Credits		**144**		
	Field Practical with Research Component			
Third Year: First Semester				
GM 333	Field Practical with Research Component	8	1	Core
GM 300	Strategic Management (Prerequisite GM 100)	12	1	Core
HR 310	Human Resources Management Economics (Prerequisite FN 101)	12	1	Core
HR 311	Laboratoryour Law (Prerequisite HR 200 and HR 202)	12	1	Core
HR 312	Organization Development (Prerequisite GM 100 and HR 200)	12	1	Core
HR 313	Organizational Theory and Design (Prerequisite HR 200)	12	1	Core
One Elective course from the following:				
HR 315	Total Quality Management (Prerequisite GM 100)	12	1	Elective
GM 301	Project Management (Prerequisite IM 200 and GM 100)	12	1	Elective
FN 201	Introduction to Financial Services (Prerequisite FN 101)	12	1	Elective
MK 336	Business Planning (Prerequisite AC101, FN 101 and MK 101)	12	1	Elective

Code	Course Title	Credits	Semester	Status
Total First Semester Credits		**80**		
MK 301	Entrepreneurship (Prerequisite MK 100)	12	2	Core
HR 316	Occupational Health and Safety (Prerequisite GM100)	12	2	Core
HR 317	International Human Resources Management (Prerequisite GM 100)	12	2	Core
HR 314	Leadership and Supervisory Skills (Prerequisite GM 100)	12	2	Core
HR 320	Strategic Human Resources Management (Prerequisite HR 203)	12	1	Elective
One Elective course from the following:				
MK 324	Management Consulting Skills (Prerequisite GM 100)	12	2	Elective
MK 201	International Marketing (Prerequisite MK 100)	12	2	Elective
HR 319	Applied Research in Human Resource Management (Prerequisite IM 201)	12	2	Elective
Total Second Semester Credits		**72**		
Total Third Year Credits		**152**		
Total BCom in Human Resources Management Degree Credits		**432**		

Bachelor of Business Administration
First Year: First Trimester

Code	Course Title	Credits	Trimester	Status
BAC 100	Principles of Accounting I	12	1	Core
BBS 100	Introduction to Business	12	1	Core
BBS 101	Business Communication	12	1	Core
BIM 100	Elementary Business Mathematics	12	1	Core
Total First Trimester Credits		**48**		
Second Trimester				
BAC 101	Principles of Accounting II	12	2	Core
BBS 102	Principles and Practices of Management and Administration	12	2	Core
BBS 103	Business Environment I	12	2	Core
BEC 100	Micro-Economics	12	2	Core
BIT 100	Introduction to Information Technology and Information Systems	12	2	Core
Total Second Trimester Credits.		**60**		
Second Year: First Trimester				
BAC102	Management Accounting	12	3	Core
BBS104	Business Environment II	12	3	Core
BEC101	Macro-Economics	12	3	Core

Code	Course Title	Credits	Trimester	Status
BIM101	Quantitative Methods for Business Decision Making	12	3	Core
Total First Trimester Credits		**48**		
Second Trimester				
BFN102	Introduction to Business Law	12	1	Core
BFN201	Introduction to Financial Management	12	1	Core
BIT200	Management Information Systems	12	1	Core
BMK200	Principles of Marketing	12	1	Core
Total Second Trimester Credits		48		
BBS203	Business Policy and Strategic Management	12	2	Core
BHR200	Human Resources Management	12	2	Core
BMK 201	Small Business and Entrepreneurship	12	2	Core
BMK 202	Marketing Research	12	2	Core
Total Third Trimester Credits		**48**		
Third Year: First Trimester				
BAC200	Taxation	12	3	Core
BFN202	Financial Statement Analysis	12	3	Core
BMK203	Business Planning and Development	12	3	Core
BMK204	Marketing of Services	12	3	Core
Total First Trimester Credits		**48**		
Second Trimester				
BFN300	Financial Management for Small Business	12	1	Core
BFN301	Insurance and Risk Management	12	1	Core
BMK300	Marketing for Small Business	12	1	Core
BMK302	International Marketing	12	1	Core
Total Second Trimester Credits		48		
Third Trimester				
BPW333	Project Work	48	2	Core
Total Third Trimester Credits		**48**		

Bachelor of Commerce in Procurement and Supply Chain Management

First Year: First Semester

Code	Course Title	Credits	Trimester	Status
Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
FN 100	Principles of Microeconomic Analysis	12	1	Core
IM102	Business Mathematics	12	1	Core
IM 100	Introduction to Information and Communications Technology	12	1	Core
AC 100	Principles of Accounting I	12	1	Core
MK 100	Introduction to Business	12	1	Core
Total First Semester Credits		**72**		

Code	Course Title	Credits	Trimester	Status
Second Semester				
GM 100	Principles and Practice of Management	12	2	Core
FN 101	Principles of Macroeconomics Analysis	12	2	Core
AC 101	Principles of Accounting II	12	2	Core
MK 101	Principles of Marketing	12	2	Core
DS 113	Development Perspectives II	12	2	Core
CL 108	Business Communication	12	2	Core
	Total Second Semester Credits	72		
Total First Year Credits		**144**		
Second Year: First Semester				
AC 200	Management Accounting	12	1	Core
IM 200	Quantitative Methods for Business Decisions	12	1	Core
FN 200	Principles of Finance	12	1	Core
IM 220	Fundamentals of Procurement and supply chain management	12	1	Core
HR200	Organizational Behaviour	12	1	Core
IM 229	Public Procurement management	12	1	Core
Total First Semester Credits		**72**		
Second Semester				
AC 202	Management Accounting II (Prerequisite AC 101 and AC 200)	12	2	Core
IM 205	Business Research Methods	12	2	Core
GM 200	Business Law and Ethics (Prerequisite GM 100)	12	2	Core
MK223	Distribution and Logistics Management	12	2	Core
IM 231	Warehouse and Inventory Management	12	2	Core
IM 203	Procurement Management	12	2	Core
Total Second Semester Credits		**72**		
Total Second Year Credits		**144**		
	Field Practical with Research Component			
Third Year: First Semester				
GM 333	Practical Training in Procurement and Supply Chain Management	8	1	Core
GM 300	Strategic Leadership in Procurement and Supply Chain Management	12	1	Core
IM 342	International Procurement Management	12	1	Core
IM 325	Transportation Management	12	1	Core
IM 339	Operations Management	12	1	Core
GM 301	Project Management	12	1	Core
AC311	Corporate Governance and Social Responsibility			
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)			
Total First Semester Credits		**80**		

Code	Course Title	Credits	Trimester	Status
Second Semester				
MK 301	Entrepreneurship	12	2	Core
IM320	Procurement Ethics	12	2	Core
IM 317	Negotiation and Contract Management	12	2	Core
IM344	Procurement Auditing and Assurance Services	12	2	Core
IM 354	Port and Terminal Operations Management	12	2	Core
IM 306	E-Commerce and Supply Chain Information Management	12	2	Core
IM 354	Port and Terminal Operations Management	12	2	Elective
MK 324	Management Consulting Skills (Prerequisite GM 100)	12	2	Elective
Total Second Semester Credits		**72**		
Total Third Year Credits		**152**		
Degree Credits		**440**		

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M. Kapesa, Dip. (TPSC)
D. Ernest, Cert. (NBAA)

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*   On Study Leave
**   On Sabbatical Leave
*** On Leave of Absence/Secondment

INTRODUCTION

The School of Education (SoED) is one of the seven schools of the University of Dar es Salaam. It is located at the Mwalimu Julius Kambarage Nyerere Main Campus, on Changanyikeni Road. The School comprises three departments, namely the Department of Educational Psychology and Curriculum Studies (EPCS), the Department of Educational Foundations, Management and Lifelong Learning (EFMLL) and the Department of Physical Education and Sport Sciences (PESS). The School in collaboration with the Institute of Gender Studies in now offering Bachelor of Arts in Gender Studies and Community Development, henceforth it is now offering a total of six three-year undergraduate degree programmes leading to the following awards:

(i)   Bachelor of Education (Psychology) (BEd Psychology)
(ii)   Bachelor of Education (Commerce) (BEd Com)
(iii)   Bachelor of Education (Early Childhood Education) (BEd ECE)
(iv)   Bachelor of Education (Adult and Community Education) (BEd ACE)
(v)   Bachelor of Education (Physical Education and Sport Sciences) (BEd PESS)
(vi)   Bachelor of Arts in Gender Studies and Community Development (BAGSCD)

Additionally, the School offers professional teacher preparation courses to BAEd and BScEd students registered in education degree programmes falling under the the College of Social Science (CoSS), College of Humanities (CoHU) and College of Natural and Allied Sciences (CoNAS) respectively. Furthermore, the School of Education offers courses for secondary school teachers and other professional education personnel at postgraduate level.

Course Codes
The courses offered in the School of Education bear the following codes:
AE: Adult and Community Education courses
CT: Curriculum and Teaching courses
EA: Educational Planning and Administration courses
EF: Educational Foundations courses
EP: Educational Psychology courses
FE: School wide Research Methodology courses
PE: Physical Education and Sport Sciences Courses
GS: Gender Studies

The School of Education courses bears 100, 200 and 300 series for first, and second- and third-year courses respectively. The distribution of course credits in various units is as follows:

First Year Courses
First year Bachelor of Education students shall register for Adult and Community Education, Education, - Commerce, Physical Education, Psychology streams and Gender Studies and Community Development. The maximum number of credits for each stream for first year is 144, while the minimum number of units is 120.

Second Year Courses
The maximum number of credits during this year of study shall be 144, while the minimum number of credits shall be 120. Students registered for Bachelor of Education (Adult and Community Education, and Commerce) shall take a minimum of 84 credits from the School of Education and maximum of 36 credits from CoSS, CoHU, CoNAS and UDBS as appropriate.

Third Year Courses
Third Year Bachelor of Education students shall take a minimum of 84 credits from the School of Education and a minimum of 36 credits from CoSS, CoHU, CoNAS and UDBS as appropriate. The maximum number of credits for this year of study shall be 144.

NB: BAEd and BScEd students shall take a minimum of 144 credits in their course of study from the School of Education to be able to be awarded their respective degrees.

School Examination Regulations

The following regulations shall apply to all students taking education courses in the School of Education:

1. All candidates will be required to take and pass examinations in all the registered courses in any particular semester.
2. Practical Course/Fieldwork in PESS: Any student who fails any component of a practical course or fieldwork shall be deemed to have failed the course.
3. Grading shall be given by one of the letter grades A, B+, B, C, D, E. For averaging purposes, the grades shall have the numerical value of 5, 4, 3, 2, 1 and 0 respectively. The pass grade in each of the courses taken shall be "C". The grade for an absolute fail shall be "E".
4. A minimum of 360 credits shall be used to calculate the final degree standing.
5. Courses shall be weighted by multiplying the final grade of a given course by the number of its course credits, and a candidate's overall performance will be computed by dividing the total course credits into the weighted total for all courses.
6. Coursework marks for theory courses shall be 40 percent while final examinations will be awarded 60%. All methods course shall be awarded 50 percent for coursework and 50 percent for final examinations.
7. A candidate who fails some courses at D or E but attains a GPA not below 1.8 will be required to supplement the failed courses.
8. Where a candidate fails a supplementary examination, s/he shall be allowed to carry over the failed courses provided s/he attains an average GPA of 2.
9. A candidate's final standing in the BEd degree will be determined by the weighted average of all first to third year course marks, including Teaching Practice/Practical Training grades. Except where the regulation allows, the final standing shall not be computed unless all the papers and Teaching Practice/Practical Training have been passed.
10. The final BEd degrees shall be graded as first class, upper second, lower second and pass. These categories shall be awarded as follows:
    First Class: An overall average of 4.4 or higher
    Upper Second: An overall average in the range of 3.5-4.3
    Lower Second: An overall average in the range of 2.7-3.4
    Pass degree: An overall average of between 2.0 and 2.6
11. In each case, the average point shall be calculated on the basis of rounding off to one decimal place (e.g. 4.39 shall be taken as 4.3).

Programme Synopsis

Bachelor of Education in Adult and Community Education (Bed ACE)

The Bachelor of Education in Adult and Community Education is a three-year programme aimed at preparing specialists in the area of adult and community education and development, capable of: demonstrating knowledge and skills in adult and community education methods; designing and developing education and community-based programmes for primary and secondary school dropouts and other categories of people who may not, for various reasons, have access to formal education and training; using knowledge and skills learnt to enhance adult and extension outreach education as a field of study and practice; demonstrating ability to design, initiate and conduct research on community development needs; and extending knowledge and other educational resources and render possible services to the community.

Course Code	Course Title	Credits	Semester	Status
First Year				
EP 101	Principles of Education	12	1	Core
EF 100	Introduction to Educational Psychology	12	1&2	Core
DS 112	Development Perspectives I	12	1	Core
CL 106	Communication Skills	12	2	Core
CT 100	Introduction to Teaching	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
AE 103	Psychology of Adult Learning and Teaching	12	2	Core
AE 104	Foundations of Adult and Community Education	12	1	Core

Course Code	Course Title	Credits	Semester	Status
CT 101	Teaching Practice I	12	2	Core
XXX	Teaching Subjects from CoSS/CoHU/CoNAS/IKS	36	1&2	Core
Second Year				
CT200	Principles of Curriculum Development and Teaching	12	1	Core
CT201	Educational Media and Technology	12	1	Core
EF200	History of Education	12	1	Core
CTX*	Teaching Methodology Course	12	1	Core
DS113	Development Perspectives II	12	1	Core
XXX	Teaching Subjects from CoSS / CoHu /CoNAS/ IKS	36	1&2	Core
AE202	Adult Basic Education and Training	12	1	Core
AE204	Principles of Open and Distance Learning	12	2	Core
AE205	Community Education and Rural Transformation	12	1	Core
CT202	Teaching Practice II	12	2	Core
Elective I (Electives):		12	2	Core
AE 206	Community- Based Research	12	2	Elective
AE 207	Community Education and Social Change	12	2	Elective
AE 208	Gender Education and Development	12	2	Elective
EP 206	Theoretical Perspectives to Counselling	12	2	Core
Third Year				
EP 300	Educational Measurement and Evaluation	12	1&2	Core
EA 300	Management of Educ. & School Administration	12	1	Core
EP 302	Research Methods in Education	12	1	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
AE 306	Contemporary Issues in Lifelong Learning	12	2	Core
AE 308	Human Relations for Community Educators	12	2	Core
AE 307	Practicum in Adult and Community Education	12	2	Core
AE 202	Adult Basic Education and Training	36	1&2	Core
Electives (2) (Electives):		24	2	Elective
AE 301	Human Rights Education	12	2	Elective
AE 300	Management of Adult Education Programmes	12	2	Elective
AE 303	Educations & Training in Work Organisation	12	2	Elective
AE 304	Tutoring in Open and Distance Learning	12	2	Elective
EF 300	Philosophy of Education	12	1	Elective
EF 301	Sociology of Education	12	2	Elective
EF 302	Comparative and International Education	12	2	Elective

Bachelor of Education in Commerce (BEdCom)

The Bachelor of Education in Commerce is a three-year programme aimed at preparing graduate teachers, educators, planners and managers in the area of Commerce. Students are registered in the School of Education in the Department of Educational Foundations Management and Lifelong Learning. Apart from taking courses in the area of Commerce Education from the Department of Educational Foundations Management and Lifelong Learning, students registered for this programme also take some specified courses (teaching subjects) from the University of Dar es Salaam Business School as well as university-wide courses, proposed in the programme structure.

Course Code	Course Title	Credits	Semester	Status
First Year				
EF 100	Principles of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
DS 112	Development Perspectives I	12	1	Core
CL 108	Business Communication	12	1	Core
EA 100	Introduction to Microeconomics of Education	12	1	Core
BM 102	Introduction to Business	12	1	Core
AC 100	Principles of Accounting I	12	1	Core
AC 101	Principles of Accounting II	12	1	Core
EA 101	Approaches to Educational Planning	12	2	Core
CT 100	Introduction to Teaching	12	2	Core
CT 101	Teaching Practice I	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
Second Year				
CT 200	Principles of Curriculum Dev. and Teaching	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
CT 208	Commerce Teaching Methods	12	1	Core
EF 200	History of Education	12	1	Core
EA 200	Human Resources Dev in EducationalOrganizations	12	1	Core
DS 113	Development Perspectives II	12	1	Core
AC 200	Managerial Accounting I	12	2	Core
MK 200	Principles of Marketing	12	2	Core
FN 202	Introduction to Financial Management	12	2	Core
EA 201	School Governance	12	2	Core
CT 202	Teaching Practice II	12	2	Core
Elective 1 (Electives):				
AE 204	Principles of Open and Distance Learning	12	2	Elective
EP 206	Theoretical Perspectives to Counselling	12	1	Elective
CT 203	Pedagogy of Teacher Education	12	2	Elective
Third Year				
EP 300	Educational Measurement and Evaluation	12	1	Core
EA 300	Management of Educ. & School Admin.I	12	1	Core

Course Code	Course Title	Credits	Semester	Status
EA 302	Admin. & Organizational Behaviour in Educ.	12	1	Core
EP 302	Research Methods in Education	12	1	Core
EA 303	Micro-Economics of Education and Finance	12	1	Core
EA 305	Management of Educ. School Admin. II	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
IM 305	Management Information Systems	12	2	Core
MK 301	Small Business and Entrepreneurship	12	2	Core
MK 307	Business Plan Development	12	2	Core
Electives 2 (Electives)		*24*	*1&2*	*Elective*
EF 300	Philosophy of Education	12	1	Elective
EF 302	Comparative and International Education	12	2	Elective
EF 301	Sociology of Education	12	2	Elective
AE 301	Human Rights Education	12	2	Elective

Bachelor of Education in Physical Education and Sport Sciences (BEdPESS)

Course Code	Course Title	Credits	Semester	Status
EF 100	Principles of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
First Year				
DS 112	Development Perspectives I	12	1	Core
PE 100	Foundations of Physical Education and Sport	12	1	Core
PE 101	Human Anatomy and Physiology	12	1	Core
PE 106	Track and Field Athletics	12	1	Core
PE 107	Sport Biomechanics	12	1	Core
PE 109	Swimming and Life Saving	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
CT 101	Teaching Practice I	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
CL 106	Communication Skills	12	2	Core
Second Year				
CT 200	Principles of Curriculum Dev. and Teaching	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
PE 212	Sport, Society and Development	12	1	Core
PE 214	Sports Journalism and Marketing	12	1	Core
PE 208	Handball, Gymnastics and Traditional Games	12	1	Core
CT 202	Teaching Practice II	12	2	Core
EF 200	History of Education in East Africa	8	2	Core
PE 202	Exercise Physiology	12	2	Core
PE 204	Sports Psychology	12	2	Core

Course Code	Course Title	Credits	Semester	Status
PE 209	Soccer and Volleyball	12	2	Core
PE 210	Basketball and Netball	12	2	Core
Electives (1)				
PE 206	Theory and Practice of Fitness and Health	12	2	Elective
PE 211	Legal and Ethical Issues in Physical Education and Sports			
PE 213	Sport Tourism and Outdoor Recreation and Leisure			
Third year				
EA 300	Management of Education and School Administration	12	1	Core
EP 300	Educational Measurement and Evaluation	12	1	Core
EP 302	Research Methods in Education	12	1	Core
PE 300	Sports Medicine	12	1	Core
PE 308	Physical Education in Schools and Colleges	12	1	Core
PE 311	Theory and Methods of Sport Training	12	1	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
PE 303	Motor Learning and Adopted Physical Education	12	2	Core
PE 309	Racket Games (Tennis & Table Tennis)	12	2	Core
PE 310	Organization & Admin. of Physical Education and Sport	12	2	Core
EP 301	Educational Statistics	12	2	Core
Elective (1)		12	2	Elective
PE 307	Aerobics3	12	2	Elective
PE 302	Measurement and Evaluation in Physical Education and Sports	12	2	Core
PE 312	Badminton	12	1	Elective
DS 113	Development Perspectives II	12	2	Core

Bachelor of Education in Psychology (BEd Psy)

This programme aims at developing students' knowledge, understanding and application of theory and empirical research in psychology, as well as to facilitate the mastery of transferable generic skills that are essential in a variety of work settings. The programme will expose students to multiple perspectives of psychology, including educational, biological, cognitive, developmental, social and cultural perspectives. More specifically, the BED Psychology programme aims to enable students to:

(a) Acquire general understanding of the basic principles and methods of psychology as a scientific discipline
(b) Acquire and master a range of research skills in psychology.
(c) Apply psychological principles in facilitating teaching and learning in educational settings.
(d) Equip students with skills to provide psychological services to the Tanzanian community, including counselling, psychotherapy, screening and diagnosis, and psychological testing.

Course Code	Course Title	Credits	Semester	Status
First Year				
EP 100	Introduction to Psychology	12	1	Core
EP 102	Methods of Studying Young Children's Behaviour	12	1	Core
EP 103	Human Development and Learning	12	1	Core
EF 100	Principles of Education	12	1	Core
CL 106	Communication Skills	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
EP 153	Emotional and Behavioural Disorders	12	2	Core
DS 112	Development Perspectives I	12	2	Core
CT 100	Introduction to Teaching	12	2	Core
CT 101	Teaching Practice I	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
Second Year				
DS 113	Development Perspectives	12	1	Core
CT 200	Principles of Curriculum Dev. & Teaching	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
EP 201	Introduction to Social Psychology	12	1	Core
EP 206	Theoretical Perspectives in Counselling	12	1	Core
EP 209	Psychology of Aging	12	1	Core
EF 200	History of Education in East Africa	12	1	Core
EP 207	Practical Orientation to Counseling	12	2	Core
CT 202	Teaching Practice II	12	2	Core
EP 202	Principles of Early Childhood Educ. and Curriculum	24	2	Elective
Electives 2 (Electives)				
EP 221	Parenting Education	12	2	Elective
CT 203	Pedagogy of Teacher Education	12	2	Elective
AE 206	Community Based Research	12	2	Elective
Third Year				
EA 300	Management of Education and School Admin	12	1	Core
EP 300	Educational Management and Evaluation	12	1	Core
EP 302	Research Methods in Education	12	1	Core
EP 305	Introduction to Gender Psychology	12	1	Core
EP 307	Psychology of Exceptionalities	12	1	Core
Programme Structure				
EF 303	Professionalism and Ethics in Education	12	2	Core
EP 303	Psychology of Adolescence	12	2	Core
EP 310	Psychological Research Project	12	2	Core
Electives 1 (Electives)		*12*	*1*	*Elective*
EP 308	Early childhood education	12	2	Elective

Course Code	Course Title	Credits	Semester	Status
EP 309	Psychological Testing and Assessment	12	2	Elective
AE 301	Human Rights Education	12	2	Elective
EF 300	Philosophy of Education	12	1	Elective
EF 301	Sociology of Education	12	2	Elective
EF 302	Comparative and International Education	12	2	Elective

Bachelor of Education in Early Childhood Education (BEd ECE)

This programme aims at preparing experts and practitioners in the fields of early childhood development, care and education with a view to guiding the development and delivery of early childhood services and education. More specifically, the programme aims to:

(a) Generate, promote and disseminate professional information, knowledge and skills on early childhood development and learning.
(b) Prepare experts for guiding and promoting early childhood services to meet the challenges of future developments.
(c) Prepare teachers and practitioners for early childhood educational institutions.

Course Code	Course Title	Credits	Semester	Status
First Year				
EP 100	Introduction to Psychology	12	1	Core
CT 102	Computer Literacy for Teachers	12	1	Core
EP 102	Methods of Studying Young Children's Behaviour	12	1	Core
EP 103	Human Development and Learning	12	1	Core
EP 124	Foundations of Early Childhood Education	12	1	Core
EF 100	Principles of Education	12	1	Core
CL 106	Communication Skills	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
EP 125	Early Childhood Education Practicum	12	2	Core
DS 112	Development Perspectives I	12	2	Core
CT 100	Introduction to Teaching	12	2	Core
CT 101	Teaching Practice I	12	2	Core
Second Year				
DS 113	Development Perspectives II	12	1	Core
CT 200	Principles of Curriculum Development and Teaching	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
EP 200	Human Development and School Learning	12	2	Core
EP 201	Introduction to Social Psychology	12	1	Core
EP 221	Parenting Education	12	2	Core
EP 222	Management of Early Childhood Educational Institutions	12	2	Core
EP 224	Monitoring and Measurement of Childhood Development Processes	12	1	Core
EF 200	History of Education in East Africa	12	1	Core
CT 202	Teaching Practice II	12	2	Core
Electives 2		*24*	*2*	*Elective*

Course Code	Course Title	Credits	Semester	Status
Third Year				
EA 300	Management of Education and School Administration	12	1	Core
EP 300	Educational Management and Evaluation	12	1	Core
EP 302	Research Methods in Education	12	1	Core
EP 305	Introduction to Gender Psychology	12	1	Core
EP 307	Psychology of Exceptionalities	12	1	Core
EP 308	Early Childhood Education	12	1	Core
EP 320	Early Childhood Screening and Assessment	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
EP 321	Communication Methods in Early Childhood	12	2	Core
EP 322	Pre-Literacy Development and Learning	12	2	Core
EP 323	Childhood Development, Health and Nutrition	12	2	Core
Electives 2 (Electives)		*24*	*2*	*Elective*
EP 301	Educational Statistics	12	1	Core
EP 308	Early Childhood Education	12	2	Elective
EP 309	Psychological Testing and Assessment	12	2	Elective
AE 301	Human Rights Education	12	2	Elective
EF 300	Philosophy of Education	12	2	Elective
EF 301	Sociology of Education	12	2	Elective
EF 302	Comparative and International Education	12	2	Elective

Bachelor of Arts in Gender Studies and Community Development

The School offers the Bachelor of Arts in Gender Studies and Community Development (BAGSCD) in collaboration with the Institute of Gender Studies (IGS). This three–year programme aims to prepare experts in gender and community development, capable of:

I. Applying gender and community development theories, approaches, and principles in providing quality services to the society.

II. Applying knowledge on gender policy, gender budgeting and its processes, monitoring and evaluation of matters related to gender and gender mainstreaming across fields at the national, regional and international level.

III. Conducting gender-related participatory research, writing reports, proposing solutions and mobilising resources for enhancing community development.

IV. Generating concrete business ideas and apply entrepreneurship skills to support gender and community development at the national, regional and international levels i.e., Using ICT facilities for writin, documenting, and innovating to facilitate community development.

Course Code	Course Title	Credits	Semester Status
First Year			
GS 100	Introduction to Gender and Community Development	12	Core
GS 101	Gender, Culture and Religion	12	Core
GS 102	Information Communication and Technology (ICT)	12	Core
DS 112	Development Perspective I	12	Core

Course Code	Course Title	Credits	Semester Status
GS 108	Gender Based Violence in Communities	12	Core
GS 104	Gender in Historical Perspective	12	Elective
AN 102	Introduction to Kinship, Sex and Gender	12	Elective
EI 100	Principles of Entrepreneurship and Innovation	12	Core
GS 105	Gender and Rural Development	12	Core
GS 106	Gender Training Skills and Methods	12	Core
GS 107	Reproductive Health	12	Elective
DS 113	Development Perspectives II	12	Core
GS 211	Practical Training I	12	Core
DS 106	Population and Development	12	Elective
Year Two			
GS 200	Research Methods	12	Core
GS 201	Gender Analysis Frameworks	12	Core
GS 202	Guidance & Counselling	12	Core
GS 203	Gender and Law Development	12	Elective
GS 204	Gender Theories & Practices	12	Core
AT 205	Introduction to Gender and Anthropology	12	Elective
JO 211	Gender and Diversity in the Media	12	Elective
GS 206	Gender and Resource Mobilization	12	Elective
GS 207	Project Planning & Management	12	Core
GS 208	Community Development Theories & Practices	12	Core
GS 209	Gender and Transformative Leadership	12	Core
CL222	Leadership Communication	12	Elective
GS 311	Practical Training II	12	Core
AE 206	Community Based Research	12	Elective
AE 207	Community Education and Social Change	12	Elective
Year Three			
GS 300	Gender and Special Needs	12	Core
EI 300	Entrepreneurship and Innovation	12	Core
GS 302	Gender Budgeting and Development	12	Core
GS 303	Gender Mainstreaming and Development	12	Core
GS 304	Gender and Public Relations	12	Elective
DS 306	Monitoring and Evaluation for Development	12	Elective
GS 306	Conflict Management and Resolutions	12	Core
GS 307	Gender and Environment	12	Elective
GS 308	Gender, Literacy & Development	12	Core
GS 309	Gender and Natural Resources Management	12	Core
GS 310	Gender, Politics and Development	12	Core
CL 306	Communication in Conflict Management	12	Elective
AE 301	Human Rights Education	12	Elective

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_____
* On Study Leave
** On Sabbatical Leave
*** On Leave of Absence/Secondment

UNIVERSITY OF DAR ES SALAAM MBEYA COLLEGE OF HEALTH AND ALLIED SCIENCES (UDSM-MCHAS)

INTRODUCTION

The University of Dar es Salaam Mbeya College of Health and Allied Sciences was established in 2014 as the School of Health Sciences (SoH). The college is located in Mbeya, about 800 km from the main campus (Dar es Salaam). The main partners of the college are Mbeya Zonal Referral Hospital (MZRH) and National Medical Research (NIMR). Currently, the college offers two programmes; Doctor of Medicine (MD) and Doctor of Dental Surgery (DDS).

Specific Requirements: Doctor of Medicine
Eligibility for admission into the MD programme will be as follows:

a) **Direct Entrants**
Three principal passes in Physics, Chemistry, and Biology with a minimum of 12 points whereby one must have at least D grade in Chemistry and Biology and Physics.

b) **Equivalent Qualifications**
   (i)   Certificate of Secondary Education Examination (CSEE) with at least five (5) passes, including two credit passes in **Chemistry** and **Biology** and a 'D' grade in **Physics, PLUS** a Diploma in Clinical Medicine with an average of B or GPA 3.0 OR BSc (Lower Second) majoring in Physics/Mathematics, Chemistry, and Biology/Zoology.
   (ii)   Principal level passes in Physics/Mathematics, Chemistry or Biology at "A" level will be an added advantage

Specific Requirements: Doctor of Dental Surgery
(a)   Direct Entrants
Three principal passes in Physics, Chemistry, and Biology with a minimum of 12 points where by one must have at least D grade in Chemistry and Biology and Physics.

(b)   Equivalent Qualifications
   (i)   Diploma in Dental Health Sciences with an average of "B'' or a minimum GPA of 3.0. In addition, an applicant must have a minimum of "D" grade in any five (5) non religious subjects at O-Level or BSc (Lower Second) majoring in Physics/Mathematics, Chemistry, and Biology/Zoology.
   (ii)   Principal level passes in Physics/Mathematics, Chemistry or Biology at "A" level will be an added advantage

1. **Regulations Governing the Award of the Doctor of Medicine (MD) and Doctor of Dental Surgery Degree**
Doctor of Medicine and Doctor of Dental Surgery are ten-semester (five years) competency-based programmes leading to MD and DDS degrees of the University of Dar es Salaam followed by a year of internship in approved hospitals. The 1st four semesters are largely devoted to basic Sciences and introduction to community training through fieldwork. The next six semesters are largely practical and consist of junior and senior clerkships as well as community health training.

2. **Examination regulations**
The general University of Dar es Salaam examination rules and regulations shall apply.

2.1   Specific regulations
2.1.1 Examination Regulations for the MD and DDS Programmes
   i.   The MD and DDS degrees are ten-semester programmes and the maximum tenure shall be 14 semesters.
   ii.   Registration of full-time students shall be once at the beginning of each semester
   iii.   There shall be at least one continuous assessment test (CAT) and regular assessment of competencies for each module/modular course taught during each semester. The field reports

shall also be marked and graded as CAT. The CAT and the regular assessment of competencies shall constitute the Formative Assessment (FA) and the final end of module/modular course or rotation examination, the Summative Assessment (SA).

iv. The FA shall contribute 50% of the final grade at the end of module/modular course/ rotation of University examinations.

v. The FA and SA shall consist of; written (theory paper, quizzes, final reports, assignments, presentations and other assignments) and practical/clinical components (global observation and rating of live/recorded performances, observation of procedures and rating, logbooks, OSPE, OSCE and other assessments). The proportional contribution for written and practical examinations will be 60% and 40% respectively for Basic Sciences and 40% and 60% respectively in Clinical Sciences.

vi. A candidate will be considered to have passed a course after passing all modules/ rotations of the respective course.

vii. A candidate who passes the examination with a C grade or higher will be declared to have passed the examination. A candidate who scores a GPA of 1.6 or higher, but fails in some course(s) shall be required to supplement in the failed course(s) during the long vacation.

viii. A candidate who obtains a GPA of less than 1.6 in an audit year shall bed is continued from studies.

ix. A candidate who fails all the courses in an audit year regardless of the GPA shall be discontinued from studies.

x. A candidate who fails in supplementary examination in basic sciences shall be allowed to carry-over the failed module(s) to the next academic audit year and appear for a second supplementary examination in the failed module(s) of the respective course(s) when next offered during the long vacation provided the GPA is 1.8 or higher. A candidate who fails the second supplementary shall be discontinued from studies.

xi. No candidate shall be allowed to proceed to the clinical year rotations unless and until he/she has passed all semesters 1 to 4 of the programme.

xii. A candidate who fails in a supplementary examnation but has a GPA of 1.8 or higher in semester 3 and 4 shall be allowed to freeze registration and appear for the second supplementary examination when next offered and the maximum freezing period shall be 2 semesters. A student who fails to clear the failed modules/courses within the two semesters shall be discontinued.

xiii. A candidate shall not be considered to have passed any clinical course unless and until he/she has passed the clinical components of the examination, whereby 40% is from FA and 60% from the final examination and contributions of written and clinical examinations are as per regulation (vi)above.

xiv. A candidate who fails junior (semester 5&6) or intermediary (semester 7&8) clerkship clinical rotation examinations shall be required to do a supplementary rotation during the long vacation after semester 6 and 8 respectively, and pass before progressing to the next year of study. A candidate who fails senior clerkship clinical rotation (semester 9 & 10) shall be required to do a supplementary rotation after semester 10. The supplementary rotation is half the duration of that rotation. The maximum tenure of 14 semesters shall not be exceeded.

xv. A candidate with incomplete coursework in any semester will not be allowed to sit for end of module/rotation examination.

xvi. A candidate who passes a supplementary examination at any level shall be awarded a "C" grade equivalent to 2.0 grade points.

xvii. Progression to semester 9 and 10 is subject to completion of clinical rotations and passing University examinations for semester 7&8, and submission of a satisfactory elective research report.

xviii. A student shall be awarded the MD or DDS degree after passing all prescribed courses in the respective programme.

2.1.2 Grading System

Computation of the GPA for the MD programme shall be based on the number of credits approved for each course and shall be equated to the letter grade as shown below. However, the MD degree shall not be classified:

Marks%	LetterGrade	Grade point
75-100	A	4.4-5.0
70-74	B+	3.5-4.3
60-69	B	2.7-3.4
50-59	C	2.0-2.6
45-49	D	1.5-1.9
0-44	E	0-1.4

2.1.3 Regulation for Fieldworks and Reports

The students will do community field work during semester 4. There will be a Communicable Disease Control fieldwork during semester 5/6 for MD students. During semester 7/8there will be Community Medicine Fieldwork and Community Dentistry fieldwork for MD and DDS students respectively as part of training in public health. These fieldworks shall be preceeded by theoretical training, after which students will be assigned in to dispensaries, health centers and DMO weeks including training on district health management system. A student will be required to produce individual reports for each of the parts mentioned above.

There shall be an elective research study for every student and completed by the end of semester 8. Each student will be assigned to a supervisor, and will be required to choose a topic of his/her interest but approved by the supervisor and the department of Social Sciences. A student will carry out research on the topic by his/herself guided by the supervisor throughout all stages of conducting research from proposal development, acquisition of ethical approval, data collection, data analysis, report writing and dissemination of findings. The elective report will be marked and the marks will contribute towards the grade of the elective research.

2.1.4. Calculation of Grade Point Average (GPA)

This is obtained by dividing the sum of the product of grade point (GP) and credit I for each course by the sum of the credits I from each of the courses offered during the audit year. For example:

Course	CreditI	Score	Grade Point (GP)	GPxC
Anatomy AN100	13.8	60	2.713	37.4394
Biochemistry BC100	10.7	70	3.5	37.45
Physiology PH100	9.2	55	2.352	21.6384
Behavioral Sciences BS100	10.4	72	3.54	36.816
DS100	4.6	74	3.58	16.468
Total	**48.7**			**149.8118**

GPA = ∑ (GPxC) ÷∑C = 149.8118 ÷ 48.7 = 3.07 which is truncated to 3.0 (note that there is no rounding off when truncating)

Summary of the courses under the MD Programme

All courses under the programme will be compulsory/core courses. The courses shall be organized into 10 semesters (five years) as follows:

Course code	Course Name	Credits	Semester
First Year			
AN 101	Human Anatomy	28.5	1
PH 102	Physiology	16.0	1
BC 101	Biochemistry	10.0	1
SA 101	Medical Sociology and Anthropology	6.5	1
DS 112	Development Perspectives I	12.0	1
AN 101	Human Anatomy	20.0	2
BC 101	Biochemistry	17.5	2

Course code	Course Name	Credits	Semester
PH 101	Physiology	17.5	2
MP 101	Medical Psychology	18.0	2
NC 101	Basic Communication Skills	5.25	2
Second Year			
MI 201	Microbiology and Immunology	12.5	3
PE 201	Medical Parasitology and Entomology	16	3
PG 201	Pathology	13	3
BE 201	Biostatistics and Epidemiology	12.5	3
PT 201	Clinical Pharmacology and Therapeutics	16.0	3
PG 201	Pathology	13.5	4
FT 201	Forensic Medicine and Toxicology	6.0	4
MI 201	Microbiology and Immunology	10.5	4
PS 201	Psychopathology	6.5	4
PF 201	Professionalism and Ethics	5.5	4
RP 201	Medical Research – Public Health Project	16.5	4
HB 201	Hematology and Blood Transfusion	12.0	4
Third Year			
IM300	internal medicine	7.8	5 &6
MH300	Paediatrics and child health	7.8	5 &6
MS300	Surgery	7.8	5 &6
MG300	Obstetrics and gynecologyy	5.0	5 &6
PF300	Professionalism and Ethics	1.8	5 &6
MD300	Communicable Diseases Control	4.0	5 &6
RO300	Radiology	4.8	5 &6
**ED 301	Emergency Medicine	20.0	5 &6
Fourth Year			
PS400	Psychiatry	10.0	7 & 8
MC400	Community Medicine	9.0	7 & 8
ME400	MD Research Project	3.8	7 & 8
OL400	Otorhinolaryngology	5.0	7 & 8
OP400	Ophthalmology	5.0	7 & 8
MA400	Anaesthesiology	6.0	7 & 8
**MF401	Dental and Oral Surgery	20.0	7 & 8
Fifth Year			
IM500	Internal medicine	7.9	9 &10
MH500	Paediatrics & ChildHealth	5.9	9 &10
MS500	Surgery	6.3	9 &10
MG500	Obstetrics and gynecology	6.6	9 &10
OT500	Orthopaedics, Trauma & Neurosurgery	6.8	9 &10

**Elective Course

Summary of the courses under the DDS Programme

All courses under the programme will be compulsory/core courses. The courses shall be organized into 10 semesters (five years) as follows:

Course code	Course Name	Credits	Semester
First Year			
AN 101	Human Anatomy	28.5	1
PH 102	Physiology	16.0	1
BC 101	Biochemistry	10.0	1
SA 101	Medical Sociology and Anthropology	6.5	1
DS 112	Development Perspectives I	12.0	1
AN 101	Human Anatomy	20.0	2
BC 101	Biochemistry	17.5	2
PH 101	Physiology	17.5	2
MP 101	Medical Psychology	18.0	2
NC 101	Basic Communication Skills	5.25	2
Second Year			
MI 201	Microbiology and Immunology	12.5	3
PE 201	Medical Parasitology and Entomology	16	3
PG 201	Pathology	13	3
BE 201	Biostatistics and Epidemiology	12.5	3
PT 201	Clinical Pharmacology and Therapeutics	16.0	3
PG 201	Pathology	13.5	4
FT 201	Forensic Medicine and Toxicology	6.0	4
MI 201	Microbiology and Immunology	10.5	4
PS 201	Psychopathology	6.5	4
PF 201	Professionalism and Ethics	5.5	4
RP 201	Medical Research – Public Health Project	16.5	4
HB 201	Hematology and Blood Transfusion	12.0	4
Third Year			
RN 301	Radiology and Nuclear Medicine	28	5 & 6
EM 301	Emergency Medicine	14	5 & 6
SU 301	Surgery	14	5 & 6
IM 301	Internal Medicine	14	5 & 6
MF 301	Basics of Oral and Maxillo-Facial Surgery	16	5 & 6
OR 301	Phantom-Orthodontic	13.5	5 & 6
OM 301	Phantom-Periodontology	13.5	5 & 6
OD 301	Phantom-Operative Dentistry	13.5	5 & 6
DM 301	Phantom-Applied Dental Materials	13.5	5 & 6

Course code	Course Name	Credits	Semester
Fourth Year			
OL 401	Otorhinolaryngology	14.0	7 & 8
OM 401	Basics of Periodontology	14.0	7 & 8
PD 401	Prosthodontics I	14.0	7 & 8
OD 401	Clinical Operative Dentistry I	14.0	7 & 8
PW 401	Paediatric Dentistry I	14.0	7 & 8
MF 402	Applied Oral and Maxillo-Facial Surgery [Diagnosis]	14.0	7 & 8
CD 401	Preventive and Community Dentistry	28.0	7 & 8
CO 401	Clinical-Orthodontic I	14.0	7 & 8
CP 401	Prosthodontics I	14.0	7 & 8
Fifth Year			
OD 502	Clinical-Operative Dentistry II	23.3	9 & 10
CO 502	Clinical Orthodontics II	23.3	9 & 10
PD 502	Prosthodontics II	23.3	9 & 10
MF 502	Applied Oral and Maxillo-Facial surgery II	23.3	9 & 10
OM 502	Clinical Periodontology	23.3	9 & 10
PW 502	Paediatric Dentistry II	23.3	9 & 10

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A. Kilungu, MD, Mmed (MUHAS)
*D. Nassoro, MD (MUHAS), Mmed (UDOM)

Tutorial Assistant
*F. Chinyama, MD (MUHAS)
*I. S. Masagati, MD (Dar)
O. T. Massoy, MD (KCMCo)

Department of Surgery
Lecturer and Head
D. S. Mwaja, MD (MUHAS), MMED (CUHAS)

Lecturers
D. S. Mwaja, MD (MUHAS), MMED (CUHAS)
E. R. Samky, MD (Cluj Napoca), Mmed (Dar)
F. J. Kiwara, MD (KCMUCo), MMED (CUHAS)

Tutorial Assistant
*M. P. Mgeleka, MD (Cuba)
M. Israel, MD (IMTU)
O. O. Mapunda, MD (CUHAS)

Department of Obsteric and Gynecology
Lecturer and Head
F. J. Rwegoshora, MD (Dar), Mmed (Dar)

Lecturers
F. J. Rwegoshora, MD (Dar), Mmed (Dar)
G. Mbwanji, MD (Dar), Mmed (Dar)
R. Mokeha, MD, Mmed (MUHAS)
D. D. Mkenda, MD, Mmed (MUHAS)
J. D. Katumba, MD (CUHAS), Mmed (MUHAS)
A. Kaminyoge, MD, Mmed (MUHAS)
M. Nganga, MD, Mmed (MUHAS)
E. Kimambo, MD, Mmed (MUHAS)
E. Mwalumuli, MD (KCMUCo), Mmed (MUHAS)
G. D. Mosha, MD, Mmed (MUHAS)

Tutorial Assistant
*J. Christopher, MD (MUHAS)
J. A. Mwainyaga, MD (SFUCHAS)

Department of Paediatric and Child Health
Lecturer and Head
N. M. Mniwa, MD (St. Petersburg I.P. Pavlov State), Mmed (Huazhong)

Lecturer
N. M. Mniwa, MD (St. Petersburg I.P. Pavlov State), Mmed (Huazhong)
J. T. Massaro, MD (Fujian), Mmed (MUHAS)
A. J. Haule, MD (MUHAS), Mmed (KCMUCo)
V. G. Maghina, MD (KCMUCo), Mmed (CUHAS)
R.I. Marando, MD (Kairiki), Mmed (CUHAS)
E. Balama, MD (CUHAS), Mmed (Fujian)

Tutorial Asistant
*E. Ernest, MD (MUHAS)

Department of Radiology and Nuclear Medicine
Lecturer and Head
C. Ngatunga, MD, Mmed (MUHAS)

Lecturers
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N. Mwakyusa, MD, Mmed (MUHAS)
H. Maro, MD (KCMUCo), Mmed (MUHAS)

Tutorial Assistant
J. A. Sumawe, MD (MUHAS)
J. M. Masaka, MD (KCMUCo)

Department of Ortohinolaryngology
Lecturer and Head
B. Ngunyale, MD, Mmed (MUHAS)

Lecturers
B. Ngunyale, MD, Mmed (MUHAS)
V. E. Anyandwile, MBBS (IMTU), Mmed (Huazhong)
R. Gabriel, MD, Mmed (MUHAS)

Tutorial Assistant
*J. Makonda, MD (KCMUCo)
K. R. Hamis, MBBS (IMTU)

Department of Anesthesiology and Intensive Care
Lecturer and Head
A. Zacharia, MD, Mmed (MUHAS)

Lecturers
A. Zacharia, MD, Mmed (Dar)
G. Mwakisambwe, MD (Russia), Mmed (CUHAS)
L. F. KombaMD (CUHAS), MMED (KCMUCo)
S. R. Safari, BSc.N, MSc (MUHAS)

Department of Orthopaedics and Trauma
Lecturer and Head
J. Mbanga, MD (CUHAS), Mmed (MUHAS)

Lecturers
J. Mbanga, MD (CUHAS), Mmed (Dar)
J. Msemwa, MD (KCMUCo), Mmed (MUHAS)
L. Sakafu, MD, Mmed (MUHAS)
S. M. Joseph, MD, Mmed (MUHAS
B. M. Mponda, MD, Mmed (MUHAS)

Tutorial Assistant
*J. Olomi, MD (MUHAS)

Department of Ophthalmology
Lecturer and Head
B. Mshangila, MD (Dar), Mmed (Kampala)

Lecturers
B. Mshangila, MD (Dar), Mmed (Makerere)
J. Ngalula, MD (CUHAS), Mmed (MUHAS)
S. C. Nyamsaya MD, Mmed (MUHAS)

Department of Emergency Medicine
Head and Lecturer
P. Bashaka, MD (CUHAS), Mmed (MUHAS)

Lecturer
P. Bashaka, MD (Dar), Mmed (CUHAS)

Tutorial Assistant
J. Bilalo, MD (IMTU)

Department of Dental and Oral Surgery
Lecturer and Head
H. Mwakayoka, DDS (Dar), Mmed (MUHAS)

Senior Lecturer
E. A. Mugonzibwa, DDS (Dar), PhD (Nijimegen)
B. Kalyanyama, PhD, MSc, (Moscow), DDS (Dar), Massist Cert. (Bugando)

Lecturers
H. Mwakayoka, DDS (Dar), Mdent (Dar)
M. L. Birigi, DDS, Mdent (MUHAS)

Tutorial Assistant
E. Mwan'gande, DDS (MUHAS)
O. B. Mbilikile, DDS (MUHAS)

Department of Psychiatry and Mental Health
Head and Lecturer
B. T. Mwandete, MD, Mmed (MUHAS)

Lecturer
B. T. Mwandete, MD, Mmed (MUHAS)

Tutorial Assistants
E. S. Bukuku, MD (KCMUCo)
B. S. Balibusa, MD (CUHAS)
L. A. Ndelwa, BCP (UI), MSc (Dar)
K. Nyaborogo, MD, (MUHAS)

*On Study leave

UNIVERSITY OF DAR ES SALAAM SCHOOL OF LAW (UDSoL)

INTRODUCTION
The University of Dar-es-Salaam School of Law (UDSoL) has three Departments, which superintend the various courses that are offered to candidates. These are the Department of Public Law, the Department of Private Law and the Department of Economic Law. Each Department superintends the teaching and management of specified courses.

Programmes Offered
The School offers the following undergraduate programmes:
(i)   Bachelor of Laws (LL.B.);
(ii)   Bachelor of Arts in Law Enforcement (BA.LE); and
(iii)   Certificate in Law (Cert. Law/CTL).

(A) Entry Requirements and Admission Process (Equivalent Qualifications)
1.   The UDSoL Board may recommend for admission into the LL.B. or BA.LE Programme an applicant with a distinction grade/pass mark in the Certificate in Law Programme from the University of Dar es Salaam.
2.   The recommendation by the Board may, among other criteria, consider the applicant's Pass mark at Ordinary and/or Advanced Secondary School education, where applicable.
3.   Applicants for the L.L.B and BA.LE Programmes through the category of equivalent qualifications shall be only considered for admission from Institutions recognized by the Senate of the University of Dar-es-Salaam, on the recommendation of the UDSoL Board.

(B) Examination Regulations
UDSoL Regulations shall be read together with the General University Examination Regulations.

1.   Registration of Students
Without prejudice to other rules or circulars relating to registration, all first-year students shall register with the UDSoL administration office during the orientation week.

2.   Conduct of Examinations
(i)   A student must have attended a minimum of 75% of the lectures and seminars (where offered) to be eligible to sit for the end of semester written examination in the course otherwise the Dean retains the power to bar any student's access to examination where the Dean is satisfied that the candidate does not qualify to sit for the examination as required by Regulations, either by reason of poor attendance in lectures and seminars or poor performance in coursework. A student who is so barred:
    (a)   Shall be deemed to have failed the course at "E" grade;
    (b)   Shall be required to carry over the course, subject to other Regulations.
(ii)   Examinations for all courses shall normally be administered at the end of the semester.
(iii)   Examiners may, where there are compelling reasons, with approval of the Deputy Vice Chancellor in charge of academics, arrange for examinations to be conducted at any time during the 1st semester or 2nd semester, as the case may be, provided candidates are given adequate notice of the examination in question.
(iv)   Subject to these Regulations, a candidate shall do examinations in all courses prescribed for a particular examination session in the same examination session.
(v)   Subject to these Regulations, examinations in the UDSoL shall only be held during University examination sessions and at no other time.
(vi)   A candidate who, under these Regulations is not permitted to take a written examination in any course may be recommended for discontinuation or required to repeat a year as the case may be.

3. **Progress from Year to Year**

A candidate who fails to attain a GPA of 1.8 shall be discontinued from studies.

4. **Supplementing and Carrying over of Failed Courses**

(i) A candidate failing in some courses in any one year shall be required to supplement, provided that the overall GPA is not less than 1.8.

(ii) Supplementary examination shall be marked out of 60 and the coursework marks obtained earlier, if any, (out of 40) shall be added to the supplementary examination marks to give the student a "C", "D", or "E" grade.

(iii) For the avoidance of doubt a course that has been supplemented will be awarded a maximum of "C" grade.

(iv) A candidate who scored an overall GPA pass mark of 2.0 or above after Supplementary Examination, may be allowed to carry over flexibly into the subsequent academic years such number of failed courses as are requisite for the fulfilment of the requirement of passing a total minimum number of course units for the degree programme. The minimum overall GPA shall be calculated in accordance with the credits weighting of the individual courses. A candidate who does not meet these conditions shall be discontinued.

(v) Carrying over failed courses into subsequent years shall imply repeating the failed courses in the subsequent years by fulfilling all requirements of the course and shall be assessed with the maximum obtainable grade being "C".

(vi) Carryover of optional courses will only be allowed in exceptional circumstances, normally only when those credits are needed to get the minimum number of credits to qualify for the degree award.

(vii) All carried over courses shall be cleared within the allowable maximum period of registration otherwise the student will be discontinued from studies. The maximum period of registration is five years for a programme that takes three years and six years for a four-year programme

(viii) A candidate who has been permitted to supplement LW 400 (LL.B. Dissertation) shall do the same research topic under the same supervisor.

(ix) Where a candidate fails a non-law course the applicable Regulations or rules on supplementary examination from the respective Unit, Department or Institute shall apply accordingly.

5. **GPA**

(i) The minimum overall GPA shall be calculated in accordance with the unit weighting of the individual courses.

(ii) A student shall be discontinued from studies at the University if he/she attains an overall GPA of less than 1.8. A student shall be discontinued from studies if, after sitting for supplementary examinations, he/she obtains a GPA of less than 2.0

6. **Special Examinations**

(i) Special examinations given at the time of supplementary examinations will be treated as first sitting and graded as such;

(ii) A candidate who is required to sit for a special examination or who, for satisfactory reasons has not completed an important portion of his/her coursework, shall be awarded a "PEX" ("Postponed Exam") grade or "I" ("Incomplete") grade respectively;

(iii) A candidate who has been awarded a "PEX" or "I" grade is required to clear the course during the time of supplementary examinations for that academic year. Except with the approval of the School Board, any student with a "PEX" or "I" grade for a course that is not cleared at the time of the supplementary examinations will be considered to have absconded.

7. **Assessment**

(i) Course grade shall be based on an end-of-course examination and a coursework assessment. The coursework assessment shall constitute 40% of the marks of the total course assessment. Final examination shall constitute the other 60% of the marks.

(ii) A student who obtains less than 16/40 in his/her coursework grade shall be deemed to have failed the coursework, and shall be barred from taking the Examination in that course

(iii) A student who is so barred shall be required to carry over the course, subject to other applicable Regulations.

(iv) A student who fails the Examination but eligible to sit for a Supplementary Examination shall not retake coursework assessment.

8. **Examination Irregularity**

A candidate alleged to be involved in examination irregularities shall have his/her results withheld until final determination of the matter by the Senate.

9. **Examination Results in General**
    (i) Internal Examiners shall individually submit marks and grades of each candidate in their respective courses to the Departmental or School Board of Examiners for checking of computational errors and for provisional publication of the semester's results;
    (ii) The Departmental or School Examinations Officer shall bring to the attention of the internal examiner all cases of fundamental differences in marks and grades between the internal examiner and external examiner(s) in the course(s) the internal examiner is responsible for. The Departmental or School Examinations Officer shall also report such cases to the Departmental or School Board of Examiners for deliberation and/ or adjudication.
    (iii) The Departmental or School Board shall assess the results in the respective Department and make recommendations to the Board of the UDSoL. In the event of any disagreement of a fundamental nature between an internal examiner and an external examiner on the marks and grade of a candidate the Board of Examiners of the UDSoL shall adjudicate upon the matter and make a recommendation to the Senate.
    (iv) Where the Board of the UDSoL has endorsed the provisional examination results, specific marks or grades for coursework and written examinations in a course shall not be disclosed to a candidate.

10. **Publication of Grades**
    (i) Each Department shall be required to process examination results of candidates at departmental level before submitting them to the Associate Dean responsible for examinations at the UDSoL for further processing to the Board of Examiners.
    (ii) The Dean shall, before the commencement of the 2nd semester, publish provisional results in each course whose examination was done during the 1st semester.
    (iii) Provisional examination results shall be published bearing only candidates' numbers and not their names, pending approval of the results by the Senate.

11. **Appeals**
    (i) The Appeals Board of the UDSoL shall not entertain an appeal from a candidate unless such appeal is based on grounds recognized by the University Regulations pertaining to appeals.
    (ii) Where an appeal is based on medical factors or grounds, a medical report endorsed by the University Health Centre must be submitted together with the appeal; otherwise, the appeal will not be considered. Similarly, where the appeal is based on social factors, the opinion of the Dean of Students of the University shall be submitted before the appeal can be considered.
    (iii) Normally, an appeal will not be considered where a candidate had an opportunity to postpone studies or examination(s) but voluntarily opted not to take that opportunity.
    (iv) Save where the candidate establishes reasonable grounds for prejudice, incompetence, or lack of integrity of the Internal Examiner, the Appeals Board of the UDSoL shall not consider an appeal for re-marking of an examination script in a course by the Internal Examiner.

12. **Medical and other Reports**

The Departmental Board shall be provided with a full report including a report from the University Health Centre or the Dean of Students, in the exercise of its role in respect of recommending to the Board of the University of Dar es salaam School of Law that a candidate be discontinued or be allowed to do a special examination or carry over the course.

LLB Programme Courses

Course Code	Course Title	Credits	Semester	Core/Optional
First Year				
LW 100	Constitutional Law I	12	1	Core
LW 104	Constitutional Law II	12	2	Core
LW 101	Law of Contract	12	1	Core
LW 105	Law of Contract II	12	2	Core
LW 102	Criminal Law and Procedure I	12	1	Core
LW 106	Criminal Law and Procedure II	12	2	Core
LW 103	Legal Method I	12	1	Core
LW 107	Legal Method II	12	2	Core
LW 108	Communication Skills for Lawyers I	12	1	Core
LW 109	Communication Skills for Lawyers II	12	2	Core
IS131	Computer Skills	12	1	Core
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
Second Year				
LW 200	Administrative Law I	12	1	Core
LW 206	Administrative Law II	12	2	Core
LW 201	Public International Law	12	1	Core
LW 202	Land Law I	12	1	Core
LW 207	Land Law II	12	2	Core
LW 203	Law of Torts I	12	1	Core
LW 208	Law of Torts II	12	2	Core
LW 205	Legal History	12	1	Core
LW 204	Evidence I	12	1	Core
LW 209	Evidence II	12	2	Core
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
Third Year				
LW 300	Jurisprudence 1	12	1	Core
LW 301	Family Law	12	2	Core
LW 302	Law of Business Associations	12	1	Core
LW 303	Labour Law	12	1	Core
LW 304	Legal Writing and Drafting	12	2	Core
LW 305	Legal Research	12	2	Core
LW 306	Jurisprudence II	12	2	Core
LW 307	Law of Succession and Trusts	12	1	Core
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
** Semester depends on the course selected				

Course Code	Course Title	Credits	Semester	Core/ Optional
Fourth Year				
LW 400	LL.B. Dissertation	24	1&2	Core
LW 401	Civil Procedure I	12	1	Core
LW 405	Civil Procedure II	12	2	Core
LW 402	Arbitration and Alternative Dispute Resolution	12	2	Core
LW 403	Private International Law	12	1	Core
LW 404	Legal Ethics	12	1	Core
LW 406	Environmental Law	12	2	Core
LW 407	East African Community Law	12	2	Core
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional
LW 450	Select from approved LW 450 series courses	12	**	Optional

12.1   Students should consult Heads of Department before selecting the optional courses since not all courses on the Prospectus would be on offer in a particular semester.

12.2   The total minimum credits for purposes of GPA calculations is 144+ 132 + 132= 408 derived from 2nd, 3rd and 4thyear examination results.

13.   The LW 400 LL.B. Dissertation and Optional Courses

13.1   The field component for the LW 400 LLB Dissertation shall be done during the long vacation of the 3rd year as part of LW 305 Legal Research for the duration of 8 weeks.

13.2   The LL.B. Dissertation shall be between 10,000 and 14,000 words that is between 30 and 40 pages on A4 white paper, double spaced in size 12 Times New Roman font characters and shall comply with the approved UDSOL Citation and Reference Guidelines available at the School's website. Students shall be required to submit 2 hardbound copies and soft copies of their dissertations. They shall also comply with other directions issued by the Coordinator on the format relating the appearance of the external cover of the dissertations.

13.3   In addition to core courses required for a particular academic year, a student in the 2nd, 3rd and 4th Year of study, shall be required to meet the minimum prescribed credits from the optional courses on offer.

13.4   Before the end of each academic year 1st, 2nd and 3rd Year students shall select and register his or her course programme for the following academic year. Course registration shall be done online using the   electronic course registration system or as determined by the Dean.

13.5   Two weeks before the end of an academic year or at any other time, the Dean after consultations with Heads of Departments will announce the list of optional courses on offer during the following Academic Year.

13.6   Availability of optional courses will be determined by the Dean and will depend on the availability of lectures.

13.7   The Dean may change an optional course on offer if there are circumstances necessitating such a course to be taken or omitted.

13.8   Where the Dean changes the options that have been advertised, students who have been affected shall be allowed to select new optional courses.

Optional courses shall be announced by the Dean from the following list for 2nd, 3rd and 4th Year students:

Course Code	Course Title	Credits
LW 450	Agency and Bailment Law	12
LW 451	Air and Space Law	12
LW 452	Banking Law	12
LW 497	Business Associations Law II	12
LW 453	Canon Law	12
LW 454	Capital Markets and Securities	12
LW 455	Law of Carriage	12
LW 456	Law of the Child	12
LW 457	Commercial and Consumer Transaction Law	12
LW 458	Comparative Law	12
LW 459	Competition Law	12
LW 460	Computer Law	12
LW 461	Conflict Resolution Law	12
LW 462	Construction Law	12
LW 498	Conveyancing Law	12
LW 463	Criminology and Penology	12
LW 464	Cultural Property and Antiquities Law	12
LW 465	Customary Law	12
LW 466	Entertainment Law	12
LW 467	Gender and the Law	12
LW 468	Health Law	12
LW 469	Hire Purchase Law	12
LW 470	Human Rights Law	12
LW 471	Insolvency Law/Bankruptcy Law	12
LW 472	Insurance Law	12
LW 473	Integration Law	12
LW 474	Intellectual Property Law	12
LW 476	International Humanitarian Law	12
LW 477	International Organizations Law	12
LW 488	Private International Trade and Finance Law	12
LW 489	Public International Trade Law and International Commercial Dispute Settlement	12
LW 499	Law and the Internet	12
LW 478	Investment Law	12
LW 479	Islamic Law	12
LW 475	Labour Law II	12
LW 481	Landlord and Tenant Law	12
LW 482	Local Government Law	12
LW 483	Maritime Law	12
LW 484	Media Law	12
LW 480	Law of Mortgages	12
LW 485	Natural Resources Law	12
LW 486	Law of Negotiable Instruments	12
LW 487	Planning Law	12
LW 490	Refugee Law	12
LW 491	Regulatory Law	12
LW 492	Law of the Sea	12

Course Code	Course Title	Credits
LW 493	Social Security Law	12
LW 494	Tax Law I	12
LW 495	Tax Law II	12
LW 496	Telecommunications Law	12
DS	Series Development Perspectives	12

Bachelor of Arts in Law Enforcement Programme Courses

Course Code	Course Title	Credits	Semester	Core/ Optional
First Year				
LWE 103	Legal Method	12	1	Core
LE 100	Research Methodology	8	1	Core
LE 101	Public Administration and Law Enforcement	12	1	Core
LWE 525	Human Rights Law	12	1	Core
LE 102	Psychosocial Studies	12	1	Core
LWE 100	Constitutional Law	12	1	Core
LE 103	Public Ethics and Law Enforcement	12	2	Core
LWE 200	Administrative Law	12	2	Core
LWE 201	Public International Law	12	2	Core
LE 104	Psychosocial Studies II	12	2	Core
DS 112	Development Perspectives I	12	1	Core
LWE 104	Communication Skills for Lawyers	12	2	Core
Second Year				
LE 200	Leadership in Law Enforcement	8	1	Core
LWE 530	International Humanitarian Law	12	1	Core
LWE 102	Criminal Law and Procedure I	12	1	Core
LE 201	Management in Law Enforcement	12	1	Core
LE 202	Public Health and Environment	8	1	Core
LE 400	Series from list of optional courses	8	1	Optional
LE 400	Series from list of optional courses	8	1	Optional
ST 113	Basic Statistics and Law Enforcement	12	2	Core
LE 204	Juvenile Justice Law	12	2	Core
LWE 467	Gender and the Law	12	2	Core
LE 205	Logistics and Law Enforcement	8	2	Core
LWE 204	Law of Evidence	12	2	Core
LE 400	Series Select from list of optional courses	8	2	Core
LE 400	Series Select from list of optional courses	8	2	Core
Third Year				
LE 300	Techno-mathematics in Law Enforcement	8	1	Core
LE 301	Trans-national Crimes Law	8	1	Core
LE 302	Communication Technology in Law Enforcement	8	1	Core
LE 303	Security Procedures & Firearms Management	8	1	Core
LE 304:	Legal Aspects of Community Engagement	12	1	Core
LE 305	Dissertation	12	1	Core
LE 400	Series from list of optional Courses	8	1	Optional

Course Code	Course Title	Credits	Semester	Core/ Optional
LE 400	Series from list of optional Courses	8	1	Optional
LWE 463	Criminology and Penology	12	2	Core
LWE 106	Criminal Law and Procedure II	12	2	Core
LE 306	International Law Enforcement	12	2	Core
LE 307	Law Enforcement Intelligence and Application	12	2	Core
LE 308	Forensic Science and Law Enforcement	12	2	Core
LE 400	Series from list of optional Courses	8	2	Optional
LE 400	Series from list of optional Courses	8	2	Optional

Optional courses shall be announced by the Dean from the following list for 2ⁿᵈ and 3ʳᵈ Year students

Course Code	Course Title	Credits	Semester	Core/ Optional
LE 400	Anti-Terrorism Law	12		
LE 401	Criminal Investigations	12		
LE 402	Criminology	12		
LE 403	Cyber Crimes	12		
LE 404	Financial Crimes*	12		
LE 405	Fire and Accident Investigations	12		
LE 406	Fire and Rescue Services Administration	12		
LE 407	Immigration Administration	12		
LE 408	Immigration Investigations	12		
LE 409	Penology	12		
LE 410	Police Administration	12		
LE 411	Prisons Administration	12		
LE 412	Prisons Investigations	12		
LE 413	Road Traffic Investigations	12		
LE 414	Trafficking Control and Prevention Law	12		
LE415	Survival Techniques and Self Defence			

14. The LE 305 B.A Law Enforcement Dissertation and Optional Courses

14.1 The field component for the LE 305 BALE Dissertation shall be done during the long vacation of the 3ʳᵈ year as part of LW 305 Legal Research for the duration of 8 weeks.

14.2 The BALE Dissertation shall be between 10,000 and 14,000 words that is between 30 and 40 pages on A4 paper, double spaced in size 12 Times New Roman font characters and shall comply with the approved UDSOL Citation and Reference Guidelines available at the School's website. Students shall be required to submit 2 hardbound copies and soft copies of their dissertations. They shall also comply with other directions issued by the Coordinator on the format relating the appearance of the external cover of the dissertations.

14.3 In addition to core courses required for a particular academic year, a student in the 2ⁿᵈ and 3ʳᵈ Year of study, shall be required to meet the minimum prescribed credits from the optional courses on offer.

14.4 Be-fore the end of each academic year, 1ˢᵗ and 2ⁿᵈ Year students shall select and register his or her course programme for the following academic year. Course registration shall be done online using the electronic course registration system or in any other manner determined by the Dean

14.5 Two weeks before the end of an academic year or at any other time, the Dean after consultations with Heads of Departments will announce the list of optional courses, if any, on offer during the following Academic Year.

14.6 Availability of the optional courses will be determined by the Dean and will depend on the availability of lectures.

14.7 The Dean may change an optional course on offer if there are circumstances necessitating such a course to be taken.

14.8   Where the Dean changes the options that have been advertised, students that have been affected shall be allowed to select new optional courses.

15. Certificates in Law Programme
Centers may be allowed to Host the Programme on behalf of the School of Law after complying with all prerequisites.

15.1   The UDSoL runs the Programme through accredited Centers. The University on the recommendation of the School Board shall announce the list of Centers, which will be eligible to host the programme before the commencement of the admission process for each academic year.

15.2   It is the responsibility of the School to recommend to Senate in which Centre a candidate admitted in the programme is to undergo training.

15.3   All Centers are subject to these regulations and those regulating the conduct and management of such Centers in respect of the programme.

16. Entry Requirements and the Admission Process
16.1   All candidates aspiring to join the programme must apply online through the University admission system that can be accessed via udsm.admission.ac.tz. No center is allowed to register a Candidate without the admission letter issued to the candidate by the University of Dar es salaam.

16.2   A candidate, before being admitted to the course, must have obtained Certificate of Secondary Education Examination (C.S.E.E) and scored a minimum of 'D' grade in four (4) subjects or equivalent or passed the Advanced Certificate of Secondary Education Examination (A.C.S.E.E.).

16.3   A candidate who does not have such a certificate may be admitted in exceptional circumstances on the recommendations of the Board of the University of Dar es Salaam School of Law.

17. The duration of study shall be for a maximum period of 2 semesters of full-time attendance. Candidates who wish to pursue the programme on a part time basis shall be required to obtain special permission of the School Board provided that the maximum duration for a candidate to remain enrolled in the programme shall not exceed two years. Teaching shall adhere to the Semester System of the University of Dar es Salaam.

18. Courses

Course Code	Course Title	Credits	Semester	Core/ Optional
CTL 100	Public Law I	12	1	Core
CTL 101	Public Law II	12	2	Core
DS 112	Development Perspectives I	12	1	Core
CL 100	Communication Skills	12	1	Core
CTL 200	Select from approved CTL 200 series courses	12	1	Optional
CTL 200	Select from approved CTL 200 series courses	12	1	Optional
CTL 200	Select from approved CTL 200 series courses	12	2	Optional
CTL 200	Select from approved CTL 200 series courses	12	2	Optional
CTL 200	Select from approved CTL 200 series courses	12	2	Optional
CTL 200	Select from approved CTL 200 series courses	12	2	Optional
CTL 200	Criminal Law and Public Order	12		
CTL 201	General Principles of Private Law	12		
CTL 202	Labour Law	12		
CTL 203	Law of Business Associations	12		
CTL 204	Law of International Trade and Finance	12		
CTL 205	Law of Banking	12		
CTL 206	Law of Insurance	12		
CTL 207	Negotiable Instruments	12		
CTL 208	Commercial and Consumer Transactions Law	12		
CTL 209	Law of Evidence	12		
CTL 210	Criminal Procedure	12		

CTL 211	Civil Procedure	12			
CTL 212	Human Rights Law	12			
CTL 213	Immigration Law	12			
CTL 214	Refugee Law	12			
CTL 215	Planning Law	12			
CTL 216	Family Law	12			
CTL 217	Law of the Child	12			
CTL 218	Media Law	12			
CTL 219	Local Government Law	12			
CTL 220	Law of Carriage	12			
CTL 221	Regulatory Law	12			
CTL 222	Criminology and Penology	12			

19. Examinations

19.1 Certificate in Law candidates must satisfy the examiners by attaining a minimum of 48 credits in compulsory courses and 60 credits in optional courses.

19.2 No candidate shall be eligible to sit for the Certificate in Law Examinations unless he or she has attended at least 70% of lectures.

19.3 The School Board may award a pass with distinction to a Certificate in Law candidate who obtains a Grade "A" in four courses or Grade "B+" or above in 5 out of 7 courses taken at Certificate in Law examination, excluding Communication Skills (CL100).

19.4 Where a candidate fails in one or two courses at "D" grade he/she may, on the recommendation of the School Board, be permitted to re-sit the failed course(s) at a supplementary examination.

19.5 Where a candidate fails in two courses, one at "D" and another at "E" grade he/she may, on the recommendation of the School Board, be permitted to re-sit the failed course(s) at a supplementary examination.

19.6 Where a candidate fails in two courses at "E" grade, he/she may, on the recommendation of the School Board, be permitted to repeat the year.

19.7 Where a candidate fails in three courses at "D" grade, he/she may, on the recommendation of the School Board, be permitted to repeat the year.

19.8 Where a candidate fails in three courses, two at "D" level, and one at "E" grade he/she may, on the recommendation of the School Board, be permitted to repeat the year.

19.9 Where a candidate fails in three courses, two at "E" level, and one at "D" level, he/she shall be discontinued from studies.

19.10 Where a candidate fails in three courses at "E" level, he/she shall be discontinued from studies.

19.11 Where a candidate fails in Communication Skills (CL100), he/she may be permitted to re-sit the examination during regular university examination session until he passes, provided that this shall not go beyond the two years allowed for a candidate to remain registered in the programme.

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* On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment

1. INTRODUCTION

1.1. The School of Economics offers two 3-year Bachelor of Arts degree programmes:

  i. Bachelor of Arts in Economics (BAE)
  ii. Bachelor of Arts in Economics and Statistics (BAEST)

1.2. Both programmes aim at providing students with a solid foundation in major areas of economics. The courses that the students who get admitted in each of the programmes are required to take are listed below by year of study. Students are also supposed to undertake compulsory practical training in their second-year long vacation. The practical training is for a period of 8 weeks and it does not carry any credit for the calculation of GPA.

2. GENERAL REGULATIONS

2.1. A student admitted to the School of Economics shall be enrolled in one of the degree programmes listed in Table 1. Degree programmes in the School of Economics shall be of a three-year duration.

2.2. In order to graduate from the School of Economics, a student must take and pass a minimum of 432 credits.

2.3. Each student must take a minimum of 72 credits per semester.

2.4. All first-year students shall register at the beginning of the first semester. Continuing students shall register at the end of the academic year for courses to be taken in the following year. Registration of courses shall be done through the Academic Registration Information System (ARIS).

2.5. The maximum allowable registration period at the School of Economics is five years. Students must clear all course within 5 years for 3-year programmes. Any student who has failed to clear any course at the maximum period shall be deemed to have failed the programme and will not be awarded a degree.

3. SCHOOL EXAMINATION REGULATIONS

3.1. UDSE Regulations shall be read together with the General University Examination Regulations.

3.2. All courses offered during a semester shall be examined at the end of that semester except where the Dean of the School gives permission otherwise.

3.3. Course grades will be based on the end of course examination, that is coursework assessment and University Examination (UE). The University Examination shall constitute 60% of the total course assessment whereas course assessment shall constitute 40%. The course assessment depending on how the instructors deem fit may be split from tests and other assignments, from seminar presentations and from seminar attendance and participation (where offered).

3.4. A student must have attended a minimum of 75% of the lectures and seminars (where offered) to be eligible to sit for the end of semester written examination in the course otherwise the Dean retains the power to bar any student's access to examination where the Dean is satisfied that the candidate does not qualify to sit for the examination as required by Regulations, either by reason of poor attendance in lectures and seminars or poor performance in coursework. A student who is so barred:
  a) Shall be deemed to have failed the course at "E" grade;
  b) Shall be required to carry over the course, subject to other Regulations.

3.5. A student who obtains less than 16 marks in his/her coursework grade will be deemed to have failed the coursework, and will be barred from taking the examination in that course. Such a student who is so barred from taking the examination will be required to carry over the course, other regulations permitting.

3.6. Assessment of the student's progress shall be based on the following grading system: A: 70 – 100% B+: 60 – 69% B: 50 – 59% C: 40 – 49% D: 35 – 39% E: 0 – 34%

3.7.   The pass mark in each of the course taken shall be "C". The mark for "absolute fail" shall be "E".

3.8.   A student failing a course in any year shall be required to supplement provided the overall GPA is not less than 1.8.

3.9.   Supplementary examination shall be marked out of 60% and the coursework marks (out of 40%) shall be added to the supplementary marks to give the student a "C", "D", or "F" grade. That means a course that has been supplemented shall be awarded a maximum of "C" grade.

3.10.   Provided the overall GPA after supplementary examination is 2.0 or above, a student who fails supplementary examinations will be allowed to carry over flexibly into the subsequent academic years such number of failed courses as a requisite for the fulfilment of the requirement of passing a total minimum number of course credits for the programme in compliance with General Regulation 2.2.

   i.   The carried-over course or courses must be taken in full, including all the coursework and it shall be assessed like a supplementary course with a grade of "C", "D", or "E". The maximum grade for a carried over course shall be the minimum passing grade i.e. 'C'
   ii. The carried-over course or courses must be cleared within the maximaum allowable registration period of five years.

3.11.   Special examinations given at the time of supplementary examinations will be treated as first sitting and graded as such.

3.12.   A student who for satisfactory reasons or not has not completed an important portion of his/her coursework shall be awarded a "PEX" ("Postponed Exam") grade or "I" ("Incomplete") grade respectively.
   i.   A student who has been awarded an "I" or a "PEX" grade is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the School Board, any student with a "PEX" or "I" grade not cleared at the time of the supplementary examinations will considered to have absconded.
   ii. A student who has obtained an "E" grade due to Incomplete grade will be required to carry over the relevant course and shall be treated like any other carried-over course as per regulation 3.9. (i and ii).

3.13.   A student shall be discontinued from studies at the University on academic grounds if either he/she attains an overall GPA of less than 1.8 outright (during first sitting), or he/she obtains a GPA of less than 2.0 after sitting for supplementary examinations.

4.   DEGREE CLASSIFICATION AND GPA

4.1.   Courses shall be weighted by multiplying the final grade of a given course by the number of its course credits.

4.2.   Course grades multiplied by the appropriate credits weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.

4.3.   The degree classification shall be based on the 432 credits from the courses permitted under the degree programme.

4.4.   The final Bachelor of Arts degree shall be graded as first class, upper second class, lower second class and pass as follows: First Class 4.4 – 5.0 Upper Second 3.5 – 4.3 Lower Second 2.7 – 3.4 Pass 2.0 – 2.6. In each case, the average point shall be calculated on the basis of truncation after the first decimal point (e.g. 4.39 shall be taken as 4.3).

5.   EXAMINATION IRREGULARITY

5.1.   A candidate alleged to be involved in examination irregularities shall have his/her results withheld until final determination of the matter by the Senate.

6.   EXAMINATION RESULTS IN GENERAL

6.1.   Internal Examiners shall individually submit marks and grades of each candidate in their respective courses to the Departmental or School Board of Examiners for checking of computational errors and for provisional publication of the semester's results;

6.2. The Departmental or School Examinations Officer shall bring to the attention of the internal examiner all cases of fundamental differences in marks and grades between the internal examiner and external examiner(s) in the course(s) the internal examiner is responsible for. The Departmental or School Examinations Officer shall also report such cases to the Departmental or School Board of Examiners for deliberation and/ or adjudication.

6.3. The Departmental or School Board shall assess the results in the respective Department and make recommendations to the Board of the UDSE. In the event of any disagreement of a fundamental nature between an internal examiner and an external examiner on the marks and grade of a candidate the Board of Examiners of the UDSE shall adjudicate upon the matter and make a recommendation to the Senate.

6.4. Where the Board of the UDSE has endorsed the provisional examination results, specific marks or grades for coursework and written examinations in a course shall not be disclosed to a candidate.

7. PRACTICAL TRAINING COURSES (PT)

7.1. Practical training is carried out by second year students during the long-vocation.

7.2. Objectives of Practical Training

7.2.1. The main objective of the training is to enable students to acquire work experience related to their studies in different working places in the country. The specific objectives of the practical programme are:

i. To enable students, apply or learn the practical applications of the theory they learn at the University in solving real- life problems.
ii. To minimize over-emphasis on theory and thus give some weight to practical work experience.
iii. To give students ample opportunity to acquire appropriate work experience to complement academic training so that they will be to serve their communities better after graduation.
iv. To allow institutions and users of our end products assess the quality and relevance of our graduates and guide the College on how best to improve our pedagogy.
v. To establish and maintain close contacts between employers and the School and between the School and the ministry responsible for offering particular knowledge and experience.

Bachelor of Arts in Economics

First Year: Semester I

Code	Course Title	Status	Credit
EC 116	Introductory Microeconomic Analysis I	Core	12
EC 117	Introductory Macroeconomic Analysis I	Core	12
AC 100	Principles of Accounting I	Core	12
ST 120	Basic Mathematics	Core	12
AS 102	Introduction to Social Science Research Methods	Core	12
DS 112	Development Perspectives I	Core	12
Total Credits			**72**
Semester II			
EC 126	Introductory Microeconomic Analysis II	Core	12
EC 127	Introductory Macroeconomic Analysis II	Core	12
AC 101	Principles of Accounting II	Core	12
ST 112	Introduction to Statistics	Core	12
DS 113	Development Perspectives II	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
Total Credits			**72**

Code	Course Title	Status	Credit
Second Year: Semester I			
EC 216	Intermediate Microeconomic Analysis I	Core	12
EC 217	Intermediate Macroeconomic Analysis I	Core	12
EC 218	Quantitative Methods I	Core	12
EC 219	Econometrics I	Core	12
EC 220	Development Economics I	Core	12
Total Credits			**60**
A student must choose only one of the following courses:			
AS 220	Pan-African Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
ST 210	Probability Distributions I	Elective	12
ST 121	Analytical Calculus	Elective	12
FN 201	Introduction to Financial Services	Elective	12
EC 221	Managerial Economics	Elective	12
Total Credits (With Electives)			**72**
Semester II			
EC 226	Intermediate Microeconomic Analysis II	Core	12
EC 227	Intermediate Macroeconomic Analysis II	Core	12
EC 228	Quantitative Methods II	Core	12
EC 229	Econometrics II	Core	12
EC 230	Development Economics II	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
AS 299	Practical Training (done during the long vacation)	Core	-
Total Credits			**72**
Third Year: Semester I			
EC 366	Economic Policy, Planning and Programming I	Core	12
EC 371	Monetary Economics I	Core	12
EC 372	Public Finance I	Core	12
EC 373	International Economics I	Core	12
EC 384	Applied Quantitative Methods and Econometrics II	Core	12
Total Credits			**60**
A Student Must Choose Only One of the Following Courses:			
EC 367	Industrial and Production Economics I	Elective	12
EC 368	Transport Economics and Industrial Location I	Elective	12
EC 369	Agricultural Economics I	Elective	12
EC 370	Labour Economics and Human Resources I	Elective	12
EC 375	Natural Resources and Environmental Economics I	Elective	12
EC 386	Cost-Benefit Analysis I	Elective	12
EC 390	Health Economics I	Elective	12
Total Credits (With Electives)			**72**

Code	Course Title	Status	Credit
Semester II			
EC 374	Applied Quantitative Methods and Econometrics I	Core	12
EC 376	Economic Policy, Planning and Programming II	Core	12
EC 381	Monetary Economics II	Core	12
EC 382	Public Finance II	Core	12
EC 383	International Economics II	Core	12
Total Credits			**60**
A student must choose only one of the following courses:			
EC 377	Industrial and Production Economics II	Elective	12
EC 378	Transport Economics and Industrial Location II	Elective	12
EC 379	Agricultural Economics II	Elective	12
EC 380	Labour Economics and Human Resources II	Elective	12
EC 385	Natural Resources and Environmental Economics II	Elective	12
EC 387	Cost Benefit Analysis II	Elective	12
EC 391	Health Economics II	Elective	12
AS 221	Pan-Africanism: Thought and Practice II	Elective	12
Total Credits (With Electives)			**72**

Bachelor of Arts in Economics and Statistics

First Year: Semester I

Code	Course Title	Status	Credit
EC 116	Introductory Microeconomic Analysis I	Core	12
EC 117	Introductory Macroeconomic Analysis I	Core	12
ST 113	Basic Statistics	Core	12
ST 121	Analytical Calculus	Core	12
AS 102	Introduction to Social Science Research Methods	Core	12
DS 112	Development Perspective I	Core	12
Total Credits			**72**
Semester II			
EC 126	Introductory Microeconomic Analysis II	Core	12
EC 127	Introductory Macroeconomic Analysis II	Core	12
ST 114	Probability Theory I	Core	12
ST 122	Linear Algebra with Application	Core	12
DS 113	Development Perspectives II	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
Total Credits			**72**
Second Year: Semester I			
EC 216	Intermediate Microeconomic Analysis I	Core	12
EC 217	Intermediate Macroeconomic Analysis I	Core	12
EC 219	Econometrics I	Core	12
ST 210	Probability Distributions I	Core	12
ST 215	Differential and Difference Equations	Core	12
Total Credits			**60**

Code	Course Title	Status	Credit
Students Must choose only one of the following courses:			
AS 220	Pan-African Thought and Practice I	Elective	12
AS 217	Introduction to Computers	Elective	12
ST 220	Basic Demography Models	Elective	12
FN 201	Introduction to Financial Services	Elective	12
Total Credits (With Electives)			**72**
Semester II			
EC 226	Intermediate Microeconomic Analysis II	Core	12
EC 227	Intermediate Macroeconomic Analysis II	Core	12
EC 229	Econometrics II	Core	12
ST 211	Probability Distributions II	Core	12
ST 212	Statistical Inference I	Core	12
PL 111	Introduction to Critical Thinking and Argumenta- tion	Core	12
AS 299	Practical Training (done during the long vacation)	Core	-
Total Credits			**72**
Third Year: Semester I			
EC 371	Monetary Economics I	Core	12
EC 372	Public Finance I	Core	12
EC 373	International Economics I	Core	12
EC 384	Applied Quantitative Methods and Econometrics II	Core	12
ST 310	Statistical Inference II	Core	12
ST 316	Statistical Quality Control	Core	12
Total Credits			**72**
Semester II			
EC 381	Monetary Economics II	Core	12
EC 382	Public Finance II	Core	12
EC 383	International Economics II	Core	12
ST 311	Multivariate Normal Distribution	Core	12
ST 318	Sampling Theory and Methodology	Core	12
ST 312	Stochastic Processes	Core	12
Total Credits			**72**

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*On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment

SCHOOL OF JOURNALISM AND MASS COMMUNICATION (SJMC)

INTRODUCTION
The School of Journalism and Mass Communication was born out of the former Tanzania School of Journalism (TSJ), which was established under the UDSM Act No. 12 of 1970, which accordingly, revoked the TSJ Act. This move has enabled the School to offer degree programmes in Journalism, Mass Communication as well as Public Relations and Advertising.

Degrees Offered
The School offers the following undergraduate programmes:
(i)   Bachelor of Arts in Journalism, BA (Journalism)
(ii)   Bachelor of Arts in Mass Communication, BA (Mass Comm.)
(iii)   Bachelor of Arts in Public Relations and Advertising, BA (Publ. Relations and Advert.).

Non-degree Programmes Offered
Additionally, the School offers the following non-degree programmes:
(iv)   Certificate in Journalism (CertJournalism)
(v)   Diploma in Journalism (NTA Levels 5 and 6)
(vi)   Diploma in Journalism (NTA Levels 5 and 6) – Online

Admission Requirements
1.   The undergraduate degree for which the School of Journalism and Mass Communication prepares candidates is the Bachelor of Arts (Journalism, Mass Communication or Public Relations and Advertising) of the University of Dar es Salaam.
2.   A candidate shall be eligible for consideration for admission to the BA (Journalism, Mass Communication or Public Relations and Advertising) degree if he/she has obtained the following:
    2.1   Direct Entry Qualifications
           Any 2 or more principal level passes and one language subject at C grade or higher in Advanced Secondary School Certificate.
    2.2   Equivalent Qualifications
           Diploma from a recognised institution offering Journalism education or mass media-related studies.

General Degree Regulations
(i)   All students admitted to the School of Journalism and Mass Communication shall be enrolled in one of the programmes offered by the School.
(ii)   To graduate from the School a student must take and pass a minimum of 360 credits and a maximum of 432 credits for a three-year programme.

School Examination Regulations
The following regulations shall apply to all students undertaking undergraduate programmes in the School of Journalism and Mass Communication:
1.   All candidates will be required to take and pass examinations in all the registered courses in any particular semester.
2.   A candidate who fails some courses but attains a GPA of not below 1.8 will be required to supplement the failed courses.
3.   Where a student fails a supplementary examination, she/he shall be allowed to carry over the failed course(s) provided she/he attains an average GPA of 2.0.
4.   Coursework marks for theory courses shall be 40 per cent while final examination will be awarded 60 per cent.
5.   Classification of Degrees:
    (i)   For purposes of the final classification of degrees and where applicable a five point system shall be used in averaging the final grades.
    (ii)   The letter grades will be assigned points as follows:
            A   B+   B   C   D   E
            5   4   3   2   1   0

(iii) Approved courses given for each degree shall be appropriately weighted in terms of units.
(iv) To get the score for each course multiply the points, as in 5.2 by the weights, as in 5.3
(v) The total score for the degree shall be the total score for all countable courses taken by the candidate for the degree, computed as in 5.4.
(vi) The average score for the degree shall be computed by dividing the total score in 5.5 by the total weight obtained under 5.3.
(vii) The final classification shall be as follows:

First Class	-	A	(5.0 – 4.4)
Second Class (Upper)	-	B+	(4.3 – 3.5)
Second Class (Lower)	-	E	(3.4 – 2.7)
Pass	-	C	(2.6 – 2.0)

Courses Offered
Course Structure and Outline
Students in the first year in all the three programmes undertake core courses pertinent to their fields of study. Thereafter, students are able to take both core and Elective courses from their fields of study in the second year and third year.

Notes on the Coding of Courses
The coding of courses consists of two letters, both of which stand for the programme and are then followed by three digits or numbers (e.g. JO 204).

Bachelor of Arts in Journalism

First Year

Course Code	Course Title	Credits	Semester	Status
JO 102	Introduction to Journalism	12	1	Core
CO 101	Introduction to Mass Communication	12	1	Core
DS 112	Development Perspectives I	12	1	Core
JE 100	English for the Media	8	1	Core
JS 100	Kiswahili for the Media	8	1	Core
SO 110	Introduction to Sociology	12	1	Elective
PS 110	Introduction to Political Science I	12	1	Elective
PS 112	Comparative Political Thought	12	1	Elective
PS 113	Government and Politics in Tanzania	12	1	Elective
PE 100	Foundations of Physical Education and Sport	12	1	Elective
MK 100	Introduction to Business	12	1	Elective
JO 103	Introduction to writing for the Media	8	2	Core
JO 104	Journalism History and Issues	8	2	Core
CO 103	Technical Basis of Communication	8	2	Core
PL 111	Intro. to Critical Thinking and Argumentation	8	2	Core
DS102	Development Perspective	12	2	Core
JO 106	Media Ethics	8	2	Core
JO 108	Radio Broadcasting	12	2	Core
JO 109	Television Broadcasting	12	2	Core
JO 100	Practicum	8	2	Core
Second Year				
JO 202	News Reporting and Writing for Print Media	12	1	Core
CO 208	Television Production	12	1	Core
JR 203	Mass Media Research	12	1	Core

Course Code	Course Title	Credits	Semester	Status
LW 540	Media Law	12	1	Core
CO 201	Theories of Mass Communication	12	1	Core
PR 205	Gender and the Media	12	1	Elective
CO 210	Production Management	12	1	Elective
CO 211	Media Management and Organisation	12	1	Elective
HR 200	Organisational Behaviour	12	1	Elective
JO 204	Photojournalism	12	2	Core
JO 206	Advanced Media Ethics	12	2	Core
CO 203	Issues in Mass Communication Research	12	2	Core
JO 210	Editing, Layout and Graphics	12	2	Core
JO 200	Practicum	8	2	Core
MK 200	Principles of Marketing	12	2	Elective
PS 222	International Relations I	12	2	Elective
PE 200	Theory and Methods of Sports Training	12	2	Elective
PS 232	Contemporary Politics in East Africa	12	2	Elective
SO 251	Contemporary Sociological Theories	12	2	Elective
MK 201	Relationship Marketing	12	2	Elective
CO 209	Advanced TV production	12	2	Elective
Third Year				
JO 301	Current Affairs and News Analysis	12	1	Core
CO 305	New Media Technologies	12	1	Core
JO 307	Dissertation I	12	1	Core
JO 303	Specialised Writing	12	1	Core
CO 317	Children and the Media[1]	12	1	Elective
JO 305	Advanced Radio Broadcasting	12	1	Elective
CO 313	Introduction to Media Economics	12	1	Elective
JO 309	Advanced TV Broadcasting	12	1	Elective
JO 311	Advanced Photojournalism	12	1	Elective
GM 300	Strategic Marketing	12	1	Elective
MK 305	Publicity and Public Relations	12	1	Elective
JO 302	Media Management and Organisation	12	2	Core
CO 304	Media Criticism	12	2	Core
CO 310	Mass Media and Popular Culture	12	2	Core
JO 308	Dissertation II	12	2	Core
CO 314	Digital Audio and Video Post-Production	12	2	Elective
MK 310	Relationship Marketing	12	2	Elective
JO 306	Advanced Writing for Print Media	12	2	Elective
PS 335	Democracy and Elections	12	2	Elective
GE 350	Environmental Conservation Education	12	2	Elective
SO 371	Contemporary Social Change and Culture	12	2	Elective
MK 301	Small Business and Entrepreneurship	12	2	Elective
PE 304	Sports Marketing and Journalism	12	2	Elective
HK 304	Leadership and Supervisory Skills	12	2	Elective

[1] All third-year Journalism students strongly encouraged to take this course

Bachelor of Arts in Mass Communication

First Year

Course Code	Course Title	Credits	Semester	Status
CO 101	Introduction to Mass Communication	12	1	Core
JO 102	Introduction to Journalism	12	1	Core
DS 112	Development Perspectives I	12	1	Core
JE 100	English for the Media	8	1	Core
JS 100	Kiswahili for the Media	8	1	Core
SO 116	Introduction to Sociology	12	1	Elective
PS 110	Introduction to Political Science I	12	1	Elective
PE 100	Foundations of Physical Education and Sports	12	1	Elective
PS 112	Comparative Political Thought	12	1	Elective
PS 113	Government and Politics in Tanzania	12	1	Elective
MK 100	Introduction to Business	12	1	Elective
JO 103	Introduction to Writing for the Media	8	2	Core
CO 102	Mediated Communication in Africa	8	2	Core
PL 111	Intro. To Critical Thinking and Argumentation	8	2	Core
DS 113	Development Perspective II	12	2	Core
JO 106	Media Ethics	8	2	Core
JO 108	Radio Broadcasting	12	2	Core
JO 109	Television Production	12	2	Core
CO 103	Technical Basis of Communication	8	2	Core
CO 100	Practicum	8	2	Core

Second Year

Course Code	Course Title	Credits	Semester	Status
CO 201	Theories of Mass Communication	12	1	Core
CO 205	Mass Media and Society	12	1	Core
JR 203	Mass Media Research	12	1	Core
LW 540	Media Law	12	1	Core
CO 211	Media Management and Organisation	12	1	Core
PR 205	Gender and the Media	12	1	Elective
GE 250	Environmental Conservation Education	12	1	Elective
CO 209	Advanced TV Production	12	1	Elective
CO 210	Production Management	12	1	Elective
CO 203	Issues in Mass Communication Research	12	2	Core
CO 204	Contemporary Mass Media in Tanzania	12	2	Core
CO 207	Special Radio Production	12	2	Core
CO 208	TV Production	12	1	Core
CO 200	Practicum*	8	2	Core
JO 206	Advanced Media Ethics	12	2	Core
MK 200	Principles of Marketing	12	2	Elective
MK 201	Relationship Marketing	12	2	Elective
PS 222	International Relations I	12	2	Elective
PE 200	Theory and Methods of Sports Training	12	2	Elective
PS 232	Contemporary Politics in East Africa	12	2	Elective
SO 251	Contemporary Sociological Theories	12	2	Elective

Course Code	Course Title	Credits	Semester	Status
Third Year				
CO 301	Audience Research	12	1	Core
CO 303	Development Communication	12	1	Core
CO 305	New Media Technologies	12	1	Core
CO 307	Dissertation I	12	1	Core
CO 309	Special Radio Production	12	1	Elective
CO 311	Special Television Production	12	1	Elective
CO 313	Introduction to Media Economics	12	1	Elective
CO 315	Special Writing for the Media	12	1	Elective
CO 317	Children and the Media	12	1	Elective
GM 300	Strategic Marketing	12	1	Elective
MK 305	Publicity and Public Relations	12	1	Elective
PL 311	Professional Civics Ethics	12	1	Elective
CO 302	International Mass Communication System	12	2	Core
CO 304	Media Criticism	12	2	Core
CO 308	Dissertation II	12	2	Core
CO 306	Broadcast and Cable Programming	12	2	Core
CO 310	Mass Media and Popular Culture	12	2	Elective
CO 314	Digital Audio and Video Post- Production	12	2	Elective
PR 301	Advertising and Public Relations Campaign	12	2	Elective
PS 335	Democracy and Elections	12	2	Elective
GE 350	Environmental Conservation Education	12	2	Elective
SO 371	Contemporary Social Change and Culture	12	2	Elective
PE 304	Sports Marketing	12	2	Elective
HR 304	Leadership and Supervisory Skills	12	2	Elective

Bachelor of Arts in Public Relations and Advertising

First Year

Course Code	Course Title	Credits	Semester	Status
CO 101	Introduction to Mass Communication	12	1	Core
PR 101	Intro to Public Relations and Advertising	12	1	Core
DS 112	Development Perspectives I	12	1	Core
JE 100	English for the Media	8	1	Core
JS 100	Kiswahili for the Media	8	1	Core
SO 110	Introduction to Sociology	12	1	Elective
PS 110	Introduction to Political Science I	12	1	Elective
PE 100	Foundations of Physical Education and Sports	12	1	Elective
PS 112	Comparative Political Thought	12	1	Elective
PS 113	Government and Politics in Tanzania	12	1	Elective
MK 100	Introduction to Business	12	1	Elective
JO 103	Introduction to Writing for the Media	8	2	Core
PR 102	Psychology of Advertising	8	2	Core
PR 104	Public Opinion and Public Relations	8	2	Core
DS 113	Development Perspectives II	12	2	Core
CO 103	Technical Basis of Communication	8	2	Core

Course Code	Course Title	Credits	Semester	Status
PL 111	Intro. to Critical Thinking and Argumentation	8	2	Core
PR 100	Practicum	8	2	Core
JO 108	Radio Broadcasting	12	2	Core
JO 109	Television Production	12	2	Core
Second Year				
CO 201	Theories of Mass Communication	12	1	Core
PR 201	Mass Media and Public Relations	12	1	Core
PR 203	Advertising, Layout and Production	12	1	Core
JR 203	Mass Media Research	12	1	Core
PR 207	Ethics and Professional Responsibilities in Public Relations	12	1	Core
LW 540	Media Law	12	1	Core
PR 205	Gender and the Media	12	1	Elective
CO 201	Theories of Mass Communication	12	1	Elective
GE 250	Environmental Conservation Education	12	1	Elective
CO 211	Media Management and Organisation	12	1	Elective
HR 200	Organisation Behaviour	12	1	Elective
PR 202	Media and Contemporary Issues	12	2	Core
CO 203	Issues in Mass Communication Research	12	2	Core
PR 204	Mass Media Advertising and Sales Promotion	12	2	Core
PR 206	Writing for Public Relations	12	2	Core
PR 200	Practicum	8	2	Core
MK201	Relationship Marketing	12	2	Elective
CO 209	Advanced Television Production	12	2	Elective
MK 200	Principles of Marketing	12	2	Elective
CO 314	Digital Audio and Video Post Production	12	2	Elective
PS 222	International Relations I	12	2	Elective
PE 200	Theory and Methods of Sports Training	12	2	Elective
PS 232	Contemporary Politics in East Africa	12	2	Elective
SO 251	Contemporary Sociology Theories	12	2	Elective
Third Year				
PR 301	Advertising and Public Relations Campaign	12	1	Core
CO 305	New Media Technologies	12	1	Core
PR 309	Propaganda and Persuasion	12	1	Core
PR 305	Advanced Advertising Issues	12	1	Core
PR 307	Dissertation I	12	1	Core
PR 311	Media, Minorities and People with Special Needs	12	1	Elective
PR 313	Visual Communication	12	1	Elective
GM 300	Strategic Marketing	12	1	Elective
MK 305	Publicity and Public Relations	12	1	Elective
PL 311	Professional and Civic Ethics	12	1	Elective
PR 302	Special Issues in Advertising	12	2	Core
PR 304	Media Representation and Perception	12	2	Core
PR 306	Public Relations Organisation and Management	12	2	Core
PR 308	Dissertation II	12	2	Core
PR 310	Advertising as Communication	12	2	Elective

Course Code	Course Title	Credits	Semester	Status
PR 314	Public Relations for Non-profit	12	2	Elective
PS 335	Democracy and Elections	12	2	Elective
GE 350	Environmental Conservation Education	12	2	Elective
SO 371	Contemporary Social Change and Culture	12	2	Elective
HR 304	leadership and Supervisory Skills	12	2	Elective

Certificate in Journalism

Course Code	Course Title	Credits	Semester	Status
CJ 100	Introduction to Mass Communication	12	1	Core
CJ 101	Computer Application for Journalists	12	1	Core
CJ 102	Introduction to Journalism and its History	12	1	Core
CJ 103	English for Journalism	12	1	Core
CJ 104	Kiswahili kwa Waandishi	12	1	Core
CJ 105	Reporting & Editing for Print Media	12	1	Core
CJ 106	Introduction to Television	12	2	Core
CJ 107	Introduction to Radio	12	2	Core
CJ 109	Media Law	12	2	Core
CJ 110	Journalism Ethics	12	2	Core
CJ 111	Project	12	2	Core

Diploma in Journalism

First Year

Course Code	Course Title	Credits	Semester	Status
JS 101	News Writing	5	1	Core
JS 102	Media Ethics	15	1	Core
JS 103	Radio & TV Production	19	1	Core
JS 104	Photojournalism	14	1	Core
JS 105	Life Skills	12	1	Core
JS 106	Radio & TV Broadcasting	6	2	Core
JS 107	Gender & Cultural Diversity in Media	6	2	Core
JS 108	On-line Journalism	17	2	Core
JS 109	Public Relastions & Advertising	17	2	Core
JS 110	Entrepreneurship	8	2	Core
JS 111	Field Practical Training	10	2	Core

Second Year

Course Code	Course Title	Credits	Semester	Status
JS 201	Action Research	18	1	Core
JS 202	Basics of Media Management	9	1	Core
JS 203	Basics of Finance and Procurement Management	12	1	Core
JS 204	Editing for Electronic Media	14	1	Core
JS 205	Feature Writing	5	1	Core
JS 206	Editing for Print Media	15	2	Core
JS 207	Investigative Journalism	16	2	Core
JS 208	Specialised Reporting	16	2	Core
JS 209	Data Journalism	15	2	Core

SJMC STAFF LIST

OFFICE OF THE DEAN
Senior Lecturer and Dean
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Technician
S. Chungu, FTC., BENG (DIT), PGDSc (Dar)

Senior Artisan
R. Kitwana, Cert. Jour., Dip. Jour.(TSJ)
S. K. Kitundu, AdvDip (SJMC), PGDMassCom(Dar)

Mlimani Media Producers/Reporters/Co-ordinators
***H. Ndambaya, PGD (Dar)

Acting Media Manager
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Public Relations Officer II
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B. I. Maduhu Dip. Records Managament (TPSC, Dar)

Senior Library Officer I
C. C. Nchimbi, Dip. (SLADS, Bagamoyo), BA (OUT), PGD (TPSC), MA (Dar)

Library Officer II
N. R. Mweta, BA (SUA, Morogoro)
_____
* On Study Leave
** On Sabbatical Leave
*** On Leave of Absence/Secondment

INSTITUTE OF DEVELOPMENT STUDIES (IDS)

INTRODUCTION
IDS is the oldest Institute of Development Studies in Tanzania established in 1973. The Institute has well-trained professionals who teach, research and offer public services in multidisciplinary areas. Further, the Institute offers one undergraduate programme and five postgraduate programmes. All courses offered at the Institute are assigned codes starting with DS.

A student at the Institute must take at least 60 credits and at most 72 credits per semester. This means that a student must take a minimum of 120 credits and a maximum of 144 credits per year. For a three-year programme, a student will be conferred a degree if he/she has attained from prescribed courses at least 360 credits and maximum 432 credits.

Service Courses to the rest of the University
The Institute services University Colleges/Schools and Institutes in teaching Development Studies (DS) for first year undergraduate students. The university wide development studies courses are Development Perspectives I (DS 112) and Development Perspectives II (DS 113) courses for first year students taught in the first and second semester respectively.

BA Development Studies Programme

FIRST YEAR: Semester I

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 105	Political Economy of Development	12	1	Core
DS 106	Introduction to Population and Development	12	1	Core
DS 107	State and Development	12	1	Core
DS 109	Economics of Development	12	1	Core
DS 111	Development and Human Rights	12	1	Core
Total		**72**		
FIRST YEAR: Semester II				
DS 113	Development Perspectives II	12	2	Core
DS 103	Theories of Development and Underdevelopment	12	2	Core
DS 104	Gender and Development	12	2	Core
DS 108	Introduction to Development Research	12	2	Core
DS 110	Poverty Reduction Strategies	12	2	Core
CL 106	Communication Skills for Arts and Social Sciences	12	2	Core
Total		**72**		
SECOND YEAR: Semester I				
DS 220	Governance and Development	12	1	Core
DS 221	Economic Challenges and Prospects of Developing Countries	12	1	Core
DS 222	Development and the Environment	12	1	Core
DS 223	Political Economy of Natural Resources	12	1	Core
Total		**48**		

Code	Course Title	Credits	Semester	Status
Electives: Students should add ONE of the following courses				
DS 211	Civil Society, Social Capital and Development	12	1	Elective
DS 213	Education and Development	12	1	Elective
DS 226	Industrialization and Development	12	1	Elective
SECOND YEAR: Semester II				
DS 224	Science and Technology for Development	12	2	Core
DS 227	Development Policy Analysis	12	2	Core
DS 228	Development Ethics	12	2	Core
DS 231	Globalization and Development	12	2	Core
Total		**48**		
Electives: Students should add ONE of the following courses				
AS 217	Introduction to Computers	12	2	Elective
DS 214	Project Design and Management	12	2	Elective
DS 230	Local Government and Development	12	2	Elective
DS 299	Practicum	24	2	Core
THIRD YEAR: Semester I				
DS 301	Rural Development	12	1	Core
DS 303	Urbanization and Development	12	1	Core
DS 305	Private Sector, SMEs Promotion and Development	12	1	Core
DS 307	Development Planning	12	1	Core
Total		**48**		
Electives: Students should add ONE of the following courses				
DS 309	Agricultural Development and Food Security	12	1	Elective
DS 315	Public Policy for Development	12	1	Elective
DS 317	Tourism and Development	12	1	Elective
THIRD YEAR: Semester II				
DS 302	Regional Cooperation and Integration for Development	12	2	Core
DS 304	Health and Development	12	2	Core
DS 306	Monitoring and Evaluation of Development	12	2	Core
DS 308	Communication for Development	12	2	Core
Total		**48**		
Electives: Students should add ONE of the following courses				
DS 310	Development Budgeting	12	2	Elective
DS 312	Entrepreneurship and Youth Self-Employment	12	2	Elective
DS 347	Peace-making and Conflict Resolution	12	2	Elective

IDS STAFF LIST

Senior Lecturer and Director
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P. I. Japhet, BA, MA PhD (Dar)

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*I. Y. Majenda, BA, MA (Dar)
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*J. J. Helberth Dip.Edu (Morogoro) BEd (Mzumbe), MSc (Dar)
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H. Moka, BA DS (Dar)
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Librarian
I. A. Kichungo, Dipl. (SLADS), Bagamoyo

Senior Procurement Officer
J. N. B. Mwiguta, B. P & S (TIA)MSc (Mzumbe)

Accounts Assisstant Officer II
G. J. Moshi, Dip TIA (Mbeya)

Executive Assistant I
G. H. Mlay Diploma in Secretarial Studies

Principal Technician I
M. C. Mwamnyenyelwa

Records Management Assistant I
M. M. Mpambije, Dip. In Records Management TPSC (Tabora)

Senior Office Attendant II
J. S. Mwafulilwa, CSEE Rujewa Secondary, (Mbarali, Mbeya)

Driver
J. I. Materu, Advanced Driving Grade II (NIT)

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*On study Leave

INSTITUTE OF KISWAHILI STUDIES (IKS)

INTRODUCTION

The Institute of Kiswahili Studies (IKS) is unique, in that it is the oldest Kiswahili institute inthe world. It was established in 1930 as the Inter-Territorial Language Committee for what wasknown then as the East African Dependencies. Since that time, IKS has continued researching into and developing various aspects of Kiswahili literature, language, and culture the worldover. Through its publishing wing- TUKI, the Institute has continued publishing internationalacademic journals with analytical and descriptive articles and critiques; examining and discussinglinguistic, literary, and philosophical issues relating to Kiswahili scholarship; articles that analyzeand discuss issues pertaining to Kiswahili culture and African oral traditions. The institute hasalso continued publishing creative works, Kiswahili monolingual and bilingual dictionaries, andinternationally recognized books on Kiswahili linguistics and literature.

From 2009, IKS established two teaching departments: The Department of Kiswahili Literature,Communication and Publishing, and the Department of Kiswahili Language and Linguistics. Inaddition, IKS has four research centres dealing with research, Kiswahili language, teaching, andpromotion. These are:
(a)   Centre for Kiswahili for Foreigners
(b)   Centre for Kiswahili Literature and African Oral and Written Traditions
(c)   Centre for Terminologies, Translation, Interpreting and LanguageTechnology
(d)   Centre for Lexicography and KiswahiliGrammar

Entry Requirements:

A candidate shall be deemed eligible for consideration for admission to a Bachelor of Arts in Kiswahili Degree Programme if he/she has one of the following qualifications:
(a)   Certificate of Secondary Education Examination (C.S.E.E.) or equivalent, with passes in FIVE approved subjects THREE of which must be at Credit level including Kiswahili obtained prior to sitting for the Advanced Certificate of Secondary Education Examination (A.C.S.E.E.) or equivalent;
(b)   *(i)   For previous years graduates up to 2015*:
                Two principal Passes in art subjects in the A.C.S.E.E and at least "D" gradein Kiswahili.
         (ii)   For Graduates of 2016:
                Two passes of at least 'D' grade in relevant art subjects in the A.C.S.E.E including
                Kiswahili.
[Note: Principal level passes in Divinity/Islamic Knowledge are not counted]

Examination Regulations

The general University of Dar es Salaam examination rules and regulations shall apply

Undergraduate Courses

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
Mwaka wa Kwanza				
KF 102	Utangulizi wa Fasihi	12	1	Lazima
KF 103	Nadharia na Uhakiki wa Fasihi	12	2	Lazima
KF 104	Utangulizi wa Mawasiliano	12	2	Hitiari
KF 105	Hadithi Fupi za Kiswahili	12	2	Hitiari
KI 107	Misingi ya Isimu ya Kiswahili	12	1	Lazima
KI 110	Utangulizi wa Isimu jamii katika Kiswahili	12	1	Lazima
KI 114	Utangulizi wa Nadharia na Mbinu za Tafsiri	12	2	Lazima
KI 115	Utangulizi wa Nadharia na Mbinu za Ukalimani	12	2	Hitiari

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
KI 116	Nadharia za Ufundishaji wa Kiswahili kwaWageni	12	1	Hitiari
KI 117	Utangulizi wa Misingi ya Uandishi wa Kiswahili	12	2	Lazima
DS 112	Development Perspectives I	12	1	Lazima

Mwaka wa Pili

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
KF 205	Uandishi wa Kubuni kwa Kiswahili: Nadharia naVitendo	12	1	Hitiari
KF 206	Utangulizi wa Uchapishaji kwa Kiswahili	12	1	Lazima
KF 207	Mawasiliano Changamani	12	1	Hitiari
KI 208	Fonolojia ya Kiswahili	12	1	Lazima
KI 209	Mofolojia ya Kiswahili	12	2	Lazima
KI 210	Nadharia ya Sintaksia na Uchanganuzi wa Kiswahili	12	2	Lazima
KI 211	Historia ya Kiswahili na Lahaja zake	12	2	Lazima
KI 215	Ukalimani:Nadharia naVitendo	12	2	Hitiari
KI 217	Leksikografia	12	1	Hitiari
KI 218	Tafsiri: Nadharia na Vitendo	12	2	Lazima
KF 219	Falsafa ya Kiafrika katika Fasihi ya Kiswahili	12	1	Hitiari
KF 220	Uandishi wa Kubuni kwa Kiswahili: Vitendo	12	2	Hitiari
KF 221	Fasihi ya Watoto ya Kiswahili	12	2	Hitiari
KF 222	Mchakato wa Uchapishaji katika Kiswahili	12	2	Lazima
KF 223	Ushairi wa Kiswahili	12	1	Lazima
KS 224	Nadharia ya Utafiti katika Lugha na Fasihi	12	2	Lazima
CT 228	Teacher Education Kiswahili Methods	12	2	Hitiari
KS 230	Mazoezi kwa Vitendo	-	-	

Mwaka wa Tatu

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
KF 302	Fasihi-Simulizi ya Kiswahili na Kiafrika	12	1	Lazima
KF 303	Elimu Mitindo ya Fasihi ya Kiswahili	12	2	Hitiari
KF 304	Fasihi-Linganishi ya Kiswahili	12	1	Hitiari
KF 306	Fasihi ya Kiswahili na Jinsia	12	1	Hitiari
KF 307	Tendi za Kiswahili	12	2	Hitiari
KI 310	Sintaksia ya Kiswahili	12	2	Lazima
KI 311	Semantiki na Pragmatiki ya Kiswahili	12	2	Lazima
KI 312	Isimu-Historia na Isimu-Linganishi	12	2	Hitiari
KI 317	Mbinu za Ufundishaji wa Lugha	12	2	Hitiari
KF 318	Riwaya ya Kiswahili	12	2	Lazima
KF 319	Tamthiliya ya Kiswahili	12	1	Lazima
KF 320	Mwandishi Teule	12	2	Hitiari

IKS STAFF LIST

Office of the Director
Associate Professor and Director
S. O. Mchepange, BAEd, MA, PhD (Dar)

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A. M. Allen, BA-PSPA, PGDSC, MBA (Dar), PGD-LG (TPSC)

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G. Kassara

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*On study leave

INSTITUTE OF MARINE SCIENCES (IMS)

INTRODUCTION

The Institute of Marine Sciences (IMS) is located in Zanzibar at Buyu, with a sub-campus in Mizingani Street. The Institute comprises three academic sections, namely, Marine and Coastal Resources Management (MCRM), Marine Technology and Innovation (MTI) and Geosciences, Oceanography and Informatics (GOI). The Institute also has a cross-cutting Information and Communication Technology (ICT) section, which provides GIS services, and houses the National Oceanographic Data Centre (TzNODC) as well as the Marine Education Extension Development (MEED) secton, which is the outreach arm for the Institute. IMS has also established a Mariculture Research Centre in Pangani, Tanga, to increase its geographical presence and extension services in areas related to best practices in finfish pond and cage farming; seaweed farming; crab fattening and pearl farming.

Undergraduate Degrees offered by the Institute

The Institute offers a three-year undergraduate degree programme: Bachelor of Science in Marine Sciences (BSc MASC).

Entry Requirements for the Bachelor of Science in Marine Sciences (BSc MASC)

(i)   Direct Entry (Form VI) Qualifications:

Two principal passes at A-Level in Biology or Agriculture and any of the following subjects: Chemistry, Physics, Mathematics and Geography.

(ii)   Equivalent Qualifications:

Diploma in Fisheries, Aquaculture, Agriculture, Maritime and Forestry of not less than second class or grade B from recognized institutions within and outside the country.

Practical Training

The BSc MASC programme involves two practical trainings (PTs), one each after second semester University Examinations in the first and second year. During their final year each student is required to undertake a final year research project. The project starts at the end of the second practical training, with the students proposing the Research Project title to facilitate allocation of a supervisor, after which the candidates undertake their project research, write up and presentation of their research reports.

Practical / Research Project Training

Code	Duration	Location	Timing	Remarks
OC 199	8 weeks	Various	July	Field Report
OC 299	8 weeks	Various	July	Field Report
OC 399	8 weeks	Various	Semester I & II	Research project

Special Institute Requirements

College/School/Institute	Program	Items
IMS	BSc MASC	Laboratory coats, gloves (box), protective eye glasses, mouth masks, diving mask and fins

Bachelor of Science Degree in Marine Sciences (BSc MASC) Courses

First Year

Code	Course Title	Credits	Semester	Status
OC 101	Biological Oceanography I	8	1	Core
OC 102	Chemical Oceanography I	8	1	Core
OC 103	Geological Oceanography I	8	1	Core
OC 104	Physical Oceanography I	8	1	Core
GI 101	Introduction to Informatics for Marine Scientists	12	1	Core
DS 112	Development Perspectives I	12	1	Core
CL 107	Communication Skills for Science students	12	1	Elective
TI 101	Marine Instrumentation	12	1	Elective
OC 107	Biological Oceanography II	12	2	Core
OC 108	Chemical Oceanography II	8	2	Core
OC 109	Geological Oceanography II	8	2	Core
OC 110	Physical Oceanography II	8	2	Core
DS 113	Development Perspectives II	8	2	Core
OC 199	Practical Training I	4	2	Core
CR 112	Socio-economic Aspects in Coastal and Marine Resources	12	2	Elective
OC 113	Survival and Safety for Marine Scientists	8	2	Elective

Second Year

Code	Course Title	Credits	Semester	Status
CR 200	Introduction to Fisheries Science	8	1	Core
CR 202	Biology and Ecology of Mangrove	8	1	Core
CR 204	Marine Phytoplankton and Primary Production	12	1	Core
OC 200	Scientific Writing and Communication	8	1	Core
OC 201	Climate Change and Variability I	8	1	Core
GI 201	Principles of Coastal and Marine GIS and Remote Sensing	12	1	Core
OC 202	Introduction to Marine Pollution and Control	12	1	Elective
CR 209	Marine Product Sanitation and Product Control	8	1	Elective
CR 215	Introduction to Environmental Assessment for Marine Scientists	8	1	Elective
CR 201	Fish Biology and Taxonomy	12	2	Core
CR 206	Biology and Ecology of Coral Reefs	12	2	Core
CR 208	Introduction to Integrated Coastal Zone Management	8	2	Core
OC 203	Marine Non-living Resources	12	2	Core
OC 205	Biostatistics for Marine Scientists	8	2	Core
OC 299	Practical Training II	4	2	Core
OC 204	Climate Change and Variability II	8	2	Elective
GI 202	Introduction to Coastal and Marine Spatial Planning	12	2	Elective
CR 207	Coastal and Marine Ecotourism	12	2	Elective

Code	Course Title	Credits	Semester	Status
Third Year				
CR 301	Fish Stock Assessment	12	1	Core
CR 302	Marine Resource Marketing and Entrepreneurship	8	1	Core
MD 303	Introduction to Aquaculture	12	1	Core
MD 304	Aquaculture Feeds and Production	12	1	Core
MD 305	Breeding and Stock Enhancement in Aquaculture	12	1	Core
MD 306	Fin fish, Shellfish and Holothurian Farming Technologies	12	1	Core
OC 301	Coastal and Nearshore Processes	8	1	Core
CR 307	Marine Plant Physiology	12	2	Core
OC 304	Petroleum Geology	12	2	Core
CR 305	Seagrasses and Seaweed Ecology	8	2	Core
TI 301	Coastal and Marine Engineering	12	2	Core
OC 399	Research Project	8	2	Core
OC 302	Principles of Geophysics	8	2	Core
OC 303	Hydrogeology	8	2	Elective
CR 315	Introduction to Maritime Law and Policy	8	2	Elective

IMS STAFF LIST

OFFICE OF THE DIRECTOR

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F.A. Salim (Dar)

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J.J. Wegoro, BSc (Dar)

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T.S. Kahale, BSc (Dar)

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L.M. Sindato, BSc (Morogoro)

Laboratory Technicians
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K.E. Sangande, Dip (Arusha)

Seaman
M. A. Khamis

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Associate Professor
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*V.C. Swai, BSc (Dar), MSc (Brussels)
*K. J. Kamnde, BA (Dar), MSc (Twente)
G. B. Ngomano, BSc (Dar), MSc (Ibadan)

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T.B. Paschal, BSc (Dar)
R.Hamis, BSc (Dar)
E.K. Paul, BSc (Dar)

Laboratory Technicians
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Registry
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Office Management Secretary
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Dean of Student's Office
Warden I
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Dispensary
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B.E. Kilanga, Dip (Morogoro)

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Z.A. Tabu, Basic Cert, Sergeant Cert (Morogoro)
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S.A. Said, Basic Cert (Morogoro)
R.G. Khalid, Basic Cert (Morogoro)

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*	*On Study Leave*
**	*On Sabbactical*
***	*On contract*

CONFUCIUS INSTITUTE AT THE UNIVERSITY OF DAR ES SALAAM (CI-UDSM)

1.0 INTRODUCTION

The Confucius Institute at the University of Dar es Salaam (CI-UDSM) was established in 2013 under the Agreement between UDSM in Tanzania and Confucius Institute Headquarters and Zhejiang Normal University in China.

The main objectives of CI-UDSM are to meet Tanzanian people's growing need of understanding the Chinese language, culture, technology and skills and to increase mutual understanding between Chinese and Tanzanian people. CI also acts as a platform for socio-political and economic exchanges and collaborations between China and Tanzania.

In addition, CI will stimulate research on various aspects of Sino-Tanzania relations, including history, education, science and technology. Besides, CI is linking the University students and the Chinese companies in Tanzania by recommending appropriate talents to companies and finding job opportunities for the graduates.

Vision

Confucius Institute at UDSM devotes itself to satisfy the demands of Tanzanian people who learn the Chinese language, to enhance understanding of the Chinese language and culture by Tanzanians, to strengthen educational and cultural exchange and cooperation and deepening friendly relationships between China and Tanzania, to promote the development of multi- culturalism, and to construct a harmonious world.

Mission

a.   Chinese language teaching;
b.   Training Chinese language instructors and providing Chinese language teaching resources;
c.   Holding the HSK examination (Chinese Proficiency Test) and tests for the Certification of the Chinese Language Teachers;
d.   Providing information and consultative services concerning China's education, culture and so on.

2.0 Chinese Language Elective Courses (CLEC)

During the academic year 2016/17 CI-UDSM changed the former *General Chinese Language Programme* of non-degree courses to *Chinese Language Elective Courses (ELEC)*. Students in various degree programmes are allowed to opt for the *Elective Courses* in relatively the same way that they opt for university-wide courses, such as Communication Skills (in the College of Humanities) and Development Perspectives (in the Institute of Development Studies).

2.1 Course Management, Structure and Course Outlines

Code	Title	Status	Credits
First Year: Semester I			
CM 105	Chinese Language Course for Beginners I	Elective	12
First Year: Semester II			
CM 109	Chinese Language Course for Beginners II	Elective	12
Second Year: Semester I			
CM 209	Chinese Language Course for Intermediate Learners I	Elective	12
Second Year: Semester II			
CM 210	Chinese Language Course for Intermediate Learners II	Elective	12
Third Year: Semester I			
CM 308	Chinese Language Course for Advanced Learners I	Elective	12
Third Year: Semester II			
CM 309	Chinese Language Course for Advanced Learners II	Elective	12
Total			**72**

2.2 Comparing CLEC to General Chinese Language Proficiency

A student completing CLEC will be able to attempt the Chinese Proficiency Test (HSK) and get certificates that are internationally recognized. The following table compares the CLEC and HSK levels.

Code	Title	Credits	Benchmark to HSK
CM 105	Beginners Level	24	HSK Level 1
CM 109			
CM 209	Intermediate Level	24	HSK Level 2
CM 210			
CM 308	Advanced Level	24	HSK Level 3
CM 309			

2.3 Course Registration Requirements

Any student admitted in an undergraduate programme of the University of Dar es Salaam or its constituent college shall be deemed eligible to register for CLEC. However, a student shall be required to complete the prerequisite level course(s) before he/she can register for the next level. That is, a student must complete CM 105 and CM 109 and pass the University examination in order to register for CM 209 and CM 210. Nevertheless, a student is not compelled to complete all six courses. He/she can register for CM 105 in any year of one's study and continue with the other courses in subsequent years, in which case he/she will only be able to complete a few levels. For example, a student registering for the courses in the second year will be able to complete two levels only: Beginners and Intermediate.

3.0 Diploma in Chinese Language

From the academic year 2018/2019 CI-UDSM is offering a two-year diploma program in Chinese Language. The course offered at University of Dar es Salaam Mwalimu J. K. Nyerere Campus.

3.1 Entry Requirements

A candidate shall be considered eligible for admission to the diploma in Chinese programme if he/she has the following qualifications:

a) Holder of Advanced Certificate of Secondary School Examination (ACSEE) with at least ONE (1) principal pass and Subsidiary;

b) Certificate of Secondary Education (CSEE) with FOUR (4) passes in non-religious subjects and HSK (Chinese Proficiency Test, an international standardized Chinese test) level II; OR

c) One-year Basic Certificate Course.

3.2 Nature of Practical Training

Practical training will consist of 30% of total course hours of which students will be required to do the practice in all four language skills in Chinese companies.

3.3 Details on Programme Assessment

3.3.1 Assessment strategy

The programme assessment will be based on combining coursework or continuous assessment and final examination. Theory based courses are set to have 40% coursework and 60% final written examination. Practical based courses will have 40% coursework and 60% final examination.

3.3.2 Examination regulations

The general University of Dar es Salaam examination rules and regulations shall apply.

3.4 Programme Structure and Course Outlines

The course structure below presents a list of courses a student in Diploma programme in Chinese will take. The course Code "CM" stands for the Chinese Mandarin variety, which is the focus of the Confucius Institute studies.

Code	Course Title	Status	Credits
First Year: Semester I			
CM 010	Basic Chinese Listening I	Core	12
CM 011	Basic Chinese Speaking I	Core	12
CM 012	Basic Comprehensive Chinese I	Core	12
CM 102*	Chinese Characters	Core	12
CM 013	Basic Chinese Reading I	Core	12
Total			**60**
First Year: Semester II			
CM 014	Basic Chinese Listening II	Core	12
CM 015	Basic Chinese Speaking II	Core	12
CM 016	Basic Comprehensive Chinese II	Core	12
CM 017	Basic Chinese Reading II	Core	12
CM 018	Basic Chinese Writing I	Core	12
Total			**60**
Second Year: Semester I			
CM 019	Intermediate Chinese Listening and Speaking I	Core	12
CM 020	Intermediate Comprehensive Chinese I	Core	12
CM 021	Basic Chinese Writing II	Core	12
CM 022	Tourism Chinese	Core	12
CM 023	Introduction to Chinese Grammar I	Core	12
Total			**60**
Second Year: Semester II			
CM 024	Intermediate Chinese Listening and Speaking II	Core	12
CM 025	Intermediate Comprehensive Chinese II	Core	12
CM 026	Business Chinese	Core	12
CM 027	Introduction to Chinese Culture	Core	12
CM 028	Introduction to Chinese Grammar II	Core	12
Total			**60**

Note: CM stands for Chinese ~ Mandarin an English oriented meaning of Chinese language studies

HSK & HSKK
(Chinese Proficiency Test)

HSK and HSKK are international standardized Chinese language tests which measure the ability of non-native Chinese speakers to communicate in Chinese in their daily lives, academic activities and working settings.

HSK comprises of six levels from HSK-Level 1 to HSK-Level 6.

HSKK mainly examines the oral ability in Chinese, including HSKK (primary), HSKK (intermediate) and HSKK (advanced).

Testing time: March, May, June and December. For more information, please visit www. chinesetest.cn

Types	HSK Requirements
Scholarship for Master's Degree in Teaching Chinese to Speakers of other Languages (MTCSOL)	Applicants shall hold a Bachelor's degree and have a minimum score of 210 on the HSK Test (Level 5) and 60 on the HSKK Test (Intermediate Level)
Scholarship for Bachelor's Degree in Teaching Chinese to Speakers of other Languages (BTCSOL)	Applicants shall hold a high school diploma and a minimum score of 210 on the HSK Test (Level 4) as well as 60 on the HSKK test (Intermediate Level)
Scholarship for One Academic Year Study Students	At least 270 on the HSK Test (Level 3) and own a notarized score in HSKK test for program of Teaching Chinese to Speakers of other Languages At least 180 on the HSK Test (Level 4) and 60 on the HSKK test for program of Chinese Language and Literature, Chinese History and Chinese Philosophy At least 210 on the HSK Test (Level 3) for program of Chinese Language Training

Chinese Summer Camp

Every year in July or August, Confucius Institute at UDSM organizes a 3-week Chinese Summer Camp in China which enables students to experience the Chinese language and culture. Students are only required to pay the international flight fare and all accommodation expenses will be covered by the Confucius Institute Headquarters.

Chinese Bridge

Every year in May, CI-UDSM organizes Chinese Bridge – Chinese proficiency competition for local college students. The first and second winners are chosen as the Tanzanian representatives to participate in the global Chinese-Bridge Competition in China and visit Chinese cities. All the expenses including the international airfare, accommodation, food and the transportation in China are covered by Confucius Institute Headquarters.

Registration Time: 1st February to 20th March

Chinese Short Courses – Confucius Institute at University of Dar es Salaam
▲ Courses: Basic Chinese Level I & II Intermediate Chinese Level I & II
▲ Time and Days: 16:30 – 18:30 on Mondays, Tuesdays, Thursdays and Fridays
   Duration: 2 months
▲ Tuition fees: **Tshs 120,000** for UDSM students; **Tshs 150,000** for Secondary School students, **Tshs 200,000** for UDSM staff and students from other Universities, form four and form six leavers (in the respective years) and **Tshs 300,000** for others.

Current Affiliated Institutions –This may change and the number can be reduced to only Public Universities, Colleges and Institutes:
1. University of Dar es Salaam (UDSM) – Dar es Salaam
2. Ardhi University (ARU) – Dar es Salaam
3. Mwalimu Nyerere Memorial Academy (MNMA) – Dar es Salaam
4. Tanzania-Mozambique Centre for Foreign Relations (CFR) – Dar es Salaam
5. Tanzania Public Service College (TPSC) – Dar es Salaam
6. Mbeya University of Science and Technology (MUST) – Mbeya
7. St. Augustine University (SAUT) – Mwanza
8. Dar es Salaam University College of Education (DUCE) – Dar es Salaam
9. Mkwawa University College of Education (MUCE) – Iringa
10. Institute of Accountancy Arusha (IAA) –Arusha
11. National College of Tourism (NCT) – Dar es Salaam
12. Baobab Secondary School – Bagamoyo, Coast Region
13. St. Christina Girls Secondary School – Tanga
14. St. Matthews Secondary School – Mkuranga, Coast Region

15. Sangu Secondary School – Mbeya
16. King David Primary and Secondary Schools – Mtwara
17. Mlimani Primary School – Dar es Salaam
18. Joseph Witts Bukanga High School – Musoma
19. Nyangao Secondary School – Lindi
20. Rosemin Secondary School – Tanga
21. National College of Tourism – Arusha

CI-UDSM STAFF LIST
Ag. Chinese Director
Z. Xiaozhen

Associate Professor and Co-Director
A. K. Mutembei, BAEd, MA (Dar), MA, PhD (Leiden)

Senior Administrative Officer
J. George

Administrative Officer
T. Milambo

Associate Professor
S. Guo, BA (Xuzhou), MA, PhD (Shanghai)

Lecturers
L. Wang, BA (Shandong), MA (Wuhan), PhD (Beijing)
X. Yang, BA (Henan), MA, PhD (Shanghai)
P. Wang, BA (ZNU), MA (Guangxi)
L. Zhang, BA, MA (ZNU)
X. Wang, BA (Shandong), MA (Shanghai)
X. Li, BA (Hebei), MA (Jilin)

INTRODUCTION
The School of Mines and Geosciences (SoMG) comprises of the Departments of Geosciences, Mining and Mineral Processing Engineering and Petroleum Science and Engineering.

The School offers the following four-year undergraduate programmes leading to degrees:

i.   Bachelor of Science in Engineering Geology (BScEngGeo)
ii.   Bachelor of Science in Geology (BScGeo)
iii. Bachelor of Science in Geophysics (BScGeoPhys)
iv.   Bachelor of Science in Geology and Geothermal Resources (BScGeoGeothEn)
v.   Bachelor of Science in Metallurgy and Mineral Processing Engineering (BScMMPE)
vi.   Bachelor of Science in Mining Engineering (BScMNTechE)
vii. Bachelor of Science in Petroleum Geology (BScPGeo)
viii. Bachelor of Science in Petroleum Engineering (BScPE)
ix.   Bachelor of Science with Geology (BSc-Geo)

Regulations Governing the Award of the BSc Degree
The School operates a semester system of studies. Each discipline offers a variety of courses, including core courses which are compulsory to students majoring in the subjects, and Elective courses. Each course is given a credit weighting according to the time devoted to it on the timetable. Fifteen one-hour lectures and 15 two to three-hour practical classes constitute four credits. Thus, for example, a course consisting of 30 one-hour lectures and 15 three-hour practical classes is a Twelve (12) credits course. Seminars and discussion groups are not counted in the weighting unless they make up more than a third of the total teaching hours in a course.

General Degree Regulations
1   A minimum of 428 credits must be passed, for the award of a 4-year degree (BScEngGeo, BScGeo, BScGeoPhys, BScGeoGeothEn, BScMMPE, BScMNTechE, BScPGeo, BScPE and BSc-Geo), a minimum of 480 credits must be passed. Passing a course shall mean scoring a C grade or higher.
2   All students admitted to the BSc-Geo programme shall major in two science subjects (one two subjects must be Geology) starting from their first, second and third year of study.
3   Science students must take and pass the recommended core courses in Development Studies (100 series), Communication skills (100 series) and Environmental Science (200 series).
4   Each student shall register for courses totalling to at least 120 credits per academic year
5   In addition to core courses required for his/her major subjects, Development Studies, Communication skills and Environmental Science, a student may choose as an elective any course for which he/she can meet the prerequisite/ Co-requisite requirements and which is compatible with the teaching timetable (subject to regulation No. 6).
6   At the end of the academic year every student shall, in consultation with his/her Academic Advisor, map out his/ her course programme for the next year. A course programme shall be subject to approval by the Head of the Department in which the student intends to major and by the Dean of the School. The Dean's approval shall constitute formal enrolment for all the courses listed in the programme. For first year students, mapping of the course programme will be done during the orientation week.
7   B.Sc with Geology and BSc (Eng Geol.):
    For the BSc (with Geol.) programme, students should, in addition to Geology, select any two subjects in their first year of study from the list below:
    Chemistry, Mathematics, Physics, Botany, Zoology, Statistics and Geography.
    BSc (Eng Geol.) students shall be required to do a selection of approved courses from the programmes in Geology and Civil Engineering.
8   Students may be admitted to SoMG as transfer students (advanced standing status) provided that their previous work was done at an institution recognized by the University of Dar es Salaam. Such students must provide also a detailed syllabus of the course done and transcript of the grades obtained.
9   The maximum transferable load shall be 120 credits (approximately one year's work).
10 The degree classification of a transfer student shall be based solely on credits done at the University of Dar es Salaam. It shall be based on a minimum of 360 credits.

School Examination Regulations

11   Each course will be assessed at the time of its completion and a grade awarded. The grade will be based on an end of course examination and a coursework assessment. The coursework assessment shall normally constitute 40% of the total course assessment. Coursework assessment, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignments on which it is based shall be available for scrutiny by the External Examiner.

12   Monitoring of the student's progress in each course will be based on the following:

    12.1   Grade to marks (%) correspondence:
        A = 70%-100%; B+ = 60%-69%; B = 50%-59%;
        C = 40%-49%;   D = 35%-39%; E = 0%-34%

    12.2   Grade to points correspondence:
        A = 5 points   B+ = 4 points   B = 3 points
        C = 2 points   D = 1 points   E = 0 points

    12.3   Course grade multiplied by the appropriate credit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.

13   An average grade for each major subject shall be worked out by adding together, by means of weighted points, all the grades of the core course in that subject. The following points to grade correspondence shall apply in monitoring the student's progress in each major subject:

4.4-5.0 = A

3.5-4.3 = B+

2.7-3.4 = B

2.0-2.6 = C

1.0-1.9 = D

0.0-0.9 = E

14   A student who has passed courses totalling more than 480 credits in a four- year programme shall have one or more elective courses excluded from the assessment in the degree classification. The assessment shall in this case exclude those elective courses in which the student had the worst performance.

15   The average score for the degree will be computed in the same way as for the average score for a major subject. The degree classification shall be based on the best 480 provided that regulations Nos. 1 to 5 above are fulfilled. The classification shall be as follows:
First Class – 4.4 – 5.0
Upper Second 3.5 – 4.3
Lower Second 2.7 – 3.4
Pass 2.0 – 2.6

16   To be allowed to continue with any degree programme in the School, a student must pass all the prescribed core courses in each of the major Science subjects and attain an overall GPA of 2.0 or above.

    16.1 A student not in his/her final year of study who obtains a C average in all the courses including all core courses in one major Science subject and a D average of 1.5 or above in the minimum required courses of the second major Science subject, and having an overall GPA of 1.8 or above, shall be allowed to sit for supplementary examinations.

    16.2 Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.

    16.3 A student not in the final year who obtains a D average of less than 1.8 in all the core courses of any two major subjects or an E average in all the core courses of any major subject shall be discontinued.

17   Supplementary Examinations will be held once each year prior to the commencement of the subsequent academic year, for the core courses examined during the previous session. Any student, who has qualified to continue with his studies under regulation No. 16.1, must sit for a supplementary examination in any

core courses in which he/ she has failed (i.e. scored a D or E) in the examination. The highest grade awarded shall be the minimum passing grade (i.e. C).

18   With the approval of the School Board and Senate, certain courses may be designated as courses where coursework supplementation will not be permitted. When the coursework assessment in such a course is failed, the entire course must be repeated.

19   If after taking supplementary examinations a student fails to obtain a C average at 2.0 or better in all the core courses in two of the Science subjects that he/she will be majoring in, he/she shall be discontinued from studies.

20   A grade scored in the supplementary examination shall constitute the final grade in that course regardless of the score in the original examination.

21   A student who has qualified to continue with his/her studies (under Regulations 18 and 19 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.

   21.1   A student who fails a supplementary examination in a core course in which he/she has enrolled twice shall be discontinued.

   21.2   A student who has failed a practical course, which cannot be supplemented, shall be allowed to proceed to the next year of study provided his/her GPA in that major subject is 1.8 or higher.

22   Supplementary work in or repetition of elective courses will only be allowed in exceptional circumstances, normally only when those units are needed to complete a degree programme.

23   A special examination in a course to be regarded as constituting a first sitting shall be given to students who for satisfactory reasons were allowed by the Dean not to take the regular examination.

   23.1   Normally, special examinations will be given at the time of supplementary examinations

   23.2   A student who is required to sit for a special examination or who, for satisfactory reasons, has not completed an important portion of his/her course work, shall be awarded an "I" ("Incomplete") Grade

   23.3   A student who has been awarded an "I" grade during any academic year is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the School Board, any "I" grade not cleared at the time of the supplementary examinations automatically becomes an "E" grade.

24   No student will be enrolled in a course for which he/she has not fulfilled the prerequisites. A course for which a "D" grade or lower is obtained shall not be counted as fulfilling a prerequisite for any course unless it is a course in the same series taken during the same session

25   To be allowed to repeat a course, in which an examination is a part of the assessment, a student must first sit for supplementary examination in that course

26   The maximum time for which a student may remain registered in the School is 6 years. Any student who is required to repeat/complete certain courses in order to qualify for the award of a degree shall be deemed to have failed the programme at the end of the maximum period if any of such courses have not been passed.

Practical Training
SoMG runs a practical training programme in which students enrolled in the BScEngGeo, BScGeo, BScGeoPhys, BScGeoGeothEn, BScMMPE, BScMNTechE, BScPGeo, BScPE and BSc-Geo courses engage in practical activities related to their fields of study. Normally these activities are held in various Institutions outside the University. The programme has three parts: one coming immediately after the First Year and the other immediately after the Second and third-Year. The programme seeks:

(i)   To expose students to the various research and/or production activities being carried out in different parts of the country;

(ii)   To enable students to apply their knowledge in practice;

(iii)   To ensure that, on leaving the University, graduates have acquired some appropriate work experience;

(iv)   To establish and maintain contact between prospective employers and the University in order to ensure

that Students are given the appropriate skills and knowledge for the jobs they are likely to be called upon to perform after graduation;

(v)   To enable prospective employers and employees to become acquainted with one another in the working situation.

Regulations Governing Practical Training

1   A student must pass practical training before qualifying for the award of the degree.

2   The assessment will be based on the following four items:
      Employers Assessment   10%
      Logbook   20%
      Final Report   60%
      Presentation   10%

2.1   Assessment by the Employer

The Employer using an assessment form shall grade the items listed below using the following weighting:

A = Excellent,   B = Very Good,   C = Good,   D = Fair   E = Poor.

The items to be graded by the employer will include the following:
(i)   Skills obtained by the student.
(ii)   Attitude towards work.
(iii)   Personal initiatives and independence.
(iv)   Reliability in carrying out duties.
(v)   Punctuality to work.

The above 5 items will account for 10% of the overall assessment.

2.2   Assessment of Logbook

The logbooks should contain description of activities and tasks assigned to students, output from such activities and remarks by the employer. The employer shall sign the document on a weekly basis. The logbook shall be submitted to the University supervisor together with the final report. The grading of the logbook shall be marked out of 20% based on the following:
(iii)   Clear description of activities   10%
(iv)   Description of Outputs   10%

2.3   Assessment of Final Report

Grading of the report shall take into consideration the following distribution of marks.
Description and analysis of tasks given   10%
Problem identification and scientific methods used   15%
Presentation of results and data   20%
Correctness of information (graphs, maps etc)   10%
Summary and conclusions   05%

3   A student in his/her last but one year of study who fails practical training will be required to go through and pass a supplementary training period, which will be arranged for him/her in June-August of the subsequent year after completion of University Examinations. A first-year student who fails practical training will be required to go through and pass a supplementary training period, which will be arranged during the 6 weeks of the long vacation of the subsequent year.

4   Students who do not go to places allocated to them for practical training without satisfactory reasons will be deemed to have failed their practical training, and will as a result be discontinued from the University.

5   Students who go to the allocated PT places but refuse to follow the training programme will be deemed to have absconded and consequently shall be discontinued from studies.

DEPARTMENT OF GEOSCIENCES

Bachelor of Science in Geology

Common Courses

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
First Year				
GY 100	Introduction to Geology and Geological Processes	12	1	Core
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12	1	Core
PH 122	Classical Mechanics	8	1	Core
PH 127	Vibration, Waves and Optics	12	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12	2	Core
GY 125	Introduction to Survey and Mapping	12	2	Core
MT 171	One Variable Calculus for Non-Majors	12	2	Core
PH 128	Electromagnetism	12	2	Core
MT 114	Computer Programming	12	1	Elective
CH 117	Organic Chemistry I	12	2	Elective
ST 118	Time Series and Index Numbers	12	2	Elective
IS 131	Introduction to Informatics and Microcomputers	12	2	Elective
GY 265	Geological Mapping I	4		Core
Second Year				
GY 201	Optical Mineralogy	12	1	Core
GY 229	Introduction to Geochemistry	12	1	Core
GY 250	Mineralogy and Crystallography	12	1	Core
GY 252	Fundamentals of Engineering Geology	12	1	Core
GY 243	Structural Geology	12	2	Core
GY 245	Remote Sensing and GIS	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
GY 263	Fundamentals of Geophysics	12	2	Core
MT 271	Statistics for Mathematics Non-Majors	12	2	Core
GY 355	Geological Mapping II	4		Core
GY 230	Petroleum Geology I	8	1	Elective
GY 333	Applied Geophysics	12	1	Elective
MT 114	Computers and Programming	12	1	Elective
MT 161	Matrices and Basic Calculus for Non-Major	12	1	Elective
SC 215	Scientific Methods	8	1	Elective
CL 108	Communication Skills for Commerce and Management	12	2	Elective
DS 113	Development Perspectives II	12	2	Core
Third Year				
GY 310	Principles of Stratigraphy and Palaeontology	12	1	Core
GY 336	Introduction to Hydrogeology	12	1	Core
GY 361	Magmatic Petrology	12	1	Core
GY 371	Geotectonics	12	1	Core

Code	Course Title	Credits	Semester	Status
GY 311	Metallic Mineral Deposits	12	2	Core
GY 344	Geomorphology and Soils	12	2	Core
GY 362	Metamorphic Petrology	12	2	Core
GY 363	Integrated Prospecting Methods	12	2	Core
GY 485	Practical Training	8	1	Core
GY 312	Palaeontology	12	1	Elective
GY 333	Applied Geophysics	12	1	Elective
GY 338	Petroleum Geophysics	12	1	Elective
EV 200	Environmental Science I	8	2	Elective
EV 300	Environmental Science II	8	2	Elective
ST 118	Time Series and Index Numbers	12	2	Elective
MT 171	One Variable Calculus for Non-Majors	12	2	Elective
GY 260	Sedimentology and Sedimentary Petrology	12	2	Elective
GY 301	Petroleum Geology II	12	2	Elective
GY 351	Fundamentals of Seismology	8	2	Elective
GY 352	Marine Geology	8	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
Fourth Year				
GY 402	Industrial Minerals and Rocks	12	1	Core
GY 411	Geology and Mineral Resources of Tanzania	12	1	Core
GY 412	Ore Microscopy	8	1	Core
GY 413	Mining Geology	12	1	Core
MM 405	Mineral Economics	8	1	Core
MK 100	Introduction to Business	12	2	Core
GM 100	Principles and Practice of Management	12	2	Core
GY 401	History of the Earth	8	2	Core
GY 405	Independent Project	12	2	Core
GY 446	Environmental Geology	8	2	Core
GY 310	Principles of Stratigraphy and Palaeontology	12	1	Elective
GY 406	Petroleum Geology	12	1	Elective
MT 161	Matrices and Basic Calculus for Non-Majors	12	1	Elective
SC 215	Scientific Methods	8	1	Elective
MN 480	Mineral Economics	12	1	Elective
GY 351	Fundamentals of Seismology	8	2	Elective
GY 404	Mineral Processing	8	2	Elective
GY 408	Basement Analysis	8	2	Elective
GY 410	Advanced Hydrogeology	8	2	Elective
GY 424	Rock Excavation and Support	8	2	Elective
GY 445	Oil and Gas Policy and Environmental Law	12	2	Elective
GY 457	Isotope Geology	8	2	Elective
MM 343	Geostatistics	8	2	Elective

Bachelor of Science with Geology

Common Courses

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core

Code	Course Title	Credits	Semester	Status
First Year				
GY 100	Introduction to Geology and Geological Processes	3	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12	2	Core
GY 125	Introduction to Mapping and Surveying	12	2	Core
GY 265	Geological Mapping I	4		Core
AC 102	Fundamentals of Accounting for Non-Business majors	12	1	Elective
IS 161	Basic Computer Applications	12	1	Elective
MT 114	Computer Programming	12	1	Elective
Second Year				
GY 201	Optical Mineralogy	3	1	Core
GY 229	Introduction to Geochemistry	12	1	Core
GY 250	Mineralogy and Crystallography	12	1	Core
GY 243	Structural Geology	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
GY 263	Fundamentals of Geophysics	12	2	Core
GY 355	Geological Mapping II	8		Core
MT 114	Computer Programming	12	1	Elective
SC 215	Scientific Methods	8	1	Elective
GY 252	Fundamentals of Engineering Geology	12	1	Elective
MT 100	Foundations of Analysis	12	1	Elective
MT 114	Computer Programming	12	1	Elective
DS 207	Population Environment and Development	12	1	Elective
GY 230	Petroleum Geology I	8	1	Elective
GY 245	Remote Sensing and GIS Application	12	2	Elective
MT 136	Ordinary Differential Equations 1	8	2	Elective
Third Year				
GY 310	Principles of Stratigraphy and Paleontology	12	1	Core
GY 336	Introduction to Hydrogeology	12	1	Core
GY 361	Magmatic Petrology	12	1	Core
GY 245	Remote Sensing and GIS	12	2	Core
GY 311	Metallic Mineral Deposits	12	2	Core
GY 362	Metamorphic Petrology	12	2	Core
GY312	Palaeontology	12	1	Elective
GY 333	Applied Geophysics	12	1	Elective
GY 371	Geotectonics	12	1	Elective
EV 300	Environmental Science II	8	2	Elective
CH 305	Chemistry of Natural Products	12	2	Elective
GY 260	Sedimentology and Sedimentary Petrology	12	2	Elective
GY 301	Petroleum Geology II	12	2	Elective
GY 344	Geomorphology and Soil	12	2	Elective
GY 351	Fundamental of Seismology	8	2	Elective
GY 352	Marine Geology	12	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 372	Coal Geology	12	2	Elective
GY 485	Practical Training	8	2	Elective
Fourth Year				
GY 401	History of the Earth	8	1	Core
GY 402	Industrial Minerals and Rocks	12	1	Core
GY 411	Geology and Mineral Resources of	12	1	Core

Code	Course Title	Credits	Semester	Status
	Tanzania			
GY 412	Ore Microscopy	8	1	Core
GY 413	Mining Geology	12	1	Core
MM 405	Mineral Economics	8	1	Core
GY 363	Integrated Prospecting Methods	12	2	Core
GY 405	Independent Project	12	2	Core
GY 446	Environmental Geology	8	2	Core
GY 310	Principles of stratigraphy and Palaeontology	12	1	Elective
GY 406	Petroleum Geology	12	1	Elective
GY 431	Dam Geology	8	1	Elective
MK 100	Introduction to Business	12	1	Elective
MN 480	Mineral Economics	12	1	Elective
GY 260	Sedimentology and Sedimentary Petrology	12	2	Elective
GM 100	Principles and Practice of Management	12	2	Elective
AS 103	Introduction to Quantitative Research Methods	12	2	Elective
CL 108	Business Communication	12	2	Elective
GY 311	Metallic Mineral Deposits	12	2	Elective
GY 344	Geomorphology and Soil	12	2	Elective
GY 352	Marine Geology	8	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 362	Metamorphic Petrology	12	2	Elective
GY 404	Mineral Processing	8	2	Elective
GY 410	Advanced Hydrogeology	8	2	Elective
GY 423	Applied Rock Mechanics	12	2	Elective
GY 424	Rocks Excavation and Support	8	2	Elective

Courses for subject combinations under Bachelor of Science with Geology

Botany

Code	Course Title	Credits	Semester	Status
BL 111	Introduction to Cell Biology and Genetics	12	1	Core
BT 111	Introduction to Botany	8	1	Core
BT 130	Evolutionary Botany	12	1	Core
BT 113	Introduction to Plant Physiology	8	2	Core
CH 113	Chemistry for Life Sciences Students	12		Core
BL 113	Ecology I	8	2	Core
BL 215	Ecology II	12	2	Core
BT 225	Taxonomy of Higher Plants	12	1	Core
BT 217	Plant genetics and Evolution	8	1	Core
BT 218	Metabolic Physiology and Plant Growth	8	2	Core
BT 329	Plant Ecology and Phytogeography	12	2	Core
BT 349	Management and Monitoring of Fragile Ecosystems	12	1	Core
BT 327	Anatomy of Angiosperms	8	1	Core
BT 356	Plant Diversity and Conservation	12	2	Core
ZL 121	Invertebrate Zoology	8	1	Elective
ZL 124	Developmental Biology	8	2	Elective
BT 211	Fundamentals of Soil Science	8	1	Elective
SC 215	Scientific Methods	8	1	Elective

Code	Course Title	Credits	Semester	Status
BT 215	Introduction to Mycology	8	2	Elective
BT 221	Management and Conservation of Soil	12	2	Elective
BL 234	Biostatistics I	12	2	Elective
BT 321	Applied Plant Physiology	8	1	Elective
BL 399	Research Project	8	2	Elective
BT 323	Algal Ecology and Systematics	12	2	Elective

Chemistry

Code	Course Title	Credits	Semester	Status
CH 121	Chemistry Practical I	8	1	Core
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CH 172	Chemical Separation	12	1	Core
CH 117	Organic Chemistry I	12	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Core
CH 248	Instrumental methods in Analytical Chemistry	8	1	Core
CH 243	Organic Chemistry II	12	1	Core
CH 241	Chemistry Practicals III	8	1	Core
CH 219	Systematic Inorganic Chemistry	12	2	Core
CH 341	Chemistry Practicals V	8	2	Core
CH 201	Chemical Thermodynamics	12	1	Core
CH 290	Chemical Kinetics and Electrochemistry	12	1	Core
CH 364	Coordination Chemistry	8	2	Core
CH 173	Introduction to Electronic Structure and Spectroscopy	12	2	Elective
CH 122	Chemistry Practical II	8	2	Elective
CH 242	Chemistry Practicals IV	8	2	Elective
CH 290	Chemical Kinetics and Electrochemistry	12	2	Elective
CH 280	Organic Structures, Reactions and Mechanism	12	2	Elective
CH 262	Analytical and Environmental Chemistry	12	1	Elective
CH 323	Organic Spectroscopy	8	1	Elective
CH 363	Chemical Waste Management	8	1	Elective
CH 374	Bio-Inorganic Chemistry	8	2	Elective

Physics

Code	Course Title	Credits	Semester	Status
PH 122	Classical Mechanics	8	1	Core
PH 127	Vibration Waves and Optics	12	1	Core
PH 116	Experimental Method of Physics 1	8	2	Core
PH 128	Electromagnetism	12	2	Core
PH 247	Practicals II	8	1	Core
PH 222	Advanced Mechanics	8	1	Core
PH 217	Quantum Physics	12	2	Core
PH 202	Mathematical Methods of Physics	12	2	Core
PH 229	Computational Physics	8	2	Core
PH 351	Physics of the Atom	12	1	Core
PH 220	Statistical Thermodynamics	8	2	Core
PH 339	Electronics	12	2	Core
PH 229	Computational Physics	8	2	Elective
PH 332	Solid State Physics	8	2	Elective
PH 364	Earth-Atmosphere System	8	2	Elective
PH 346	Physics Project	8	2	Elective

Code	Course Title	Credits	Semester	Status
Mathematics				
MT 100	Foundations of Analysis	12	1	Core
MT 127	Linear Algebra 1	12	1	Core
MT 120	Analysis 1: Functions of a Single Variable	12	2	Core
MT 136	Ordinary Differential Equations 1	8	2	Core
MT 200	Analysis 2: Functions of Several Variables	12	1	Core
MT 233	Mathematical Statistics	12	1	Core
MT 278	Linear Programming	12	2	Core
MT 274	Numerical Analysis I	12	2	Core
MT 357	Abstract Algebra I	12	1	Core
MT 378	Queuing Theory and Inventory Models	12	1	Core
MT 310	Analysis 3:Complex Analysis I	12	2	Core
MT 114	Computer Programming	12	1	Elective
MT 147	Discrete Mathematics	12	2	Elective
MT 216	Ordinary Differential Equations	12	1	Elective
MT 226	Partial Differential Equations	8	1	Elective
MT 254	Numerical Analysis 1	8	2	Elective
MT 218	Linear Programming	8	2	Elective
Geography				
GE 140	Introduction to Physical Geography	12	1	Core
GE 142	Spatial Organisation	12	1	Core
GE 145	Environmental Education	12	1	Core
GE 141	Climatology	12	2	Core
GE 144	Surveying and Mapping Science	12	2	Core
GE 240	Soil Resources	12	1	Core
GE 246	Hydrometeorology	12	2	Core
GE 247	Population Studies	12	2	Core
GE 352	Natural Resources Management	12	1	Core
GE 340	Water Resources Management	12	1	Core
GE 354	Environmental Assessment	12	2	Core
GE 143	Environmental Resources and Food Security	12	2	Elective
GE 244	Quantitative Methods in Geography	12	1	Elective
GE 251	Tourism and Leisure	12	1	Elective
GE 250	Environmental Education and Conservation	12	1	Elective
GE 241	Biogeography	12	2	Elective
GE 343	Population and Development	12	1	Elective
GE 353	Geographical Information Systems	12	1	Elective
GE 348	Environmental Disaster Management	12	1	Elective
GE 346	Project Planning and Management	12	2	Elective
GE 350	Environmental Policy and Planning	12	2	Elective
Statistics				
ST 113	Basic Statistics	12	1	Core
ST 121	Analytical Calculus	12	1	Core
ST 114	Probability Theory I	12	2	Core
ST 122	Linear Algebra with Application	12	2	Core
ST 210	Probability Distributions I	12	1	Core
ST 215	Differential and Difference Equations	12	1	Core
ST 211	Probability Distributions II	12	2	Core
ST 212	Statistical Inference I	12	2	Core

Code	Course Title	Credits	Semester	Status
ST 310	Statistical Inference II	12	1	Core
ST 316	Statistical Quality Control	12	1	Core
ST 311	Multivariate Normal Distribution	12	2	Core
ST 318	Sampling Theory and Methodology	12	2	Core
ST 312	Stochastic Processes	12	2	Core

Bachelor of Science in Geophysics

Common Courses

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core

First Year

Code	Course Title	Credits	Semester	Status
GY100	Introduction to Geology and Geological Processes	12	1	Core
MT 127	Linear Algebra	12	1	Core
MT 100	Foundations of Analysis	12	1	Core
PH 122	Classical Mechanics	8	1	Core
PH 133	Vibration and Waves	8	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12	2	Core
GY 125	Introduction to Survey and Mapping	12	2	Core
GP 120	Earth Physics	8	2	Core
MT 136	Ordinary Differential Equations	8	2	Core
MT 120	Analysis 1: Functions of Single Variable	8	2	Core
PH 121	Electricity and Magnetism	8	2	Core

Second Year

Code	Course Title	Credits	Semester	Status
MT 114	Computer Programming	12	1	Core
PH 347	Electromagnetism	8	1	Core
MT 200	Calculus of Several variables	12	1	Core
GP 211	Rock Physics	12	1	Core
MT 226	Partial Differential Equations	8	1	Core
GP 265	Geophysical Field School I	8	1	Core
GY 252	Fundamentals of Engineering Geology	8	1	Core
GY 243	Structural Geology	12	2	Core
GP 221	Nuclear Geophysics	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
GY 229	Introduction to Geochemistry	12	1	Elective
GY 250	Mineralogy and Crystallography	12	1	Elective
GY 245	Remote Sensing and GIS	12	1	Elective
GY 230	Petroleum Geology 1	12	1	Elective
GY 250	Crystallography and Mineralogy	12	1	Elective
CL 107	Communication Skills for Science	12	2	Elective

Code	Course Title	Credits	Semester	Status
Third Year				
GY310	Principles of Stratigraphy and Palaeontology	12	1	Core
GY 314	Igneous and Metamorphic Petrology	12	1	
GP 311	Gravity and Magnetic Method	12	1	Core
GP 312	Seismology	12	1	Core
GY311	Metallic Mineral Deposits	12	1	Core
GP 321	Exploration Seismology	12	2	Core
GP 322	Electrical and Electromagnetic Methods	12	2	Core
GP313	Geophysical Time Series Analysis	12	2	Core
PH 204	Mathematical Methods for Physics	12	1	Elective
GY 371	Geotectonics	12	1	Elective
GY 326	Introduction to Hydrogeology	12	2	Elective
GY 301	Petroleum Geology II	12	2	Elective
GP 335	Practical Training	8		Core
Fourth Year				
GY411	Geology and Mineral Resources of Tanzania	12	1	Core
GP401	Groundwater and Environmental Geophysics	12	1	Core
GP 421	Seismic Data Interpretation	12	1	Core
GP 414	Inversion of Geophysical Data	12	1	Core
GP 455	Geophysical Field School II	8	1	Core
MK 100	Principles of Management and Administration	12	2	Core
GP 412	Borehole Geophysics	12	2	Core
GM 102	Introduction to Business	12	2	Core
GP 435	Geophysical Independent Project	12	2	Core
GY 479	Reservoir Characterization	8	1	Elective
GY 418	Sedimentary Basin and Petroleum Systems	12	1	Elective
GP 413	Mining Geophysics	8	1	Elective
GY 402	Industrial Minerals and Rocks	12	1	Elective
GP 402	Seismic Hazard Analysis	12	2	Elective
GY 401	History of the Earth	8	2	Elective
GY 446	Environmental Geology	8	2	Elective

Bachelor of Science in Geology and Geothermal Energy

Common Courses

Code	Course Title	Credits	Semester	Status
Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	1	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
First Year				
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
GY100	Introduction to Geology and Geological Processes	12	1	Core
MT161	Matrices and Basic Calculus for Non-Majors	12	1	Core
PH 133	Vibration and Waves	12	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8	1	Core
PH 122	Classical Mechanics	8	1	Core
GY120	Earth Materials (Rocks and Minerals)	12	2	Core
GY125	Introduction to Survey and Mapping	12	2	Core
MT171	One Variable Calculus for Non-Majors	12	2	Core
PH121	Electricity and Magnetism	12	2	Core
PH 129	Atmospheric Thermodynamics	12	2	Core
GY265	Geological Mapping I	4	2	Core
Second Year				
GY201	Optical Mineralogy	12	1	Core
GY229	Introduction to Geochemistry	12	1	Core
GY250	Mineralogy and Crystallography	12	1	Core
*GR 201	Volcanology	8	1	Core
CH 201	Chemical Thermodynamics	8	1	Core
GY243	Structural Geology	12	2	Core
GY245	Remote Sensing and GIS	12	2	Core
GR 204	Geothermal Systems	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
GY263	Fundamentals of Geophysics	12	2	Core
SC 215	Scientific Methods	8	1	Elective
GY 252	Fundamentals of Engineering Geology	12	1	Elective
MT 271	Statistics for Mathematics Non-Major	12	2	Elective
GE 246	Hydrometeorology	12	2	Elective
GY355	Geological mapping II	4	2	Core
Third Year				
GY310	Principles of Stratigraphy and Palaeontology	12	1	Core
GY336	Introduction to Hydrogeology	12	1	Core
GY 314	Igneous and Metamorphic Petrology	12	1	Core
GY 371	Geotectonics	12	1	Core
GR 301	Geochemistry of Thermal Fluids	8	1	Core

Code	Course Title	Credits	Semester	Status
Code	Course Title	Credits	Semester	Status
GR 302	Isotopes and Tracers of Geothermal Systems	8	2	Core
GR 305	Geothermal Exploration Methods and Modelling	12	2	Core
GR 306	Geothermal Drilling Technology and Risk Management	12	2	Core
GY 333	Applied Geophysics	12	2	Core
GY 351	Fundamentals of Seismology	8	2	Elective
ME 228	Mechanics of Fluids	12	1	Elective
CH 290	Chemical Kinetics and Electrochemistry	8	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 363	Integrated Prospecting Methods	12	2	Elective
GY 485	Practical Training	8	1	Core
Fourth Year				
GY411	Geology and Mineral Resources of Tanzania	12	1	Core
MN 480	Mineral Economics	12	1	Core
GY 410	Advanced Hydrogeology	12	1	Core
GR 400	Borehole Logging	8	1	Core
GR 401	Geomechanics	12	1	Core
GR 402	Project Proposal Development	8	1	Core
GY 401	History of the Earth	8	2	Core
GM 100	Principles and Practice of Management	12	2	Core
ME 322	Renewable Energy Technology	12	2	Core
GR 403	Geothermal Utilization	8	2	Core
GY 402	Industrial Minerals and Rocks	12	1	Elective
GY 446	Environmental Geology	8	2	Elective
GY405	Independent Project	12	2	Core

MINING AND MINERAL PROCESSING ENGINEERING DEPARTMENT

Bachelor of Science in Mining Engineering

Code	Course Title	Credits	Semester	Status
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 112	Development Perspectives I	12	1	Core
ME 101	Engineering Drawing	8E	1	Core
MN 111	Workshop Training I	4	1	Core
MT 161	Matrices and Basic Calculus for Non-	12E	1	Core

Code	Course Title	Credits	Semester	Status
	Majors			
SC 121	Statics	12E	1	Core
MN 112	Workshop Training II	4	2	Core
DS 113	Development Perspectives II	12	2	Core
ME 106	Strength of Materials I	8E	2	Core
ME 103	Computer Aided Drafting	8	2	Core
MP 131	Mineral Processing I	8E	2	Core
MT 171	One Variable Calculus & Diff. Eq. for Non-Majors	12E	2	Core
MN 102	Introduction to Mining	8E	2	Core
MN 120	Mine Development	8E	2	Core
Second Year				
GY 100	Introduction to Geology and Geological Processes	12E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
TR 111	Engineering Survey 1	8E	1	Core
MN 221	Drilling and Blasting	12E	1	Core
WR 211	Fluid Mechanics for Civil Engineers	12E	1	Core
CP 203	Engineering Thermodynamics	12E	1	Core
TR 112	Engineering Survey 2	8	2	Core
WR 213	Hydraulic Practicals	4	2	Core
MN 223	Rock Mechanics	12E	2	Core
GY 120	Earth Materials (Rocks and Minerals)	12E	2	Core
MT 271	Statistics for Non-Majors	12E	2	Core
MN 222	Mine Surveying	12E	2	Core
MN 100	Practical Training I	8	2	Core
Third Year				
GY 336	Introduction to Hydrogeology	8E	1	Core
MN 321	Surface Mining Methods	12E	1	Core
MN 327	Coal Mining	8E	1	Core
MN 341	Mine Transportation and Materials Handling	12E	1	Core
MN 380	Operations research in Mining	12E	1	Core
***	*Electives I*	*12*	*1*	*Elective*
MN 323	Mine Ventilation	12E	2	Core
MN 325	Geostatistics and Ore Reserve Estimation	12E	2	Core
MN 326	Underground Mining Methods	12E	2	Core
MN 350	Mining Engineering Laboratory I	8	2	Core
GY 311	Metallic Mineral Deposits	12E	2	Core
MN 200	Practical Training II	8	2	Core
***	*Electives II*	*12*	*2*	*Elective*
Third Year Elective Courses				
MP 375	Gemology	8E	1	Elective
MP 377	Engineering Skills in Mining	8	1	Elective
MN 372	Introduction to Oil and Gas Mining	8	1	Elective
MN 377	Small-Scale Mining Techniques	12	1	Elective
ME 201	Design Methodology	12E	1	Elective
ME 206	Strength of Materials II	12E	2	Elective
ME 207	Mechanics of Machines	8E	2	Elective

Code	Course Title	Credits	Semester	Status
ME 208	Dynamics	8E	2	Elective
CP 325	Process Plant Equipment	12E	2	Elective
CP 374	Design of Experiments	12	2	Elective
Others	Any 300 series courses			Elective
	Any 300 series courses			Elective
Fourth Year				
MN 480	Mineral Economics	12E	1	Core
MN 450	Mining Engineering Laboratory II	8	1	Core
MN 410	Mine Safety and Environment	12E	1	Core
MN 498	Final Year Project I	8	1	Core
***	*Electives I*	*12*	*1*	*Elective*
MN 481	Mine Management	12E	1	Core
SC 430	General Engineering Procedures and Ethics	12E	2	Core
MN 420	Fundamentals of Mine Design	12	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
MN 499	Final Year Project II	12	2	Core
MN 300	Practical Training III	8	2	Core
***	*Electives II*	*12*	*2*	*Elective*
Fourth Year Elective Courses				
MP 474	Health and Safety in Mineral Processing	8E	1	Elective
MP 476	Extractive Metallurgy of Gold	12E	1	Elective
MP 478	Gas Conditioning and Processing	12E	1	Elective
MP 479	Uranium Processing	8E	1	Elective
MN 475	Mining Machines and Equipment	12	2	Elective
MN 478	Computer Simulation of Mining Systems	12	2	Elective
GY 402	Industrial Mineral and Rocks	8E	2	Elective
CP 426	Process Dynamics and Control	12	2	Elective
Others	Any 400 series courses			Elective
	Any 400 series courses			Elective

Bachelor of Science in Metallurgy and Mineral Processing Engineering

First year

Code	Course Title	Credits	Semester	Status
CL 111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 112	Development Perspectives I	12	1	Core
ME 101	Engineering Drawing	8E	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
SC 121	Statics	12E	1	Core

Code	Course Title	Credits	Semester	Status
MP 111	Workshop Training I	4E	1	Core
MP 112	Workshop Training II	4E	2	Core
DS 113	Development Perspectives II	12	2	Core
ME 106	Strength of Materials I	8E	2	Core
ME 103	Computer Aided Drafting	8	2	Core
MP 131	Mineral Processing I	8E	2	Core
MT 171	One Variable Calculus & Diff. Eq. for Non-Majors	12E	2	Core
MN 102	Introduction to Mining	8E	2	Core
CP 105	Materials and Energy Balance	12E	2	Core
Second Year				
GY 100	Introduction to Geology and Geological Processes	12E	1	Core
ME 218	Materials Technology I	12E	1	Core
CP 203	Engineering Thermodynamics	12E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
CH 240	Physical Chemistry	12E	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12E	2	Core
CH 219	Systematic Inorganic Chemistry	8E	2	Core
CP 211	Chemical Engineering Fluid Mechanics	12E	2	Core
CH 271	Chemistry Practical for Mineral Processing	8	2	Core
MT 271	Statistics for Non-Majors	12E	2	Core
ME 219	Materials Technology II	12E	2	Core
MP 100	Practical Training I	8	2	Core
Third Year				
MP 331	Mineral Processing II	12E	1	Core
MP 332	Pyrometallurgy	12E	1	Core
MN 341	Mine Transportation and Materials Handling	12E	1	Core
MN 410	Mine safety and Environment	12E	1	Core
MP 335	Coal Processing and Utilization	12E	1	Core
***	*Electives I*	12	1	Elective
MP 333	Hydrometallurgy	12E	2	Core
GY 311	Metallic Mineral Deposits	12E	2	Core
CP 327	Reaction Engineering	12E	2	Core
MP 334	Metallurgical Accounting	8E	2	Core
MP 350	Mineral Processing Laboratory I	8	2	Core
MP 200	Practical Training II	8	2	Core
***	*Electives II*	12	2	Elective
Third Year Elective Courses				
MP 375	Gemology	8E	1	Elective
MP 377	Engineering Skills in Mining	8	1	Elective
MN 380	Operations research in Mining	12E	1	Elective
MN 327	Coal Mining	8E	1	Elective
MN 372	Introduction to Oil and Gas Mining	8	1	Elective

Code	Course Title	Credits	Semester	Status
MN 377	Small-Scale Mining Techniques	12	1	Elective
ME 201	Design Methodology	8E	2	Elective
ME 206	Strength of Materials II	12E	2	Elective
ME 207	Mechanics of Machines	8E	2	Elective
ME 208	Dynamics	8E	2	Elective
CP 325	Process Plant Equipment	12E	2	Elective
CP 374	Design of Experiments	12	2	Elective
Others	Any 300 series courses			Elective
	Any 300 series courses			Elective

Fourth Year: First Year

Code	Course Title	Credits	Semester	Status
MN 480	Mineral Economics	12E	1	Core
MP 430	Electrometallurgy	8E	1	Core
MP 450	Mineral Processing Laboratory II	8	1	Core
MP 420	Design and Operation of Mineral Processes	12	1	Core
MP 498	Final Year Project I	8	1	Core
***	*Electives I*	12	1	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
MN 481	Mine Management	12E	2	Core
MP 499	Final Year Project II	12	2	Core
SC 430	General Engineering Procedures and Ethics	12E	2	Core
MP 300	Practical Training III	8	2	Core
***	Electives II	12	2	

Fourth Year Elective Courses

Code	Course Title	Credits	Semester	Status
MP 474	Health and Safety in Mineral Processing	8E	1	Elective
MP 476	Extractive Metallurgy of Gold	12E	1	Elective
MP 478	Gas Conditioning and Processing	12E	1	Elective
MP 479	Uranium Processing	8E	1	Elective
MN 478	Computer Simulation of Mining Systems	12	1	Elective
ME 201	Design Methodology	12E	2	Elective
ME 206	Strength of Materials II	12E	2	Elective
ME 207	Mechanics of Machines	8E	2	Elective
ME 208	Dynamics	8E	2	Elective
GY 402	Industrial Mineral and Rocks	12E	2	Elective
CP 426	Process Dynamics and Control	12	2	Elective
Others	Any 400 Series Courses			Elective

Bachelor of Science in Engineering Geology

Common courses

Code	Course Title	Credits	Semester	Status
DS 112	Development Perspectives I	12	2	Core
DS 113	Development Perspectives II	12	2	Core
EV 200	Environmental Science I	8	1	Core
First Year				
GY 100	Introduction to Geology and Geological processes	12	1	Core
EG 100	Workshop Training	12	1	Core
ME 101	Engineering Drawing	8	1	Core
MT 161	Matrices and Basic Calculus for Non Majors	12	1	Core
CS 171	Introduction to Computer Programming	8	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12	2	Core
MT 171	One Variable Calculus for Non Majors	12	2	Core
SD 101	Civil Engineering Drawing	8	2	Core
SD 211	Civil Engineering Materials I	12	2	Core
GY 125	Introduction to Mapping and Surveying	12	2	Core
CS 172	Computer Programming in Pascal	8	2	Elective
GY 265	Geological Mapping I	4	2	Elective
Second Year				
GY 201	Optical Mineralogy	12	1	Core
GY 252	Fundamentals of Engineering Geology	12	1	Core
MT 261	Several Variable Calculus for Non Majors	12	1	Core
TR 111	Engineering Surveying	8	1	Core
TR 231	Geology for Civil Engineers	8	1	Core
MT 271	Statistics for Mathematics Non-Major	12	2	Core
GY 243	Structural Geology	12	2	Core
GY 245	Remote Sensing and GIS	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
TR 112	Engineering Surveying II	8	2	Core
TR 232	Soil Mechanics	12	2	Core
GY 355	Geological Mapping II	4	2	Core
MT 114	Computer Programming	12	1	Elective
SC 215	Scientific Methods	8	1	Elective
GY 229	Introduction to Geochemistry	12	1	Elective
GY 263	Fundamentals of Geophysics	12	2	Elective
CL 108	Communication Skills for Commerce and Management	12	2	Elective
DS 113	Development Perspectives II	12	2	Core
Third Year				
GY 250	Mineralogy and Crystallography	12	1	Core
GY 336	Introduction to Hydrogeology	12	1	Core

Code	Course Title	Credits	Semester	Status
GY 361	Magmatic Petrology	12	1	Core
SD 212	Civil Engineering Materials II	12	1	Core
GY 310	Principles of Stratigraphy and Palaeontology	12	1	Core
TR 334	Foundation Engineering I	8	1	Core
GY 355	Geological Mapping II	12	2	Core
GY 423	Applied Rock mechanics	12	2	Core
GY 362	Metamorphic Petrology	12	2	Core
TR 324	Pavement Design and Maintenance	12	2	Core
TR 335	Foundation Engineering	8	2	Core
GY 485	Practical Training	8	1	Core
GY 333	Applied Geophysics	12	1	Elective
GY 338	Petroleum Geophysics	12	1	Elective
MT 210	Several Variable Calculus for Non-Major	12	1	Elective
GY 260	Sedimentology and Sedimentary Petrology	12	2	Elective
GY 263	Fundamentals of Geophysics	12	2	Elective
GY 311	Metallic Mineral Deposits	12	2	Elective
GY 344	Soil and Geomorphology	12	2	Elective
GY 351	Fundamental of Seismology	8	2	Elective
GY 352	Marine Geology	8	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 364	Metallic Mineral Deposits and Ore Microscope	12	2	Elective
EV 300	Environmental Science II	8	2	Elective
ST 116	Mathematics II	12	2	Elective
ST 118	Time Series and Index Numbers	12	2	Elective
MT 120	Analysis 1: Functions of a Single Variable	12	2	Elective
MT 171	One Variable Calculus for Non Majors	12	2	Elective
Fourth Year				
GY 411	Geology and Mineral Resources of Tanzania	12	1	Core
GY 431	Dam Geology	8	1	Core
SC 430	General Engineering Procedures and Ethics	12	2	Core
TR 430	Pavement Maintenance	12	2	Core
GY 424	Rock Excavation and Support	8	2	Core
GY 363	Integrated Prospecting Methods	12	2	Core
GY 405	Independent Project	12	2	Core
IE 445	Entrepreneurship for Engineers	12	2	Core
GY 333	Applied Geophysics	12	1	Elective
GY 402	Industrial Minerals and Rocks	12	1	Elective
GY 403	Mining Geology and Ore Evaluation	12	1	Elective
GY 406	Petroleum Geology	12	1	Elective
GY 412	Ore Microscope	8	1	Elective
GY 413	Mining Geology	12	1	Elective
MK 100	Introduction to Business	12	1	Elective
ST 120	Basic Mathematics I	12	1	Elective
MT 127	Linear Algebra	12	1	Elective
TR 331	Highway Materials	12	1	Elective
MN 480	Mineral Economics	12	1	Elective

Code	Course Title	Credits	Semester	Status
GY 344	Geomorphology and Soils	12	2	Elective
GY 349	Data Analysis Methods in Petroleum Geology	12	2	Elective
GY 351	Fundamental of Seismology	8	2	Elective
GY 355	Geological Mapping II	12	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 401	History of the Earth	8	2	Elective
GY 410	Advanced Hydrogeology	8	2	Elective
GY 446	Environmental Geology	8	2	Elective
TR 212	Foundation Engineering	12	2	Elective
TR 324	Pavement Design and Maintenance	12	2	Elective
TM 400	Engineering Ethics and Professional Conduct	8	2	Elective

PETROLEUM SCIENCE AND ENGINEERING DEPARTMENT

Bachelor of Science in Petroleum Engineering

First Year

Code	Course Title	Credits	Semester	Status
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
CL 111	Communication Skills for Engineers	12E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 112	Development Perspectives I	12	1	Core
ME 101	Engineering Drawing	8	1	Core
SC 121	Statics	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
OG 101	Introduction to Petroleum Engineering	12E	2	Core
CP 105	Materials and Energy Balance	12E	2	Core
DS 113	Development Perspectives II	12	2	Core
OG 112	Workshop Training II	4E	2	Core
ME 106	Strength of Materials I	8E	2	Core
MT 171	One Variable Calculus and Differential Equations for Non-Majors	12E	2	Core
ME 103	Computer Aided Drafting	8	2	Core
Second Year				
CH 240	Physical Chemistry	12E	1	Core
CH 219	Systematic Inorganic Chemistry	8E	1	Core
CP 211	Chemical Engineering Fluid Mechanics	12E	1	Core
MT 261	Several Variable Calculus for Non-Majors	12E	1	Core
GY 100	Introduction to Geology and Geological Processes	12E	1	Core
CP 203	Engineering Thermodynamics	12E	1	Core
CH 117	Organic Chemistry	12E	2	Core
OG 260	Computer Application in Petroleum Engineering	12E	2	Core
OG 241	Reservoir Fluid Properties	12E	2	Core
CH 270	Chemistry Practical	8	2	Core
GY 230	Petroleum Geology I	8E	2	Core
MT 271	Statistics for Non-Majors	12E	2	Core

Code	Course Title	Credits	Semester	Status
OG 100	Practical training I	8	2	Core
Third Year				
OG 320	Petroleum Engineering Systems	12E	1	Core
OG 321	Drilling 1	12E	1	Core
OG 334	Petroleum Production	12E	1	Core
OG 357	Reservoir Petrophysics	12E	1	Core
OG 330	*Electives I (12 credits minimum)* Natural Gas Processing	12E	2	Core
OG 331	Drilling II	12E	2	Core
OG 310	Industrial Health, Safety and Environmental Protection	12E	2	Core
OG 341	Reservoir Engineering I	12E	2	Core
OG 351	Petroleum Engineering Laboratory I	8	2	Core
Third Year Elective Courses				
CP 340	Heat and Mass Transfer	12E		Elective
OG 373	Offshore Operations	12E		Elective
OG 374	Petroleum Engineering Thermodynamics	12E		Elective
OG 371	Petroleum Engineering Numerical Methods	12E		Elective
OG 370	Geostatistics for Petroleum Engineering	12E		Elective
CH 357	Fuel Chemistry and Technology	8E		Elective
GY 330	Petroleum Geology II	12E		Elective
Any Approved Course Modules at UDSM (24 credits minimum for the year)				
Fourth Year				
OG 405	Petroleum Project Evaluation and Economics	12E	1	Core
CP 426	Process Dynamics and Control	12E	1	Core
OG 450	Petroleum Engineering Laboratory II	8	1	Core
OG 442	Reservoir Engineering II	12E	1	Core
OG 498	Final Project I	8.0	1	Core
SC 430	General Engineering Procedures and Ethics	12E	2	Core
OG 460	Computer Modelling and Simulation	12E	2	Core
	Electives I (12 credits minimum)			
OG 499	Final Project II	12	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
OG 300	Practical training III *Electives II (12 credits minimum)*	8	2	Core
Fourth Year Elective Courses				
CP 471	Introduction to Industrial Ecology	12E		Elective
CP 473	Risk Assessment and Management	12E		Elective
OG 476	Petroleum Transport and Marketing	12E		Elective
OG 477	Petroleum Refining Techniques	12E		Elective
OG 478	Well Logging, Analysis and Formation Evaluation	12E		Elective

Bachelor of Science in Petroleum Geology

First Year

CH 118	Basic Analytical and Physical Chemistry	12	1	Core
GY 100	Introduction to Geology and Geological Processes	12	1	Core
MT 161	Matrices and Basic Calculus for Non Majors	12	1	Core
PH 122	Classical Mechanics	8	1	Core
PH 127	Vibration, Waves and Optics	12	1	Core
GY 120	Earth Materials (Rocks and Minerals)	12	2	Core
GY 125	Introduction to Survey and Mapping	12	2	Core
MT 171	One Variable Calculus for Non-Majors	12	2	Core
CH 117	Organic Chemistry I	12	2	Core
PH 128	Electromagnetism	12	2	Core
GY 265	Geological Mapping I	4		Core
GY 333	Applied Geophysics	12	1	Elective
MT 104	Computers and programming	12	2	Elective
IS 131	Introduction to Informatics and Microcomputers	12	2	Elective

Second Year

GY 201	Optical Mineralogy	12	1	Core
GY 229	Introduction to Geochemistry	12	1	Core
GY 230	Petroleum Geology I	8	1	Core
GY 250	Crystallography and Mineralogy	12	1	Core
MT 261	Several Variable Calculus for Non-Major	12	1	Core
MT 271	Statistics for Mathematics Non-Majors	12	2	Core
GY 243	Structural Geology	12	2	Core
GY 245	Remote Sensing and GIS	12	2	Core
GY 260	Sedimentology and Sedimentary Petrology	12	2	Core
GY 263	Fundamentals of Geophysics	12	2	Core
GY 355	Geological mapping II	4		Core
SC 215	Scientific Methods	8	1	Elective
GY 252	Fundamental of Engineering Geology	8	1	Elective
OG 101	Introduction to Petroleum Engineering	12	2	Elective

Third Year

GY 310	Principles of Stratigraphy and Paleontology	12	1	Core
GY 314	Igneous and Metamorphic Petrology	12	1	Core
GY 336	Introduction to Hydrogeology	12	1	Core
GY 338	Petroleum Geophysics	12	1	Core
GY 301	Petroleum Geology II	12	2	Core
GY 313	Biostratigraphy	12	2	Core
GY 323	Petroleum Geochemistry	8	2	Core
GY 349	Data Analysis Methods in Petroleum Geology	12	2	Core
GY 352	Marine Geology	8	2	Core

GY 333	Applied Geophysics	12	1	Elective
GY 371	Geotectonics	12	1	Elective
GY 344	Geomorphology and Soils	12	2	Elective
GY 311	Metallic Mineral Deposits	12	2	Elective
GY 351	Fundamental of Seismology	8	2	Elective
GY 356	Applied Geochemistry	12	2	Elective
GY 363	Integrated Prospecting Methods	12	2	Elective
GY 372	Coal Geology	12	2	Elective
GY 485	Practical Training	8	1	Elective
Fourth Year				
GY 411	Geology and Mineral Resources of Tanzania	12	1	Core
GY 418	Sedimentary Basins and Petroleum Systems	12	1	Core
GY 449	Technology Review	12	1	Core
GY 479	Reservoir Characterization	8	1	Core
GY 405	Independent Project	12	2	Core
GY 440	Production Geology	12	2	Core
GY 444	Petroleum Geology Review	12	2	Core
GY 450	Prospect Assessment, Evaluation and Petroleum Economics	12	2	Core
GY 402	Industrial Minerals and Rocks	12	1	Elective
CH 252	Chemistry of Coal	12	2	Elective
GY 446	Environmental Geology	8	2	Elective
GY 401	History of the Earth	8	2	Elective
*Students pursuing BT/ZL, BL 215, BL113, units will be counted in Botany **For ZL/AQ majors will take ZL206 Molluscan Biology (8 Credits) instead of AQ 201 & AQ 218 *** Students pursuing ZL/WE will not take BL 303 Terrestrial Biology Field course				

SoMG STAFF LIST

OFFICE OF THE DEAN

Senior Lecturer and Dean
E. E. Mshiu, BSc, MSc (Dar), PhD (Halle)

Administrative Officer
A. Beleko BPA (Morogoro), MBA (Mwanza)

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J. R. Ikingura, BSc (Dar), MSc, PhD (Carleton)
***S. Manya, BSc, MSc, PhD (Dar)

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D. Mulibo BSc, MSc (Dar), PhD (Penny)

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J. Mataragio, BSc, (Dar), MSc (Okinawa), PhD (Missouri)
***O. S. Lemna, BSc (Dar), MSc (Munich). PhD (Aberdeen)

Assistant Lecturers
*M. C. Moshi, BSc (Dar), MSc (Utrecht)
*S. Magohe, BSc, MSc (Dar)
*N. D. Kobare, BSc (Dodoma), MSc (Bandung)
*E. G. Mutabazi, BSc, MSc (Dar)
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F. F. Gaisha, BSc (Dar)
F. B. Mtegeki, BSc (Dar)

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P. Machibya, NSC, NDMM (DSA), BScEd, MEM (Dar)

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J. Claud, BSc (Dar)
J. Edmund, DipScLabTech, BSc (Dar)
R. Y. Mwanafunyo
A. Haule, FTC (MRI, Dodoma), BSc (Dar)

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Technician II
N. E. Mnzava, FTC (Dodoma)

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*E. S. Mulaya, BSc (Dar), MSc (Trondheim)
F. R. Mkuyi, Bsc (Dar), MSc (Trondheim)
*M. Richard, BSc (Dar), MSc (Trondheim)
G. Nsemwa, BSc (Dar), Msc (Trondheim)

Tutorial Assistant
C. G. Ng'alambi, BSc (Dar)
M. A. Said, BSc (Dar)

Laboratory Engineer II
D. Dalama, BSc (Dar)

Laboratory Technician II
A. M. Kibegwa, Diploma (Arusha)
C. Madalali, Diploma (Dar)

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*   On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment

UNIVERSITY OF DAR ES SALAAM MINERAL RESOURCES INSTITUTE (UDSM-MRI)

ACADEMIC PROGRAMMES OFFERED BY THE INSTITUTE

The Institute is accredited by the National Council for Technical and Vocational Education Training (NACTVET) to offer and grant awards to successful candidates in Certificate and Diploma programmes. Awards offered are National Technical Award (NTA) Levels 4 – 6.

1   Basic Technician Certificate and Technician Certificate

The Basic Technician Certificate and Technician Certificate are part of the Diploma. Students who wish to exit or fail to attain a Diploma but have successfully fulfilled the requirements for awards of Basic Technician Certificate (NTA Level 4) or Technician Certificate (NTA Level 5) shall be awarded the awards qualified for.

2   Diploma Programmes
- i)   Diploma in Geology and Mineral Exploration
- ii)   Diploma in Petroleum Geosciences and Exploration (PGE)
- iii) Diploma in Mining Engineering
- iv)   Diploma in Metallurgy and Mineral Processing Engineering
- v)   Diploma in Environmental Engineering and Management
- vi)   Diploma in Land and Mine Surveying

GENERAL EXAMINATION REGULATIONS

Progression of students from one NTA Level to the next level, the general fate of students and the conduct of examinations are guided by the approved Institute Examination Regulations. Students are required to sit for examinations according to the Institute Examinations Regulations. These regulations shall apply to the accredited programmes leading to the awards of NTA Levels 4, 5 and 6 with effect from academic year 2017/2018.

By registering as MRI student every student is deemed to be cognisant of, and to have to agree and abide to the examination rules set out in these regulations.

PRELIMINARY PROVISIONS

1. Citation
These regulations may be cited as the Mineral Resources Institute Examinations Regulations, from academic year 2017/2018 till reviewed.

2. Interpretation
In these regulations unless the context otherwise requires:

"Academic Program" means a program of studies, which leads to the National Technical Award (NTA) to students, after the successful completion of the program requirements.

"NACTE" means the National Council for Technical Education established under the Act No. 9 of 1997.

"Continuous Assessment" means any form of evaluation made during the course of the academic year such as practical, written test, quiz, assignment, presentations, homework, project, and field excursion, which contributes to the final score in examinations.

"Practical" means any form of evaluation made during the course of the academic year including laboratory experiments, field experiments, computer laboratory exercises and workshop experiments.

"Credit Module" means a module of study with successful completion of which shall count towards earning of the award.

"Credit Value" means a credit assigned to the module of which shall count towards earning of the award.

"Credit Hour" means a lecture of one-hour duration per week per semester or two or three contact hours in case of tutorials and laboratory work for a module countable towards a student's Cumulative Grade Point Average.

"Semester Grade Point Average" also known in its acronym as **(SEM GPA)"** means the summation of product of grade points and credit values of all credit modules divided by the total number of credits taken by a student in a given semester:
WHERE GPA FOR A GIVEN SEMESTER = Σ (Grade points x Credits)/ Σ Credits

"Cumulative Grade Point Average" also known in its acronym as **(cum GPA)"** means the summation of product of grade points and credit values of all credit modules divided by the total number of credits taken by a student beginning from his/her admission till the last examination held:
CGPA = Avg GPA = (GPA FOR SEMESTER I + GPA FOR
SEMESTER II)/2

"MRISO" means Mineral Resources Institute Students Organization
"Examination" means a measurement of academic or professional achievement attempted during the progression of an academic phase or professional training phase, which helps to provide accurate predictions for future academic success or future professional competence of a Candidate.

Examinations include Test 1, Test 2 and end of Semester Examinations including practical where appropriate.

"Examination Offence" means any harm brought about before, during or after the examination by the conduct of a candidate in relation to examinations, which the Institute desires to prevent by a threat of punishment.
"Academic Year" Means the period between the beginning of the first semester and the end of the second semester, including Industrial Practical Training.

"Grade Point" means number of points representing letter grades scored by a student in a module examination.
"Institute" means Mineral Resources Institute.

"Registrar of Student and Examinations" means a person appointed by the Institute on such terms and conditions as the Institute may consider necessary for the registration of students and examinations.

"Invigilator" means an officer in charge of candidates in an examination room to ensure that the examination is properly conducted and no candidate cheats.

"Principal" means the Principal of Mineral Resources Institute.

"Semester" means an academic period, in which one set of course modules in each discipline is offered and examined.

"Supervisor" means an officer in charge of candidates at an examination centre to make sure that the examinations are properly conducted and no candidate or invigilator cheats.

"Supplementary Examination" means an examination administered to candidates who fail to obtain a pass in the specified number of modules during regular examinations.

"Student's Academic Progress Report" means an official written statement of Semester Examinations results issued by the Institute.

"Academic Transcript" means an official written statement of all three years results issued by the Institute.

"Special Examinations" means examination administered to candidates who by reasonable cases fail to attend the semester examination(s).

"Examinations Officer" means a person appointed by the Institute on such terms and conditions as the Institute may consider necessary for the coordination and overseeing all examinations activities.

"Secrecy Officer" means a person appointed by the Institute on such terms and conditions as the Institute may consider necessary for engaging in any examination activities.

CONDUCT OF EXAMINATIONS

Dates and Timing of Examinations
1) Examinations shall be conducted on such dates and at such time as the Institute may determine provided that unless otherwise decided by the Institute
2) Examinations for various National Technical Award Levels conducted by the Institute shall be held at the end of each semester
3) Timetables in respect of the dates and times of examinations shall be released at least two (2) weeks before the commencement of such examinations.
4) There shall be a written and, where the module demands, a practical examination during each end of semester for a module taught.
   It is the responsibility of the candidates to maintain awareness of the mode of examination, examination room, dates and time of examination.

Mode of Application
1) Any candidate seeking admission to any examination of the Institute shall make an application in the prescribed examination registration form within such period as may be prescribed by the Institute, provided that the Principal shall have power if he considers it appropriate to accept any examination registration form/fees after the deadline with late fees, on such terms and conditions as he may deem fit.
2) The examination registration forms duly filled in shall be submitted to the Registrar of Students and Examinations before the deadline for receipt of the form, provided that no Examination Registration Form shall be accepted by the Registrar of Students and Examinations if the applicant has not paid fees as described in the Prospectus.
3) Each candidate shall together with the duly filled registration form enclose two copies of his recent passport size photograph;
   Candidate's name appearing on the entry form shall be the same as the name appearing on the Continuous Assessment record form.

Payment of Fees
1) The examination fees described in the Prospectus shall not be negotiable or refunded or transferred and shall be deposited using given CONTROL NUMBER; and the original receipt shall be submitted to the Registrar of Student and Examinations.
2) No cash amount shall be received.
   Provided that where the last date fixed for receipt of fees and form of application or list of candidates with or without late fees is a public holiday, the next working day shall be considered as the last date for the purpose.

Registration for Examinations
After due consideration of the application forms and other requirements as submitted by the candidate, the Registrar of Students and Examinations shall within a prescribed time cause the registration of the candidate for examination.

Examinable modules
1) The Registrar of Students and Examinations shall prescribe from semester to semester the examinations to be conducted by the Institute. Provided that the Principal may order a special examination or re-examination in one or more modules.
2) The Registrar of Students and Examinations shall from time to time provide Examination guidelines for Supervisors, Invigilators and candidates and issue rules relating to the duties of Supervisors and Invigilators.
3) Subject to the Regulations, Rules and Directions given by the Institute, the Principal shall be responsible for all arrangements connected with the conduct of examinations and all matters connected therewith.

Mode of Examination

Candidates for the Institute Examinations shall be examined by:-
1) Written question papers which they shall be required to answer in writing;
2) Practical examinations as provided for in the curriculum for the respective modules;
3) Presentations as provided for in the curriculum for the respective modules; and
4) Industrial Practical Training and Project reports
   a) Provided that the management of practical and Industrial Practical Training examinations, unless otherwise specified, shall be assessed by examiners appointed by Principal
   b) Whenever Industrial practical Training or field excursion work has been done as described in the curriculum, a duly report of such work done shall be brought to the Institute by each student for marking or evaluation.
   c) Written examination in a module shall be, by means of question paper and the question paper in the module shall be given to candidates simultaneously at every room at which the examination is being held.
   d) The Curriculum of each National Technical Award Level and assessment plan of examination shall be prescribed by the Institute from time to time. The Medium of instruction for all modules shall be English.

Admission into Examinations

No eligible candidates shall be prohibited from appearing in the examination of the Institute except for compelling reasons and with permission from the Principal.

Requirement of Attendance in Subjects of Continuous Assessment
1) No candidate shall be admitted into examinations unless he/she has completed the prescribed continuous assessment and 75% of class attendance. For all programmes except Land and Mine Surveying, Continuous assessment marks for each module is 20 marks out of 40 marks for NTA Level 4 and 5, and 18 marks out of 40 marks for NTA Level 6. For Land and Mine Surveying programme, Continuous assessment marks for each module is 30 marks out of 60 marks for NTA Level 4 and 5, and 27 marks out of 60 marks for NTA Level 6.
2) A candidate who has been barred from sitting for end of semester examination because of either incomplete continuous assessment or not attaining 75% of class attendance shall be given an F grade for the respective module and shall be required to retake the Module when next offered.
3) A candidate who fails in the continuous assessment shall be deemed to have failed the module and will be barred from sitting for end of semester examination. A candidate who is barred shall be given an F grade for the respective module and shall be required to retake the Module when next offered.
4) All incomplete for continuous assessment shall be cleared before the starting end of semester examinations and it is the responsibility of students to make sure that he/she has cleared the incomplete (s).
5) A candidate who has not cleared his/her incomplete (s) in the continuous assessment shall be deemed to have failed the module and will be barred from sitting for end of semester examination. A candidate who is barred shall be given an F grade for the respective module and shall be required to retake the Module when next offered.
6) All continuous assessment shall be administered and Coordinated by the Head of respective Department as per Institute almanac.
7) A candidate who is required to retake the module shall have to do both Continuous Assessment and End of Semester.
   A candidate who is required to retake the module (s) shall pay all Institute contributions for the respective semester with exception of Tuition fee.

Rules for Condonation of Shortage of Attendance
1) Basing on medical ground, the Principal of the Institute shall be the competent authority to allow a deficiency of class attendance provided that the class attendance of student is 50% or above.
2) All cases of shortage of attendance shall be referred by the Registrar of Students and Examinations. Such cases will be referred to the Principal with his/her recommendation, failure of which valid reasons for not recommending the case shall have to be stated

The following may be considered valid reasons for recommending the cases:
a)   Prolonged illness;
b)   Loss of parent or guardian or any other incident leading to absence from the Institute which merits special consideration;
c)   Any other reason of serious nature as the Registrar of Students and Examinations of the Institute may determine.

3)   A candidate who participates in sports and cultural activities or tournaments conducted by the Government or appears in a competitive examination conducted by the Government, shall have the actual days spent in sports and cultural activities or tournaments or examination and the travelling days connected therewith counted on the production of satisfactory evidence as to the attendance of the candidate.

4)   Notwithstanding anything contained in these Regulations, no candidate who has been expelled or is still undergoing rustication or who has been barred from taking an examination for being involved in examinations offences or for any other reason shall be admitted to any examination of the Institute.

CONFIDENTIALITY, SAFETY AND SECURITY OF EXAMINATIONS

Paper Setting
1. For the purpose of paper setting, the Institute shall from time to time, approve a list of tutors of proven integrity and with the requisite qualifications set by the Institute from whom paper setters will be appointed:
   Provided that no paper setter shall be engaged for the same type of work for more than 3 years continuously unless such engagement is approved by the Principal
2. The Institute may in modules where setters are not available appoint any other competent person as paper setter.
3. The procedure for appointment of paper setters shall be prescribed in the guidelines for appointment of paper setters provided by the institute from time to time.

Moderation
1. Question papers shall be moderated by a team of moderators appointed by the Institute, consisting of eminent scholars with at least two years' experience in the concerned module to see their correctness and consistency with curriculum:
   Provided that no person who has written any help book or guide on a module shall be appointed as moderator on the concerned module unless he has declared that his position as an author will not conflict with his appointment as moderator.
2. External examiners shall be invited to oversee the whole process moderation of such examinations. These people shall have the relevant qualifications coming from the academic institutions recognized by the Government.
3. A person appointed as moderator shall declare (in the declaration form) the name(s) of his/her close relative(s) appearing in the concerned examination.

Receipts of answer Books
1. All answer books shall be received at the office of the Registrar of Students and Examinations and shall be deemed to be confidential documents and no person except those authorized by the Institute shall be permitted to handle them.
2. The team of Secrecy Officers shall undertake to maintain the confidentiality of the assignment given to them.
3. A person appointed as a Secrecy Officers or a member of such team shall declare (in the declaration form) the name(s) of his close relative(s) appearing in the examination(s) of the Institute.

Marking
1. No answer book may be marked outside the specified marking centres.
2. All answer books shall be marked by approved markers at such centres as shall be approved by the Principal from time to time.
3. Each examination paper shall be accompanied by detailed marking scheme, indicating value points in respect of each answer which should be revisited by markers before marking starts.
4. For calculating pass marks fixed by the regulations for each examination, if a fraction is half or more it shall be rounded up to the next higher figure and if a fraction is less than one-half, it shall be ignored.

Appointment and duties of markers
1. The Institute shall appoint Chief Markers for various modules from amongst the serving tutors of the Institute.
2. It shall be the responsibility of the Chief Marker to:
   a) Ensure uniformity in marking;
      Bring to the notice of the Institute, discrepancies, anomalies and suspected use of unfair means identified during the course of marking;
   b) Recommend to the Institute in writing the names of such markers who have not carried out instructions of the Institute and have not been punctual or have not observed the code of conduct as may be deemed fit by the Institute.
3. A person to be appointed as Chief Marker shall possess the following qualifications:
   a) Have a teaching experience of not less than three years.

b) Be conversant with the curriculum by being engaged in teaching the relevant modules.
4. The Institute shall appoint other markers to mark the answer books in accordance with the approved marking scheme:
   Provided that no person shall be appointed as a marker for two or more marking panels or for two examinations simultaneously
5. The panel of markers shall consist of serving tutors of registered technical institution, with experience of teaching the module for at least 2 years, recommended by the Principal.
6. No person even if he is fully qualified shall be appointed as marker for a theory module, if he has never engaged in teaching.
7. The Institute shall enlist and maintain approved list of markers from which it shall appoint markers.
8. A person appointed as Chief Marker or marker shall declare the name(s) of his close relative(s) appearing in the examination(s) of the Institute.

Checking of Marking
1. The Chief Markers shall have power to appoint such number of Checking Assistants as per the guidelines provided by the Institute.
2. The responsibilities of the Checking Assistants shall be to:
   a) Assist in summing marks;
   b) Compare the score lists with the answer scripts to ensure accuracy in the work; and
   c) Ensure that no portion of the script has remained unmarked.

Remuneration
1. Every Paper Setter, Moderator, Supervisor, Invigilator, Chief Marker, Marker, Checker, Secrecy Officer, or any other person deployed by the Institute for examinations work may be paid remuneration at such rates as approved by the Institute.
2. The Registrar of Students and Examinations may permit markers to mark more than a prescribed maximum number of answer books in special cases in the interest of the Institute.

Score Lists
3. All score lists shall be treated as confidential documents of the Institute as the case may be and no person except those authorized by the Institute shall be permitted to handle the score lists.
4. No person shall be authorized to change the marks already in the score list, if any; verification shall be communicated to the Registrar of Students and Examinations through a written communication.
5. No person other than the Principal or Registrar of Students and Examinations or Head of Department as the case may be, shall be competent to communicate any change in the score list:
   Provided that all such communications shall be sent in writing duly attested and signed by the officer concerned.
6. All score lists of the Institute, shall be destroyed two years after the declaration of results in the presence of the School Examination CommitteeMembers.

Examination Results
All examination results together with a statement of percentage of passes in the whole examination and in each Module shall be submitted to the School Examination Committeefor approval before publication.

Approval of Examinations Results
In case of discussion and approval of examination results, there shall be Committees and Board with defined compositions and functions. The approval of results shall be as follows:
a) Continuous Assessment results shall be approved by the Departmental Academic Committee before starting of end of semester examinations,
b) Provisional results for end of semester examinations shall be approved by the **School Examination Board (SEB).**
c) Final results for end of semester examinations shall be approved by the **University of Dar es Salaam Senate.**

Publication of Results
1. The Registrar of Students and Examinations shall publish the provisional results of an examination in such manner as directed by the Institute Examination Board before submitting to the **School Examination Board (SEB).**
2. The final results of candidates in every examination shall be published by Registrar of Students and Examinations after being approved by **University of Dar es Salaam Senate.**

3. The published results will indicate the registration number, marks, grades obtained by the candidate in each module and GPA.
4. It is the responsibility of the candidates to maintain awareness of academic performance including examination results.
5. The Institute may declare the result of the candidate(s) as incomplete (I) due to inadequacy of data, lack of information from the candidate or 'Withheld' due to recommendations given by SEB.
6. If deemed necessary with reasonable cases candidates with incomplete(s) in his /her semester examination shall be allowed to attend special examination during supplementary examination period. It must be noted that no supplementary examination will be offered to candidates who fail special examinations.
7. If a candidate, whose result is withheld by the Institute for any case as described in (22.5) above, the results shall stand be withheld until he/she clears the discrepancy.
8. If the candidate fails to attend supplementary or any other examination due to the results being withheld shall be considered as discontinued from studies.
9. The Principal in consultation with SEB has the power to authorize special examination to students discontinued from studies if their cause of discontinuation is due to withheld results and the students have strong reasons for being late in clearing the discrepancy, such strong reasons include:
    i. Prolonged illness
    ii. Loss of parent or guardian or any other incident leading to absence from the institution which merits special consideration
    iii. Any other reason of serious nature as the Registrar of Students and Examinations and/ or Dean of Students of the Institution may determine.

Coordination of the Institute Examinations
1. The overall coordination of the examinations shall be the responsibility of the Registrar of Students and Examinations under the directives of the Deputy Principal – Academics, Research and Consultancy/ Principal.
2. Continuous Assessment (CA) results for each module shall be completed and made available to students by the respective Tutors before commencement of end of semester examination after being approved by DAC.
3. The Institute shall appoint the External Examiners for the Institute examinations.

Maintenance of Answer Books
The answer books shall be maintained for a period of at least two years from the date of publication of final results and shall thereafter be disposed off in the manner as may be determined by the Institute.

Maintenance of Confidentiality
Every person appointed by the Institute for confidential work shall maintain utmost secrecy.

EXAMINATION OFFENCES AND PENALTIES

Examination Offences, Irregularities and Penalties
1. Any person who contravenes any of the requirements or conditions stipulated in the third schedule to these Regulations shall have committed an Examination offence as interpreted in this document and shall be liable for the penalty prescribed therein.
2. Notwithstanding the provisions of Sub regulation (26.1) and the third schedule: -
    a) Where a person who is not the students of the Institute commits an Examination offence under these Regulations, the Institute may report the case to the Police.
    b) Where a Tutor or a person connected with an Institute commits an Examination offence under these Regulations, his/her conduct shall be reported to the Management of the Institute and he/she shall be banned from any remunerative job in the Institute with additional punishment as decided by Management.
    c) Where the Institute is satisfied after enquiry that the integrity of the Examinations had been violated as a consequence of wholesale unfair assistance rendered to the examinees, the Principal in consultation with the SEB may cancel the examination and order other examination.

Examination Irregularities
a) All cases of suspected or proved examination irregularities shall be referred to School Examination Board (SEB) for discussion and final decision.

b) Examination irregularities shall mean:
    i.   Cheating (i.e. copying from manuscript and books or any source which is not allowed in examination room)
    ii.   Conversing with a fellow candidate during examination.
    iii. Bringing unauthorized materials in the examination room, whether found in briefcases, clothes, pockets, handbags or elsewhere within the examination room.
    iv.   Copying from a fellow student.
    v.   Exchanging answer scripts.
    vi.   Leaving the examination room without permission.
    vii. Attempting examinations which is not registered for,
    viii. Any other forms either being kind of dishonesty falsification or destruction of evidence of unlawful material.

c) For the Purpose of these Regulations:
    i.   Unauthorized materials include any written or printed materials that is generally or specifically prohibited from being brought into the examination room and items such as cellular or mobile phones, radios, radio cassette, pagers, microcomputers, computers, earpiece, books, exercise books and any other materials as may be specified by the Institute from time to time.
    ii.   Any candidate found cheating or committing examination irregularities in any part of the examination process shall be deemed to have failed in the whole examinations for that semester and shall be discontinued from studies with immediate effect, subject to confirmation by the UDSM Senate.
    iii. Any candidate found guilty of bringing unauthorized materials into the examination room in any part of the examination process, shall be deemed to have committed an examination irregularity and shall be discontinued from studies subject to confirmation by the UDSM Senate.
    iv.   Any candidate found guilty of committing an examination irregularity may appeal to UDSM Senate in accordance with the provisions of these regulations.
    v.   The UDSM Senate may impose penalty on a candidate found guilty of committing an examination irregularity, depending on the gravity of the facts or circumstances constituting the offence, as the UDSM Senate may deem appropriate.

Examination Instructions to Candidate

1. Candidates shall be allowed to enter the examination room at least ten minutes prior to time prescribed for the commencement of end of semester examinations.

2. In any end of semester examination, no candidate shall be allowed to enter the examination room more than half an hour after the examination has started and no candidate shall be permitted to leave the examination room until half an hour has elapsed after the start of the examination.

3. No direct communication (verbal or otherwise) between candidates is allowed during the examination. If any candidate needs to communicate, he / she must do so by raising his/her hand to attract attention of the Invigilator.

4. Smoking and drinking alcohol and or being in a condition of alcohol influence in the examination room, causing disturbance in/ near any examination room is completely prohibited.

5. Candidates, subject to the permission of the invigilator, are allowed to go out of the examination room, one at a time, with an escort for no more than ten minutes and only for the purpose of a call of nature.

6. Candidates should use their examination numbers only for the examinations as such names, initials or any other mark that may distinguish one candidate from another should never be written on script papers or answer books.

7. Using anybody else's examination number is considered a case of dishonesty that is liable for disciplinary action as shall be determined by examinations Regulations to SEB.

8. Candidate must stop writing immediately the invigilator gives notice. During examination normally candidate will be warned 15 minutes prior to the end of examination.

9. Candidates should arrange and fasten their answer scripts following page numbers. Before going out of the examination room, each candidate shall personally handover his/her answer script to the Invigilator.

10. All students must have valid Institute's Identify Card in the examination room.

Invigilation of end of Semester Examinations

Before the examinations start:

i. Invigilators should be physically present in the examination room at least fifteen minutes before the commencement of the examination.

ii. The Examinations Officer shall provide invigilators with the following items:

iii. Sealed envelopes containing the examination papers to be attempted by candidates. The sealed envelopes containing examination papers must be collected personally by each invigilator from the
   - Examinations office at least 20 minutes before the examination start.
   - Timetable for examinations.
   - Attendance sheet with candidates' examination numbers for their signature.
   - Examinations Forms iii) Invigilators shall search/ check students to ensure that they do not enter the examination room with unauthorized materials.

iv. Invigilators must also ensure that only one answer book/ script is provided for each candidate. The answer book/ script must be filled before any additional sheets of paper are provided.

v. Invigilators shall admit candidates to the examination room at least ten minutes before the commencement of the examination. Handbags, purses, overcoats, books, papers and other similar articles shall not be allowed in the examination room.

vi. During the first ten minutes before the commencement of the examination the invigilator should:
   - Make an announcement to the effect that candidates should satisfy themselves that they are in possession of the correct paper.
   - Call attention to anything that seems to require clarification.
   - Tell candidates when they may begin writing. Candidates will normally be allowed five minutes to read the paper. vii) Invigilators should not admit candidates to the examination room after

thirty minutes from the commencement of the examination and should not permit them to leave the room until thirty minutes have elapsed.

The Invigilator shall be responsible for the proper conduct of the examination. It will be his/her duty to report immediately all cases of irregularity or misconduct in the examination to the Registrar of Student and Examinations and shall have to write a report to the Deputy Principal - Academics, Research and Consultancy/ Principal including full details of the contravention.

During the Examination:
i.   At the commencement of the examination, invigilator should remind candidates to ensure that they are attempting the right examination papers.
ii. Invigilators should ensure that candidates are provided with the necessary examination requirements (e.g. scripts, mathematical tables).
iii. Invigilators should not stay in one place for too long. They should move around and strategically observe candidates from the back.
iv. Random checks of answer books should be done to search for unauthorized materials which may be hidden within the answer books.
v.   Invigilators shall have the power to confiscate any unauthorized materials (e.g. book, manuscript, or other aid brought into the examination room) and submit the written report with evidence to supervisor for further actions.

At the end of the Examination
i.   No candidate shall leave the examination room during the last fifteen minutes of the time allocated for the examination except in cases of emergency.
ii. Invigilators shall instruct the candidates to stop writing to require them to hand in the examination scripts.
iii. Invigilators must ensure that candidates sign against their examination numbers in the attendance sheet provided by the Registrar of Students and Examinations. The attendance sheet must be handed to the Registrar of Students and Examinations at the end of each session.
iv. Invigilators shall hand over all extra examination papers to the Registrar of Students and Examinations.

Appeals
i.   Where a candidate is aggrieved by the decision taken under section (Examination Regulatory) of these regulations, or is dissatisfied with the marking of his/her examination, computation of marks or grades or for any other academic grounds, he/ she may appeal to the School Examination Board (SEB)
ii. All appeals must be lodged to Principal within 14 days from the date of release of provisional examination results.
iii. All appeals must be accompanied by a non-refundable fee of Tshs. 25,000/= (Thirty thousand shillings only) per module, this fee may be reviewed from time to time.
iv. The same rate or any other rates approved by the SEB shall be charged for any further appeals or application for review of appeal decision.

Penalties in the case of Markers and Checkers
The School Examination Committeeshall prescribe penalties to be imposed on markers for the delay in submission of scores to the Institute and other mistakes committed by the markers and checkers.

CERTIFICATION AND AWARDS

Pass Certification and Transcript

A candidate who has appeared in an examination of the Institute and passed all credit modules shall be given Academic Progress Report, Student's Academic Performance (Provisional Results), Academic Transcript and Certificate for each NTA Level by the Institute provided that he/she exists in that level. The charges shall be as follows:

      i)   Academic Transcript – Tshs. 10,000/= (per request)

      ii)   Student's Academic Performance (Provisional Results) – Tshs. 5,000/= (per request)

      iii)   Academic Progress Report – Tshs. 5,000/= (per request)

IMPROVEMENT OF PERFORMANCE

Continuation / Discontinuation from Studies

1. A candidate who fails in one or more module(s) may sit for supplementary examination for the failed module(s) for improvement of his/her performance provided that his/ her semester GPA is greater or equal to 1.8 (GPA ≥ 1.8).

2. For a candidate to continue with next semester or next academic year studies, he/ she shall obtain an overall GPA ≥ 2.0 after supplementary Examinations.

3. A Candidate is required to pass in all the modules at the end of the Academic year before proceeding to the next NTA Level of study.

4. A candidate who has failed one or more modules at Supplementary/ Special examination whatever done at the end of semester; shall retake the failed module (s) in next academic year when offered.

5. A student who fails the supplementary examination of the retaken module(s) shall be discontinued from studies.

6. If deemed necessary with reasonable cases candidates shall be allowed to attend special examination during supplementary examination period. It must be noted that no supplementary examination will be offered to candidates who fail special examinations.

7. Where a candidate obtains higher grade than the minimum pass grade (C- grade) in supplementary Examination, the grade shall be regarded as C-grade he Industrial Practical Training shall be treated as a module with the following conditions: -

a. Results from Industrial Practical Training (Daily and Weekly summaries, Industrial supervisor's report, Institute supervisor's report and IPT report) shall count to final score.

b. The results for Industrial Practical Training shall be released not later than the fourth week after opening of the institute;

c. Similarly, no reports shall be handled over to the supervisor later than the second week after opening of the institute for new Academic year.

d. Any report (including daily report) shall be handled in by writing, i.e., a name of a student and his/ her signature must appear on the submission form to be provided by the IPT Coordinator.

e. Any student who by any reasons, other than sickness (proved physically by the Doctor or the in charge of the hospital/healthy center/ dispensary) or death of close relatives as defined by Natural laws of Tanzania, absentees himself/herself from any part of the field training shall be automatically discontinued.

    - It shall be regarded that, although the Industrial Practical Training account for final GPA, no student shall attend Industrial Practical Training (IPT) without first attaining a GPA≥ 1.8 in other modules (IPT exclusive) and no student shall be allowed to continue with higher NTA level unless his/her overall GPA in other modules (IPT exclusive) is greater or equal to 2.0 and all other conditions for continuation of studies are satisfied.

    - The candidate should at least score a quarter (¼) of the points of the end of semester examination (i.e. 15/60) otherwise, a student will be considered to have failed the module.

    - A candidate, who deliberately absents himself / herself from any examination without compelling reasons, shall have absconded and shall be discontinued from studies.

    - Any candidate found cheating or committing examination irregularities in any part of the examination process shall be deemed to have failed in the whole examinations for that semester and shall be discontinued from studies with immediate effect, subject to confirmation by the SEB.

- Any candidate who has been discontinued from studies due to examination irregularities shall be allowed to apply until after at least two (2) academic years from the date of publication of final results.

- Any candidate who has been discontinued from studies due to inadequate of GPA or being absconded shall be allowed to apply in next academic year if it is the first discontinuation.

- Any candidate who has been discontinued from studies due to inadequate of GPA or being absconded shall be allowed to apply once for a final attempt if it is the second discontinuation.

CHECKING AND REMARKING OF EXAMINATIONS
Checking and Remarking of Examination in Response of Appeal
Amendment of Results

Checking and Remarking of Examination in Response to Appeal
1. Checking and Remarking of Examination shall be confined to re-marking of answer scripts. If unmarked questions are discovered then rechecking of marks awarded for each question in the answer book together with retotaling of marks will be done. Provided that in no case shall the scrutiny and rechecking, referred to above be done in the presence of the candidate or his answer books be shown to him or her.
2. Rechecking shall be done by the officials appointed for the purpose by the Principal and they may be paid remuneration as may be approved by the Institute.
3. The Institute shall upon discovery of any mistake as a result of re-checking of answer scripts, rectify the result and communicate the outcome of rechecking to the candidate.
4. The Institute shall not be liable for any loss caused to any candidate following his or her application for rechecking.
5. No candidate shall be entitled to any retrospective benefit by way of admission to any class/ course / program or his / her eligibility for any scholarship, medal or such other benefit consequent upon any change in his results/ marks.
6. The decision of the appeal committee made under this regulation shall be final.

Amendment of Results
a) The Institute shall have the power to amend the results of a candidate within six (6) months from the date of commencement of examinations after it has been declared if:
b) he or she is disqualified for using unfair means at the examination;
c) a mistake is found in his / her results;
d) He / she is found ineligible to appear at the examination;

He / she is a person against whom action could have been taken, had the facts come to the notice of the Institute earlier.

GRADING OF EXAMINATION RESULTS AND CONDITIONS OF AWARD FOR DIFFERENT NTA LEVELS

Examination Results for NTA Levels 4 - 5 shall be graded as follows:

a)   For each credit module the following grades and grade points will hold

Grade	Marks Ranges	Definition	Grade Point
A	80 – 100	Excellent	4.0
B	65 – 79	Good	3.0
C	50 – 64	Satisfactory	2.0
D	40 – 49	Poor	1.0
F	0 – 39	Failure	0.0

b)   Grades A, B, and C shall be regarded as pass in ascending order of merit where A will be the highest pass grade and C the lowest pass grade while grades D and F shall be regarded as Fail.

c)   Conditions for the award of the NTA levels 4 to 5

The awards for the NTA levels 4 to 5 will be granted to candidate who:

i).   Passes all credit modules at grades A, B or C; and

ii).   Obtains the overall cumulative grade point average (GPA) as follows:

Class of Award	Cumulative GPA
First Class	3.5 – 4.0
Second Class	3.0 – 3.4
Pass	2.0 – 2.9

Examination Results for the NTA Level 6 shall be graded as follows:

a)   For each credit module the following grades and grade points will hold

Grade	Marks Ranges	Definition	Grade Point
A	75 – 100	Excellent	5.0
B+	65 – 74	Very Good	4.0
B	55 – 64	Good	3.0
C	45 – 54	Satisfactory	2.0
D	35 – 44	Poor	1.0
F	0 – 34	Failure	0.0

b)   Grades A, B+, B and C shall be regarded as pass in ascending order of merit where A will be the highest pass grade and C the lowest pass grade while grades D and F shall be regarded as Fail.

c)   Conditions for the Award of NTA Level 6

The awards for the NTA levels 6 will be granted to a candidate who;

i)   Passes all credit modules at grades A, B+, B or C; and

ii)   Obtains the overall cumulative grade point average (GPA) as follows:

Class of Award	Cumulative GPA
First Class	4.4 – 5.0
Upper Second Class	3.5 – 4.3
Lower Second Class	2.7 – 3.4
Pass	2.0 – 2.6

Review and Approval of Examination Regulations
These regulations shall be reviewed from time to time by the School Examination Committee and approved by the Institute Advisory Board (IAB).

PracticalTraining
Introduction
Industrial Practical Training (IPT) is among the components covered in the three years Ordinary Diploma Certificate. Industrial Practical Training in this context means practical training taken by all eligible students outside the Institute at a given time of the academic year in the mining industries.

Objectives of Industrial Practical Training
• To give students an opportunity to apply theoretical knowledge and skills gained during the tutorial semesters to real practical situations in industries / fields,
• To increase skills gained in the Institute workshop and laboratories and to get used to different equipment not used at the Institute,
• To realize the importance of cooperation and good human relationship at a workplace,
• To give students a chance to appreciate and participate in manual work,
• To give students an opportunity to appreciate that cost estimation and efficiency are important factors to be considered during engineering decisions,
• To give students a chance to know organizational and management problems in engineering activities,
• To give students a chance to identify projects that can be done during their course work.

MINING AND MINERAL PROCESSING ENGINEERING DEPARTMENT

This Department offers a three-year programme leading to Diploma in Mining Engineering; Metallurgy and Mineral Processing Engineering; and Environmental Engineering and Management. In order to keep abreast with global technological changes, the current system ensures that learners possess the necessary required competences applicable in relevant working places. Apart from training activities in the Department, the experienced staff also offer consultancy in mineral sector whenever needed. Their experience and services have been of great benefits to the community.

Module Offered by Mining and Mineral Processing Engineering Department:

NTA Level 4: Basic Technician Certificate in Mining Engineering

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
MNT04101	Basics of Mining Engineering	MNT04201	Drilling and Blasting Practices in Mine and Civil Works
MNT04102	Drilling Machine Operations and Basic Maintenance	MNT04202	Mine Safety and Rescue
MNT04103	Basics in Metallurgy and Mineral Processing	MNT04203	Introduction to Land and Mine Surveying
MNT04104	Applied Geology	MNT04204	Computer Aided Drafting
MNT04105	Technical Drawing	MNT04205	Industrial Practical Training (IPT)
MTT04101	Algebra and Geometry	MTT04201	Foundation of Trigonometry and Complex Numbers
PHT04102	Basics of Mechanics	PHT04202	Waves and Optics
CTT04103	Computer Applications	CST04203	Communication Skills and Work Ethics
		EDT04204	Basics of Entrepreneurship

NTA Level 5: Technician Certificate in Mining Engineering

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
MNT05101	Rock Excavation Engineering	MNT05201	Team Management Skills
MNT05102	Rock Mechanics and Ground Control	MNT05202	Legal Framework in Mines
MNT05103	Technical Report Writing	MNT05203	Ore Dilution and Production Control
MTT05101	Calculus and Numerical Methods	MNT05204	Ore Geology and Gemstone
PHT05102	Electricity and Magnetism	MNT05205	Industrial Practical Training (IPT)
CTT05103	Computer Networks and Database Systems	CHT05201	Atomic Structure and Radioactivity
		EDT05201	Business Practices

NTA Level 6: Diploma in Mining Engineering

	Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**	
MNT06101	Underground Mining Methods	**MNT06201**	Mine Transportation and Dewatering	
MNT06102	Mine Ventilation and Air Conditioning	**MNT06202**	Supervisory Skills	
MNT06103	Waste Dumps, Stockpiles and Tailings Dam Design	**MNT06203**	Mine Design Software	
MNT06104	Mine Surveying	**MNT06204**	Basics of Mineral Economics and Finance	
MNT06105	Final Year Project Proposal	**MNT06205**	Final Year Project Work	
MTT06101	Linear Programming and Critical Path Methods	**MTT06201**	Probability and Statistics	
PHT06102	Heat and Thermodynamics	**CDT06202**	Career Development and Life Skills	

NTA Level 4: Basic Technician Certificate in Metallurgy and Mineral Processing Engineering

	Semester I		Semester II
Code	**Module Title**	**Code**	**Module Title**
MPT04101	Basics of Metallurgy and Mineral Processing	**MPT04201**	Comminution and Classification
MPT04102	Sampling and Assaying	**MPT04202**	Metallurgy and Mineral Processing Laboratory
MPT04103	Environmental Health and Safety in Laboratory and Plant Operations	**MPT04203**	Dewatering and Tailing Disposal
MPT04104	Basics of Geology	**MPT04204**	Computer Aided Drafting
MPT04105	Technical Drawing	**MPT04205**	Industrial Practical Training (IPT)
MTT04101	Algebra and Geometry	**MTT04201**	Foundation of Trigonometry and Complex Numbers
PHT04102	Basics of Mechanics	**PHT04202**	Waves and Optics
CTT04103	Computer Applications	**EDT04204**	Basics of Entrepreneurship
		CST04203	Communication Skills and Work Ethics

NTA Level 5: Technician Certificate in Metallurgy and Mineral Processing Engineering

	Semester I		Semester II
Code	**Module Title**	**Code**	**Module Title**
MPT05101	Mineral Concentration	**MPT05201**	Basics of Pyro and Electro Metallurgy
MPT05102	Hydrometallurgy	**MPT05202**	Maintenance of Plant and Laboratory Equipment
MPT05103	Metallurgical Test Work and Interpretation	**MPT05203**	Coal and Gemstone Processing Technology
MPT05104	Ore Mineralogy	**MPT05204**	Legal Framework in Mining
MPT05105	Technical Report Writing	**MPT05205**	Industrial Practical Training (IPT)
MTT05101	Calculus and Numerical Methods	**CHT05206**	Element of Inorganic Chemistry and Physical Chemistry
PHT05102	Electricity and Magnetism	**EDT05201**	Business Practices
CTT05103	Computer Networks and Database Systems		

NTA Level 6: Diploma in Metallurgy and Mineral Processing Engineering

Semester I		Semester II	
Code	Module Title	Code	Module Title
MPT06101	Mineral Processing Plant Flowsheet Design	MPT06201	Supervision of Mineral Processing Plant Operations
MPT06102	Fundamental of Metallurgical Accounting	MPT06202	Fundamental of Mineral Processing Control
MPT06103	Mine Waste Management.	MPT06203	Basics of Mineral Economics and Finance
MPT06104	Cyanide Management in Mining	MPT06204	Final Year Project Work
MPT06105	Final Year Project Proposal	MTT06201	Probability and Statistics
MTT06101	Linear programming and Critical Path Methods	EDT06202	Fundamentals of Entrepreneurship Creativity and Innovation
PHT06102	Heat and Thermodynamics		
EDT06102	Entrepreneurship and Venture Creation		

NTA Level 4: Basic Technician Certificate in Environmental Engineering and Management

Semester I		Semester II	
Code	Module Title	Code	Module Title
EMT04101	Mining and the Environment	EMT04201	Environmental Chemistry and Pollution
EMT04102	Geology and the Environment	EMT04202	Environmental Ecology
EMT04103	Environmental Sampling and Monitoring	EMT04203	Occupational Health and Safety
EMT04104	Mineral Processing and the Environment	EMT04204	Computer Aided Drafting
EMT04105	Technical Drawing	EMT04205	Industrial Practical Training (IPT)
MTT04101	Algebra and Geometry		
PHT04102	Basics of Mechanics	MTT04201	Foundation of Trigonometry and Complex Numbers
CTT04103	Computer Applications	PHT04202	Waves and Optics
		EDT04204	Basics of Entrepreneurship
		CST04203	Communication Skills and Work Ethics

NTA Level 5: Technician Certificate in Environmental Engineering and Management

Semester I		Semester II	
Code	Module Title	Code	Module Title
EMT05101	Solid Waste Management Technology	EMT05201	Team Management Skills
EMT05102	Environmental Planning	EMT05202	Water and Wastewater Treatment Technology
EMT05103	Technical Report Writing	EMT06203	Cyanide Management in Mining
MTT05101	Calculus and Numerical Methods	EMT06204	Industrial Practical Training (IPT)
PHT05102	Electricity and Magnetism	CHT05201	Atomic Structure and Radioactivity
CTT05103	Computer Networks and Database Systems	EDT05201	Business Practices

NTA Level 6: Diploma in Environmental Engineering and Management

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
EMT06101	Water and Land Pollution Prevention and control	**EMT06201**	Mine Wastes Management
EMT06102	Air Pollution prevention and control	**EMT06202**	Noise and Vibration Control
EMT06103	Final Year Project Proposal	**EMT06203**	Final Year Project Work
MTT06101	Linear Programming and Critical Path Methods	**MNT06202**	Supervisory Skills
PHT06102	Heat and Thermodynamics	**MTT06201**	Probability and Statistics
CTT06103	Fundamentals of Information Technology	**EDT06202**	Fundamentals of Entrepreneurship Creativity and Innovation
EDT06103	Basics of Entrepreneurship and Venture creation		

GEOLOGY AND MINERAL EXPLORATION DEPARTMENT

The Department offers Diploma Certificate in Geology and Mineral Exploration, Petroleum Geosciences and Land and Mine Surveying under the National Technical Award (NTA) Framework. The curriculum used in the Department are modular in structure, competence based and meets the challenges of the current technological developments. The Competence Based Education and Training (CBET) emphases on learning outcomes, which demonstrate competences, knowledge and practical skills required for a particular task. Apart from training activities in the Department, the experienced staff also offer consultancy in mineral sector whenever needed. Their experience and services have been of great benefits to the community.

Module Offered by Geology and Mineral Exploration Department:

NTA Level 4: Basic Technician Certificate in Geology and Mineral Exploration

Semester I		Semester II	
Code	**Module Title**	Code	**Module Title**
GET04101	Introduction to geology	**GET04201**	Basics of Mineral Exploration
GET04102	Occupational Health and Safety	**GET04202**	Geo-Laboratory Technology
GET04103	Principles of Land Surveying	**GET04203**	Environmental Hazards Monitoring
GET04104	Structural Geology	**GET04204**	Industrial Practical Training (IPT)
MTT04101	Algebra and Geometry	**MTT04201**	Foundation of Trigonometry and Complex Numbers
PHT04102	Basics of Mechanics	**PHT04202**	Waves and Optics
CTT04103	Computer Applications	**CST04203**	Communication Skills and Work Ethics
		EDT04204	Basics of Entrepreneurship

NTA Level 5: Technician Certificate in Geology and Mineral Exploration

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
GET05101	Ore Genesis	**GET05201**	Exploration Drilling
GET05102	Petrology and Minerology	**GET05202**	Geophysical Exploration
GET05103	Exploration Geochemistry	**GET05203**	Ore Dilution and Production Control

Code	Module Title	Code	Module Title
GET05104	Geographical Information Management	**GET05204**	Geological Field Mapping
GET05105	Technical Report Writing	**GET05205**	Industrial Practical Training (IPT)
MTT05101	Calculus and Numerical Methods	**CHT05201**	Atomic Structure and Radioactivity
PHT05102	Electricity and Magnetism	**CTT05202**	Computer Database Systems
		EDT05201	Venture Creation and Business Plans

NTA Level 6: Diploma in Geology and Mineral Exploration

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
GET06101	Mining Geology and Grade Control	**GET06201**	Legal Framework in Mining
GET06102	Geological Modelling	**GET06202**	Geospatial Data Analysis
GET06103	Mine Surveying	**GET06203**	Mineral Exploration Project Management
GET06104	Final year Project Proposal	**GET06204**	Final Year Project Work
MTT06101	Linear Programming and Critical Path Methods	**MTT06201**	Probability and Statistics
EDT06102	Entrepreneurship and Venture Creation	**EDT06202**	Entrepreneurship Creativity and Innovation

NTA Level 4: Basic Technician Certificate in Petroleum Geosciences and Exploration

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
PGT04101	Introduction to Geology	**PGT04201**	Fundamentals of Palaeontology
PGT04102	Occupational Health and Safety	**PGT04202**	Sedimentology and Stratigraphy
PGT04103	Elements of Petroleum Geology	**PGT04203**	Geological Mapping
PGT04104	Petroleum Structural Geology	**PGT04203**	Geo-Laboratory Technology
		PGT04205	Industrial Practical Training (IPT)
MTT04101	Algebra and Geometry	**MTT04201**	Foundation of Trigonometry and Complex Numbers
PHT04102	Basics of Mechanics	**PHT04202**	Waves and Optics
CTT04103	Computer Applications	**EDT04204**	Basics of Entrepreneurship
		CST04203	Communication Skills and Work Ethics

NTA Level 5: Technician Certificate in Petroleum Geosciences and Exploration

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
PGT05101	Seismic Fundamentals and Refraction Methods	**PGT05201**	Gravity and Magnetic Methods
PGT05102	Seismic Reflection Acquisition and Processing	**PGT05202**	Geo-Electric Methods
PGT05103	Petroleum Chemistry and Processing	**PGT05203**	Petro Physics and Well Logging
PGT05104	Technical Report Writing	**PGT05204**	Petroleum Geochemistry
MTT05101	Calculus and Numerical Methods	**PGT05205**	Industrial Practical Training (IPT)
PHT05102	Electricity and Magnetism	**CHT05202**	Organic Chemistry

CTT05103	Computer Networks and Database Systems	CST05202	Communication and Business Correspondences
CHT05105	Inorganic Chemistry	EDT05203	Venture creation and Business Plan
CHT05106	Physical Chemistry		

NTA Level 6: Diploma in Petroleum Geosciences and Exploration

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
PGT06101	Sequence Stratigraphy	PGT06201	Introduction to Drilling Engineering
PGT06102	Seismic Interpretation	PGT06202	Coring and Core Analysis
PGT06103	Principles of Basin Analysis	PGT06203	Geo-Information Management System
PGT06104	Introduction to Reservoir and Production Engineering	PGT06204	Basics of Management and Legal Framework
PGT06105	Final year Project Proposal		
MTT06101	Linear Programming and Critical Path Methods	PGT06205	Final Year Project Work
EDT06102	Entrepreneurship and Venture Creation	MTT06201	Probability and Statistics
		EDT06202	Entrepreneurial Creativity and Innovation

NTA Level 4: Basic Technician Certificate in Land and Mine Surveying

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
LMT04101	Introduction to Land and Mine Surveying Career	LMT04201	Employment Skills Development
LMT04102	Health and Safety Practices	LMT04202	Elements of Geology and Mining Operations
MTT04103	Algebra and Geometry	LMT04203	Computer Aided Drawing in Surveying
LMT04104	Principles of Land and Mine Surveying	MTT04204	Trigonometry
CTT04105	Basics of Computer Applications	LMT04205	Surveying Operations
CST04106	Communication Skills	LMT04206	Survey Calculations and Plans
		LMT04207	Industrial Practical Training (IPT)

NTA Level 5: Technician Certificate in Land and Mine Surveying

Semester I		Semester II	
Code	**Module Title**	**Code**	**Module Title**
LMT05101	Field Work Supervision	EDT05201	Business Practices
LMT05102	Technical Report Writing	PHT05202	Basics of Physics in Surveying
MTT05103	Probability and Statistics	LMT05203	Mining Geology
LMT05104	Land Use and Development Planning	CTT05204	Database Systems
LMT05105	Land Laws and Regulation in Surveying	LMT05205	Engineering Surveying Calculations

LMT05106	Cadastral Surveying	LMT05206	Mine Surveying
LMT05107	Engineering Surveying	LMT05207	Industrial Practical Training (IPT)

NTA Level 6: Diploma in Land and Mine Surveying

Semester I		Semester II	
Code	Module Title	Code	Module Title
LMT06101	Geographic Information Management	MTT06201	Basics of Calculus
EDT06102	Entrepreneurship Creativity and Innovation I	LMT06202	Geospatial Data Analysis
MTT06103	Linear Programming Methods	EDT06203	Entrepreneurship Creativity and Innovation II
LMT06104	Control Surveying	LMT06204	Surveying Project Management II
LMT06105	Surveying Project Management I	LMT06205	Land and Mine Surveying Project II
LMT06106	Land and Mine Surveying Project I		

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INTRODUCTION

Mineral Resources Institute - Nzega campus is located 23km north of Nzega town. Previously, the campus was formerly owned by Resolute Tanzania Limited (RTL), a Golden Pride Project (GBP), which closed mining operations in 2014. After closure of mining activities, the assets and all facilities of RTL were handled to the Ministry of Energy and Minerals and later on to Mineral Resources Institute to be utilized effectively in training mining and related environmental professionals. Mineral Resources Institute - Nzega campus is mandated for conducting training in the mineral sector and mining related environment. Currently Nzega campus offers National Technical Awards (NTA) Level 4, Level 5 and Level 6 in Land and Mine Surveying.

Objectives of the Nzega Campus

- To train middle cadre professionals in the fields of Land and Mine Surveying by using existing infrastructures inherited from Resolute Tanzania Limited.
- To provide practical training in the said fields using the existing facilities such as the closed mine pits, tailing storage facilities (TSF), geological laboratory, existing environmental nurseries and small and medium scale mining operations around the campus.
- To be used as a training center for short and tailor-made courses.
- To provide extension services and practical training center on gold recovery and environmental conservation to small scale miners

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DAR ES SALAAM UNIVERSITY COLLEGE OF EDUCATION (DUCE)

INTRODUCTION

Dar es Salaam University College of Education (DUCE) became a constituent College of the University of Dar es Salaam on 1st September 2005. DUCE currently offers five undergraduate degree programmes which are:
Bachelor of Education in Arts (BEd Arts)
Bachelor of Education in Science (BEdSc)
Bachelor of Arts with Education (BAEd)
Bachelor of Science with Education (BSc (Ed)
Bachelor of Arts in Disaster Risk Management (BA DRM)

For the BAEd and BSc (Ed) Programmes, students will take a combination of any two teaching subjects and Education. Bachelor of Education students take one teaching subject and education. In addition, all students take College-wide courses in Communication Skills and Development Studies. They also do Teaching Practice in their first and second year of studies.

In addition, the College offers the following non-degree programmes

Basic Technician Certificate in Educational Laboratory Science and Technology (NTA Level 4)
Technician Certificate in Educational Laboratory Science and Technology (NTA Level 5)
Ordinary Diploma Educational Laboratory Science and Technology (NTA Level 6)

Entry Qualification for non- degree programmes

Basic Technician Certificate in Educational Laboratory Science and Technology (NTA Level 4)
The minimum entry requirements are:
Possession of National Vocation Training Award (NVA III) with at least two passes of grade D in either Chemistry, Biology, Physics or Mathematics at O level,
OR
Holder of form IV Certificate with at least four passes of grade D in Science subjects including passes in Chemistry, Biology, Physics or Mathematics or its equivalent. Duration is 1 year

Technician Certificate in Educational Laboratory Science and Technology (NTA Level 5)
The minimum entry requirements are:
Possession of NTA level 4 in Laboratory Science and Technology,
OR
Possession of Advanced Certificate of Secondary Education Examination (ACSEE) with at least one Principal Pass and a Subsidiary in Science subjects (Chemistry, Biology, Physics, Agriculture, Mathematics, Nutrition). In addition, the candidate will attend a bridge course on some basics of laboratory science and technology. Duration is 1 year.

Ordinary Diploma in Educational Laboratory Science and Technology (NTA Level 6)
The minimum entry requirements is Possession of NTA level 5 in Laboratory Science and Technology or related fields." Duration is 1 year.

UNDERGRADUATE PROGRAMMES OFFERED

The minimum number of students required for any particular undergraduate degree programme to run shall be ten. Departments wishing to run programmes with less than ten students shall first obtain special permission from the Deputy Vice Chancellor (Academic). The set minimum number of students is subject to annual reviews by the Senate.

Subject to paragraph one (1) above the undergraduate degree programmes offered by the Dar es laam University College of Education in various academic units are:

Faculty of Education (FoE)
Bachelor of Education in Arts (BEdArts) Bachelor of Education in Science (BEd Sc)

Faculty of Humanities and Social Sciences (FoHSS)
Bachelor of Arts with Education (BAEd)
Bachelor of Arts in Disaster Risk Management (BA DRM)

Faculty of Science (FoS)
Bachelor of Science with Education (BSc (Ed))

In addition, the faculty offers the following non-degree programmes
Basic Technician Certificate in Educational Laboratory Science and Technology (NTA Level 4)
Technician Certificate in Educational Laboratory Science and Technology (NTA Level 5)
Ordinary Diploma Educational Laboratory Science and Technology (NTA Level 6)

For more information on the undergraduate and non-degree programmes offered, admission criteria and other services by DUCE kindly visit: https://udsm.ac.tz/web/index.php/colleges/duce

BURSARIES AND FEES
At the beginning of the academic year, all students will be required to produce evidence of sponsorship by the Government or any other organizations, otherwise they will be expected to pay full tuition and College fees (or the portion not covered by the sponsor) by the beginning of the term/semester before they can be permitted to use the University facilities.

Payment of Tuition Fees and Direct University Cost should be made through the National Bank of Commerce (NBC), Account Number 071101000196 and bank pay –in slip should be submitted to the bursar's office for issuing a receipt.

Fees Payable by Students:

Tuition Fee (TZS)	Faculty	Degree Programme
1,000,000/=	FoHSS	B.A (Ed.)
	FoED	B Ed. (Arts)
1,300,000/=	FoS	B.Sc (Ed.)
	FoHSS	BA.DRM
	FoED	B.Ed. (Sc)
1,000,000/=	FoS	**Non-Degree Programmes**
		NTA Level 4
		NTA Level 5
		NTA Level 6

In addition to the tuition fee each student (regardless of sponsorship or the Means Testing Grade). MUST pay the following approved Direct University Costs

Cost Item	Amount (TZS)	Non-Tanzanians (USD)
Medical Capitation	50,400	25
Registration	5,000	100
Examination Fee	12,000	120
Identity Card	5,000	5
Student's Union Fee	5,000	15
TCU Commission	20,000	10
Total	**97,400**	**275**

NB: Students need to have separate funds to cater for stationery, books, meals and accommodation.

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Director of Undergraduate Studies
H. Z. Onditi, BEd, MA (Dar), PhD (UBC)

Director of Postgraduate Studies
S. Mlowe, BSc, MSc (Dar), PhD (Zululand)

Director of Research and Innovation
A. Lusekelo, BAEd, MA (Dar), PhD (Gaborone)

Director of Public Service and Outreach Programmes
L. Mulamula, BSc, MSc, PhD (Dar)

Director, Library Servces
D. Shilla, BSc (Dar), MSc **(**Auckland**),** PhD (Ryukyus)

Director of Student Services
N. Msuya, BAEd, MA (Dar)

Head, Quality Assurance Unit
P. Kavenuke, BEd (Dar), MEd. (Shanghai), PhD (Beijing)

Head of Diversity Unit
I. M. Mwandambo, BEd, MAASP (Dar), PhD (Leiden)

Dean, Faculty of Education
J. J. Kayombo, BEd (Dar), MEd (Shanghai), PhD (Beijing)

Dean, Faculty of Humanities and Social Sciences
E. Babeiya, BA, MA, PhD (Dar)

Dean, Faculty of Science
D. S. Kacholi, BSc (Morogoro), MSc (Dar), PhD (Goettingen)

Head of Finance Unit
M. Mohamed, BCom Acc, CPA, MBA (Finance) (Dar)

Coordinator Demonstration Schools
N. Mabula, BSc, MA (Dar), PhD (Konstanz)

FACULTY OF EDUCATION
Senior Lecturer and Dean
J. J. Kayombo, BEd (Dar), MEd (Shanghai), PhD (Beijing)

Lecturer and Coordinator (Practicum)
K. Haule, BEd, MAEd, PhD (Dar)

Department of Educational Psychology and Curriculum Studies

Senior Lecturer and Head
F. Kyaruzi, BEd, MEd (Dar), PhD (Munich)

Senior Lecturers
F. Kyaruzi, BEd, MEd (Dar), PhD (Munich)
M. K. Kateko, BEd (Dar), MIE (Massachussetts), PhD (Beijing)
N. Mabula, BSc, MA (Dar), PhD (Konstanz)
H. Z. Onditi, BEd, MA (Dar), PhD (UBC)
R. J. Mwakabenga Dip (Mpwapwa), BAEd, MAEd (Dar), PhD (New Zealand)

Lecturers
***A. C. Kafyulilo, BEd, MAEd (Dar), MSc (Enschede), PhD (Enschede)
A. M. Machumu, BAEd, MAASP, PhD (Dar)
B. Mazzuki, BEd, MAEd, PhD (Dar)
B. P. Mlyakado, BEd, MA (Dar), PhD (Hong Kong)
B. Mgumba, BAEd, MA, PhD (Dar)
I. B. Rugambuka, BAEd (Dar), MPhil (Oslo), PhD (Dar)
I. M. Mwandambo, BEd, MAASP (Dar), PhD (Leiden)
J. Mayega, BEd, MAEd, PhD (Dar)
J. Njiku, BEd, MEd (Dar), PhD (Kigali)
J. Kalinga, BAEd, MAEd, PhD (Dar)
K. Haule, BEd, MAEd, PhD (Dar)
J. Nzilano, Dip (Morogoro), BEd, MAEd (Dar), PhD (Wellington)
L. K. Luhende, BAEd, MA, PhD (Dar)
N. Rukondo, BSc, MEd, PhD (Dar)
S. M. Kejo, BAEd, MAEd (Dar), PhD (Victoria)
T. Venancy, BSc, MEd (Dar), PhD (Munich)
E. Kyaruzi, Dip (Monduli), BA, MA, PhD (Dar)
F. Masath, BEd, MA (Dar), PhD (Konstanz)
G. Andrew, BEd, MA, PhD (Dar)

Assistant Lecturers
*G. Nnko, BEd, MA (Dar)

J. L. Kajungu, Dip (Klereu), BSc, MEd (Dar)
*K. Dadi, BEd, MAEd (Dar)
*L. Gabriel, BAEd, MAEd (Dar)
*P. William, BEd, MA (Dar)
J. C. Ngunyale, BEd, MAEd (Dar)
E. Kabelege, BAEd, MA (Dar)
*L. S. Misana, BAEd, MAEd (Dar)
R. Mwambalaswa, BAEd, MAASP (Dar)
*T. Mligo, Bsc, MEd (Dar)
R. A. Shafii, BEd, MEd. AE (Dar)
T. Yotham, BAEd, MA, (Dar)

J. Kipanda, BAEd, MAEd, (Dar)

A.E Mbowe, BEd, Med (Dar)

A. J. Aligawesa, Dip (Mwanza), BEd, MAASP (Dar)

M. S. Nchimbi, BAEd, MAASP (Dar)

R. R. Mzambili, BAEd (Dodoma), MSc.M&E (Mersin)

G. M. Athuman, BAEd (Mwanza), MAASP (Dar)

Tutorial Assistants
*A. B. Joseph, BEd (Dar)
*I. M. Miwa, BEd (Dar)
*A. K. Makinda, BAEd (Dar)
F. C. Kinyamagoha, BAEd (Dar)
*F. M. Shimba, BEd (Dodoma)
A. W. Ndekirwa, BEd (Dodoma)
M. C. Lutonja, BEd (Tabora)
*J. J. Fisha, BEd (Dodoma)
*L. J. Bwire, BEd (Tabora)
A. B. John. BAEd (Dar)
U. S. Lusaka, BAEd (Dar)

Department of Educational Foundations, Management and Lifelong Education
Senior Lecturer and Head
K. Fulgence, Dip (Chang'ombe), BEd, (MBA) (Dar), PhD (Siegen)

Senior Lecturer
C. I. Raphael, Dip (Mpwapwa), BEd, MEMA (Dar), PhD (Dublin)
M. Bilinga, BAEd, MAEd, PhD (Dar)
J. J. Kayombo, BEd (Dar), MEd (Shanghai)), PhD (Beijing)
P. Kavenuke, BEd (Dar), MEd. (Shanghai), PhD (Beijing)
K. Fulgence, Dip (Chang'ombe), BEd, (MBA) (Dar), PhD (Siegen)

Lecturers
C. Swai, BEd, MAEd, PhD (Dar)
D. Fumpuni, BAEd, MAEd, PhD (Dar)
J. L. Manase, BSc (Morogoro), MEd, PhD (Dodoma)
P. J. Urio, Dip (Korogwe), BEd, MAEd, PhD (Dar)
O. Bethwel, BEd, MAEd (Dar), PhD (Changchun)
H. Mfaume, BEd, MAEd, PhD (Dar)
C. Nziku, BAEd, MEMA, PhD (Dar)

Assistant Lecturers
*A. Mwakitalu, BEd, MEMA (Dar)
G. Shoo, Dip (Mpwapwa), BEd, MEMA (Dar)
R. Mgaya, BA, MA (Dar)
*A. Selemani, BAEd, MAEd (Dar)
G. Kihwele, BEd, MAEd (Dar)
*H. Moyo, BAEd (Dar), MAEd (Liverpool)
*T. Shukrani, BEd, MEMA (Dar)
C. Akaro, BEd (Morogoro), MAEd (Morogoro)
M. Gamara. BEd (Dodoma), MEMA (Dar)
M. Manyama, BAEd (Dar), ME-ELPS (Dar)
N. J. Shega, BAEd (Iringa), MEPA (Iringa)
G. Ezekiel, BEd, MAEd (Dar)
H. O. Lutakyamilwa, BEd (Dar), HESA (Beijing)
G. V. Mpiluka, BEd (Dodoma), MEd (Nairobi)

Tutorial Assistant
V. Barweta, BEd (Dodoma)
G. Nyigu, BPhil.Ed (Mwanza)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES
Senior Lecturer and Dean
E. Babeiya, BA, MA, PhD (Dar)

Department of Geography and Economics
Lecturer and Head
E. Mcharo, BA, MA (Dar), PhD (Nairobi)

Associate Professor
A. A. Kinyondo, BA (Namibia), MA (Botswana), PhD (Monash)

Senior Lecturers
E. Mwita, BA, MA (Dar), PhD (Bonn)
D. Sabai, BA (Dar), MSc (Netherlands), PhD (Rhodes)

Lecturers
A. E. Songoro, BA, MSc (Dar), PhD (Giessen)
J. W. Mngumi, BA, MA (Dar), PhD (Glasgow)
E. Paul, BA, MA, PhD (Dar)
E. Kwayu, BA, MA (Dar), PhD (Leeds)
A. B. Safari, BA, MA, PhD (Dar)
G. Hinju, BA, MA, PhD (Dar)
M. Kauky, BA, MA, PhD (Dar)
S. Jumanne, BSc, MA, PhD (Dar)
J. Ngondo, BA (Dar), MSc (Nairobi), Phd (Shanghai)
*B. Ally, BA, MA (Dar), PhD (Tokyo)

Assistant Lecturers
*N. Nthangu BA, MA (Dar)
D. A. Lukiko, BA, MA (Dar)
*N. Msenda, BA, MA (Dar)
*A. Miho, BA, MA (Dar)
*M. Juvenary, BA (Dar), MSc (Nairobi)
*S. Lwiza, BA, MA (Dar)
*M. Joseph, BA, MA (Dar)
*L. Robert, BA (Morogoro), MA (Dar)
D. F. Peter, BA, MA (Dar)
G. J. Kanda, BA, MSc GIS (Dar)
D. L. Nkwabi, BSc URP, MSc DRM (Dar)

Tutorial Assistants
S. G. Kisyombe, BSc Ins & Risk (Dar)
R. L. Soka, B Ed (Morogoro)
I. J. Junior, BSc (Dar)
S. S Kagomba, BA (Kilimanjaro)

Department of Languages and Literature
Lecturer and Head
L. Philip, BAEd, MA, PhD (Dar)

Associate Professors
A. Lusekelo, BAEd, MA (Dar), PhD (Gaborone)
M. Samwel, BAEd, MA, PhD (Dar)
D. Goodness, BAEd, MA, MSc (Aston), PhD (Dar)

Senior Lecturers
R. Ndomba, BAEd, MA (Dar), PhD (Dublin)
M. Zacharia, BAEd, MA (Dar), PhD (Beyreuth)

Lecturers
B. Lema, BAEd, MA, PhD (Dar)
R. J. Mbijima, BAEd, MA, PhD (Dar)
F. Mwendamseke, BAEd, MA, PhD (Dar)
L. Mpalanzi, BAEd, MA, PhD (Dar)
E. Bwana, BA, MA (Bayreuth) PhD (Dar).
J. Manyasa, BA, MA, PhD (Dar)
N. Nelius, BA, MA, PhD (Dar)
D. Mosha, BAEd (Dar), MA (Nairobi), PhD (Dar)
L. Kombe, BAEd, MA, PhD (Dar)
M. Kibiki, BAEd, MA PhD (Dar)
S. S. Bichwa, BA, MA, PhD (Stellenbosch)
K. Mdoe, BAEd (Dom), MA, PhD (Dar)
G. Kitundu, BEd, MA, PhD (Dar)
F. Pangani, BA, MA, PhD (Dar)
M. Kassimu, BAEd, MA (Dar)
E. Ilonga BAEd, MA (Dar)

Assistant Lecturers
R. Ndimbo, BA, MA (Dar)
H. Masebo, BAEd, MA (Dar)
O. Simile, BA, MA (Dar)
*A. Chipalo, BAEd, MA, (Dar)
*M. Israel, BA (Dar), MA (Beau)
*S. Misozi, BA (Dar), MA (Beau)
*Y. Lukinga, BAEd, MAEd (Dar)
*E. J. Mkunde, BAEd, MAEd (Dar)
*S. Msovela, BAEd, MA (Dar)
D. Atupelye, BAEd, MA (Dar)
*D. Mwasunda, BA, MAEd (Dar)
*J. Simeo, BA, MAEd (Dar)
M. Kapingu, BAEd, MAEd (Dar)
*S. M. Kiula, BAEd, MA (Dar)
*Y. Mung'aya, BAEd (Mwanza), MA (Dar)
J. E. Lameck, BAEd, MA, (Dar)
*S. Champunga, BAEd, MA. (Dar)
F. Hamidu, BAEd, MA (Dar)
C. D. Rweyongeza, BAED, MA (Dar)
*Z. Muhammedy, BAED, MA (Dar)
*J. Swila, BAED, MA (Dar)

Tutorial Assistants
*C. Shao, BEd (Dar)
*F. S. Mgunya, BAEd (Dar)
E. M. Hilonga, BAEd (Dar)
*A. M. Abdallah, BEd (Dar)
R. A. Adam, BAEd (Dar)
*M. J. Robert, BAEd (Dar)
Y. S. Fullana, BAEd (Dar)
J. H. Mwamsangu, BAEd (Dar)
S. Abonike, BAED (Dar)
M. Mkape, BAED, MA (Dar)

A. Sadiki, BAEd (Dar)

Department of History, Political Science and Development Studies
Lecturer and Head
F. J. Mateng'e, BA, MA, PhD (Dar)

Senior Lecturers
A. S. Msellemu, BA, MA, PhD (Moscow)
E. Babeiya, BA, MA, PhD (Dar)
S. Mhajida, BAEd., MA (Dar), PhD (Goettingen)
C. Masawe, BA, MA (Dar), PhD (London)
J. S. Kihamba, BA, MA, PhD (Dar)

Lecturers
F. J. Mateng'e, BA, MA, PhD (Dar)
A. Mazigo, BA, MA (Dar), PhD (Stellenbosch)
M. Mwaihuti, BA, MA, PhD (Dar)
N. K. Ngullu, BAEd, MA (Dar), PhD (Goettingen)
Q. Kigume, BA, MA, PhD (Dar)
R. S. Peter, BA, MA, PhD (Dar)
Y. Yulli, BA, MA, PhD (Dar)
S. Ayo, BAEd, MA (Dar), PhD (UCM)
H. A. Urassa, BAEd, MA (Dar), PhD (UCM)

Assistant Lecturers
E. Kihongo, BAEd, MA (Dar)
Y. A. Vakolavene, BAEd, (Dar), MA (London)
N. Shiyo, BA (Dar), MA (Morogoro)
S. Dini, BA, MA (Dar)
G. Magoti, BA (Dar), MA (Morogoro)
*C. Masabo, Dip (Marangu), BA (Dar), MA (Yaoundé)
*S. Mtabazi, BA, MA (Dar)
*P. E. Kadalida, BA, MA (Dar)
*S. Mwakalinga, BA, MA (Dar)
*H. A. Kapuya, BA, MA (Dar)
*A. Kerindo, BAEd, MA (Dar)
H. Balalu, BAEd, MA (Dar)
K. V. Dillunga, BA, MA (Morogoro)
G. E. Ntobi, BA, MA (Dar)
M. N. Nanyaro, BA, MA (Morogoro)

Tutorial Assistants
M. F. Mosha, BA (Dar)
*J. M. Damas, BA (Dar)
A. I. Kalwani, BA (Dar)
I. R. Kisinda, BAEd (Dar)
M. O. Mahumbi, BA (Dar)
K. Mahondo, BAEd (Dar)

FACULTY OF SCIENCE
Senior Lecturer and Dean
D. S. Kacholi, BSc (Morogoro), MSc (Dar), PhD (Goettingen)

Administrative Officer
F. Antto, BA Phil, BA Theol (Roma), MPA (Beijing)

Office Secretary
V. Mgidya, Dip (TPSC)

Department of Biological Sciences
Lecturer and Head
N. G. Mogha, BSc (Dar), MSc (Addis Ababa), PhD (Bonn)

Senior Lecturer
D. S. Kacholi, BSc (Morogoro), MSc (Dar), PhD (Goettingen)
J. S. Bakuza, BSc, MSc (Dar), PhD (Glasgow)
F. Mkonyi, BSc, MSc (Dar), PhD (Arusha)

Lecturers
N. G. Mogha, BSc (Dar), MSc (Addis Ababa), PhD (Bonn)
F. Mwingira, BSc, MSc (Dar), PhD (Basel)
M. Mgendi, BSc, MSc, PhD (Dar)
D. Joseph, BSc, MSc, PhD (Dar)
L. Mulamula, BSc, MSc, PhD (Dar)
R. Alex, BSc, MSc (Dar). PhD (Arusha)
O. John, BSc, MSc, PhD (Dar)
M. January, BSc (Dodoma), MSc, PhD (Fukuoka)
H. A. Mvungi, BSc, MSc, PhD (Dar)

Assistant Lecturers
H. Kangusi, BSc (Dar), MSc (Dar)
E. Erasto, BSc (Dar), MSc (Henan)
*U. Mustafa, BSc, MSc (Dar)
*I. Makombe, BSc, MSc (Dar)
C. L. Hambo, BSc (Morogoro), MSc (China)

Tutorial Assistant
M. Hassan, BSc (Dar)
Z. Ismail, BSc (Dar)
J. B. Mhanga, BSc (Dar)

Laboratory Scientists II
G. E. Mushi, Dip, BSc (Dar)
J. C. Mgaka, FTC, BSc (Dar)
*E. J. Kilumile, BSc (Morogoro)
A. Idrissa, Dip, BSc (Dar)

Laboratory Technician II
E. A. Meshack Dip (Arusha), BSc (Dar)
T. E. Machia Dip (Dar)
E. F. Mkama Dip (Arusha)

Department of Chemistry
Lecturer and Head
J. Mgaya, BSc, MSc, PhD (Dar)

Senior Lecturers
J. Mbuna, BSc, MSc (Dar), PhD (Okayama)
D. Shilla, BSc (Dar), MSc (**Auckland),** PhD (Ryukyus)
S. Mlowe, BSc, MSc (Dar), PhD (Zululand)
J. Mgaya, BSc, MSc, PhD (Dar)

Lecturers
J. T. Zacharia, BSc, MSc (Dar) PhD (Kobe)
E. Mbukwa, BSc (Dar), M.Phil. (Gaborone), PhD (Johannesburg)
F. Hamad, BSc, MSc (Dar), PhD (Gent)

A. Kitalika, BSc, MSc (Dar), PhD (Arusha)
S. John, BSc, MSc (Dar), PhD (Qingdao)
M. Petro, BSc, MSc (Dar), PhD (Wuhan)
P. Lucas BSc, (Dar), MSc, PhD (Arusha)
S. Mtavangu, BSc, (Dar), MSc (Arusha)

Assistant Lecturers
F. Olambo, Dip (Mwanza), BSc (Kilimanjaro), MSc (Dar)
E. Nkotya, BSc (Dar), MSc (Hungary)
K. A. Kaishe, BSc, MSc (Dodoma)

Tutorial Assistants
E. G. Nyoni BSc (Dar),
C. Y. Msomba BSc (Dar)
H. Kawia BSc (Dar)

Senior Laboratory Technician II
S. A. Ndembo, Dip (Dar)

Laboratory Technician I
E. L. Makoye, Dip (Mbeya)
E. I. Mwaisemba, Dip (Mbeya)

Department of Physics, Mathematics and Informatics
Lecturer and Head
Z. S. Mussa, Dip, BSc, MSc (Dar), PhD (Lappeenranta)

Senior Lecturers
T. Sagamiko, BSc, MSc, PhD (Dar)
G. G. Mwanga, BSc (Dar), MSc (Johannesburg), PhD (Lappeenranta)

Lecturers
J. Mpele, BSc (Dar) MSc (Nairobi), PhD (Arusha)
Y. Msambwa, BSc, MSc (Dar), PhD (Nottingham)
Z. S. Mussa, Dip, BSc, MSc (Dar), PhD (Lappeenranta)
F. Chuma, Dip (Morogoro), BEd Sc, MSc (Dar), PhD (Arusha)
E. Ngailo, BSc, MSc (Dar), PhD (LINKÖPING)
M. Ryoba, BSc, MSc (Dar), PhD (Shanghai)
D. Mukama, Dip (Morogoro), BEd Sc, MSc (Dar), PhD (Changchun)
H. A. Kayange, BSc, MSc (Dar), PhD (Shanghai)
E. Yohana, BEd Sc (Dar), MSc (Johannesburg), PhD (Durban)
A. Lighuda, Dip (Mwanza), BEd (Kilimanjaro), MSc (Dar), PhD (Dar)

Assistant Lecturers
*E. Maloda, BSc, MSc (Dar)
F. Lolila, BSc, MSc (Dar)
H. H. Mwanyika, BSc, MSc (Dar)
J. Chiuyo, BSc, MSc (Dar)
F. Kapile, BSc, MSc (Dar)
*M. Lusato, BSc, MSc (Dar)
S. Semba, BSc, MSc (Dar)
*S. Amos, BSc, MSc (Dar)
Y. Mnyawami, BSc (Iringa), MSc (Dodoma)
D. E. Safari, BSc, MSc. (Dar)
L. John, BSc (Dar), MSc (Arusha)
*C. Samson, BSc (Morogoro), MSc (Kaiserslautern)
*A. Okey, BSc (Dar), MSc (Arusha)

*A. Reuben, BSc (Morogoro), MSc (Arusha)
*C. C. Ngirwa, BSc (Dar) MSc (Arusha)
*L. Pascoe, BSc (Dar), MSc (Arusha)
R. O. Ndabhiama, BSc, MSc (Dar)
*B. Mvungi, BSc (Dar), MSc (Kyoto)
*M. E. Phillipo, BSc (Dar), MEng (Tianjin)
Z. E. Moshi, BSc (Loyola), MSc (Arusha)
C. K. Kajuna, BSc (Kampala), MSc (Nairobi)

Tutorial Assistants
J. Sija, BSc (Dar)
*E. Panja, BSc (Dar)
F. Mbuya, BSc (Dar)
L. Wambura, BSc (Dar)
*P. M. Kalabaheleye, BSc (Dar)
H. F. Mwacha, BSc (Kilimanjaro)
*J. Foya, BSc (Dar)

Senior Laboratory Technician II
S. Isafu, Dip, BECE (Dar)
A. Makawa, Dip, BSc (Dar)
Laboratory Technician I
A. O. Mwinuka, Dip (Dar)
A. P. Msyani, Dip (Arusha)

College Library
Senior Lecturer and Director
D. Shilla, BSc (Dar), MSc (Auckland), PhD (Okinawa)

Librarian/Lecturers
P. Kayungi, Dip (Morogoro), Bed, MA, PhD (Dar)

Assistant Librarians
D. H. Danda, BSc, MA (Dar)
E. E. Mallya, BLIS (Kampala), MA (Dar)
E. K. Ngassa, BLIS (Kampala), MA (Dar)
E. G. Pallangyo, B. Computer Sc. (Arusha), MA (Dar)
L. A. Leonidas, B. Info. Syst & Net. Eng. (Dodoma), MSc (Tamil Nadu), PhD (Wuhan)
A. J. Makawa, B. Computer. Sc. (Dar), MBA IT Management (Arusha)
E. F. Mwakasege, B. ICT with Business (Morogoro), MSc. Info. & Telecom. Technology (Korea)
T. M. Saning'o, B. Information Technology (Arusha), MBA IT Management (Arusha)

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*   On Study Leave
** On Sabbatical Leave
*** On Leave of Absence/Secondment

MKWAWA UNIVERSITY COLLEGE OF EDUCATION (MUCE)

INTRODUCTION

Mkwawa University College of Education (MUCE) is located in the Southern Highlands of Tanzania in Iringa Municipality, about 3 kilometres from Iringa town Centre. MUCE was established as a constituent college of the University of Dar es Salaam on the 1st of September 2005 by upgrading the former Mkwawa High School, in response to the growing demand for teachers. It was upgraded to a constituent college of the University of Dar es Salaam by order under Section 55 (1) of the University of Dar es Salaam Act No. 12 of 1970 and published in the Government Notice No. 2003 on the 22nd of July 2005.

MUCE consists of three Faculties, i.e. Faculty of Education (FoED), Faculty of Humanities and Social Sciences (FoHSS) and Faculty of Science (FoSC). Candidates admitted into the College pursue undergraduate and postgraduate degree programmes in Science and Arts.

UNDERGRADUATE PROGRAMMES OFFERED

The minimum number of students required for any particular undergraduate degree programme to run shall be ten. The departments wishing to run programmes with less than ten students shall first obtain special permission from the Deputy Vice-Chancellor (Academic). The set minimum number of students is subject to annual reviews by the Senate.

Subject to paragraph one (1) above the undergraduate degree programmes offered by the University of Dar es Salaam through MUCE are:

Faculty of Education (FoED)
Bachelor of Education in Arts (B.Ed(Arts))
Bachelor of Education in Science (B.Ed(Science))

Faculty of Humanities and Social Sciences (FoHSS)
Bachelor of Arts with Education (B.A (Ed.))

Faculty of Science (FoSC)
Bachelor of Science with Education (B.Sc(Ed.))
Bachelor of Science in Chemistry (B.Sc. Chem)
For more information on the postgraduate programmes offered, admission criteria and other services by MUCE kindly visit: https://www.muce.ac.tz/ and https://www.udsm.ac.tz/web/ index.php/colleges/muce

ADMISSION REGULATIONS

All enquiries about admission should be addressed to:
Directorate of Undergraduate Studies,
Mkwawa University College of Education,
P. O. Box 2513, Iringa,
Tanzania
E-mail: dus@muce.ac.tz & Tel. +255 26-2703195

Bursaries and Fees

At the beginning of the academic year, each student will be required to produce evidence of sponsorship by the Government or any other organizations. Students under Government Loans Board are expected to pay their portion of the fees not covered by the Loans Board (based on means test grade) at the beginning of the semester before they can be permitted to use the University facilities. Payment should be made through the Government Electronic Payment Gateway (GePG) using a control number generated from the Academic Registration Information System (ARIS).

Fees Structure for Undergraduate Students for the 2023/2024 Academic Year

Faculty	Tuition Fees for Tanzanians (TZS)	Tuition Fees for- Non-Tanzanians (USD)	Degree Programme
Education	1,000,000.00	2,100	Bachelor of Education in Arts
	1,300,000.00	2,700	Bachelor of Education in Science
Humanities and Social Sciences	1,000,000.00	2,100	Bachelor of Arts with Education
Science	1,300,000.00	2,700	Bachelor of Science with Education
	1,300,000.00	2,700	Bachelor of Science in Chemistry

In addition to the tuition fees, each student (regardless of sponsorship or the Government Loan Means Testing Grade) must pay the following approved Direct University Costs:

Cost Item	Tanzanians (Tshs.)	Non –Tanzanians (US$)
Student Union Fee	5,000.00	5.00
ID Fee	5,000.00	5.00
Registration Fee	5,000.00	100.00
Examination Fee	12,000.00	120.00
Medical Capitation Fee	50,400.00	125.00
TCU/QAF	20,000	20
TOTAL	**97,400.00**	**375.00**

Direct Student Costs per Year (Payable Directly to Students)

Cost Item	Cost (Tshs.)
Books and Stationery Allowance*	200,000.00
Meals and Accommodation Allowance*	2,040,000.00
Total	**2,240,000 00**

Note: *Advisory only, more may be required

In addition, students are required to have sufficient funds to cater for special faculty requirements. Such requirements may be in the form of boots, overalls, compass set, drawing board, tracksuits, gloves, lab coats, gloves, dissecting kit, protective eyeglasses, mouth masks, etc or funds for teaching practice depending on the programme. Students also need to have separate funds to cater for stationery items, books, meals and accommodation.

STUDENTS' GENERAL INFORMATION
Administration
MUCE Students' Administration is headed by the Directorate of Students' Services, which deals primarily with personal and social welfare aspects of students' life. This directorate oversees the provision of such services as accommodation, games and sports, spiritual and students counselling in various issues as well as career guidance and counselling. The Directorate of Students' Services also assists the Deputy Principal (Planning, Finance and Administration) in students' disciplinary matters.

Accommodation

A limited number of rooms in the halls of residence are available on application before the beginning of the academic year. As such accommodation in the halls is not guaranteed for every student. Students are thus urged to find their own accommodation outside the campus.

Payment for accommodation is made through Government Electronic Payment Gateway (GePG) using Control Numbers. Students are not given rooms in the halls of residence until they pay the prescribed rent. Priority for on – campus accommodation is given to students with disabilities, foreign students and female first year students. Currently, the price per student per day is Tshs. 800.00x120 days per each semester. In addition, students are required to set apart accommodation caution money of TZS. 10,000.00 payable once during the first year.

Students' Activities

Most of the students' activities are organized by the students' union **(DARUSO-MUCE)**. The students' organization is concerned with the students' academic, political, social and recreational activities. Students are encouraged to form academic and/or professional organizations. They are also encouraged to form and join registered social organizations. New social and academic organizations are registered with the Direcotrate of Students' Services.

Catering

The College offers cafeteria services for all meals to students at subsidized prices. The meals are paid for at the cafeteria counters. The College has two cafeterias on campus and few canteens (food vendors) near Hall VI, which have the capacity to serve the present student population.

Medical Services

MUCE owns and operates a Health Centre, which provides both currative and preventive medical services to students, staff members, staff families and to the general public. The Health Centre is located within the College campus and it operates for 24 hours. The Health Centre provides outpatient services, specialised clinics, reproductive and child health clinics, HIV/AIDS care and treatment cliniucs and minor theater. There are two inpatient ward wings, for male and female patients, with a 26-bed capacity. The Health Centre offers its services through insuarance includining National Health Insurance Fund (NHIF) scheme. Students who report at the Health Centre for treatment are required to produce NHIF identity cards, which can be obtained from NHIF at a cost of TZS 50,400.00 per year.

College Library

MUCE Library is an academic unit, which is an integral part of the College in pursuit of its core activities, namely teaching, research and public service. The primary role of the Library is to provide information services to support teaching and learning and research functions of the academic and research community.

Library Opening Hours

During Semester Time	Monday – Saturday	08.00 am	10.00 pm
	Sundays & Public Holidays	02.30 pm	10.00 pm
During Vacation	Monday – Saturday	08.00 am	04.00 pm
	Sundays & Public Holidays *Closed*		

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F. Ngabala, BSc, MSc (Dar)
*P.J. Chengula, BSc (Dar), MSc (NM-AIST)

Tutorial Assistants
*H. M. Charles, BSc (Dar)
S.L Kalinga, BSc (Dar)
K.N. Kanizi, BSc (UDOM)
I.T. Macha, BSc (Dar)

Principal Laboratory Technologist II
B. M. Chaffu, FTC (Dar), AdvDip (Dar)

Senior Laboratory Scientist
 M.Yohana

Senior Laboratory Technologist II
J. Mkungu, BEd, MSc (Dar)
Laboratory Technologist II
F. D. Mbanila, Dip (Kleruu)
D. N. Loleye, Dip (Arusha-Tech.)
J. A. Kimata, Dip (DIT)
T.N. Wampembe, Dip (Arusha-Tech.)
Jesca M. Kaaya, Dip (Arusha-Tech.)

Department of Mathematics, Physics and Informatics
Senior Lecturer and Head
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Informatics
Assistant Lecturers
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W. M. Wambura, BSc (Dar), MSc (NM-AIST)
M. L. Vicent, BSc, (Dar), MSc (RISS)
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*E. J. Kambo, BSc (SAUT-Mwanza), MSc (Dar)
A. P. Mdee, BSc (Dar) MSc (Kyungpook-Rep.)
S. T. Joseph, BSc (Dar), MSc (NM-AIST)

Tutorial Assistants
E.N. Casmir, BSc (Dar)
J. P. Mchina, BSc (Dar)
K. D. Mhenuchi BSc (Dar)

System Administrators
A. Adam, BSc, MSc (Dar)

Mathematics
Senior Lecturer
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Lecturers
A. P. Mtunya, BSc, MSc (Dar), PhD (NM-AIST)
M. Aloni, BA, MA, PhD (Dar)
B. G. Mng'ong'o, Dip (Iringa), BEd, MSc (Dar)
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*E. A. Kyojo, BSc, MSc (Dar)
*N. Nzaganya, BSc, MSc (Dar)
*M. A. Stephano, BSc (Dar) MSc (Pusan National University)

Tutorial Assistants
M. A. Simbeye, BSc (Dar)
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Physics
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Lecturer
E.R. Ollotu, Dip (Monduli), BEd, MSc, PhD (Dar)
A.V. R. Ntarisa, BSc (Dar), MSc (Dar) PhD (Kyungbook)
B.J. Mafwele, BSc (Dar), MSc, PhD (Inha)

Assistant Lecturers
*E. Chanai, BSc (Dar) MSc (Dar)
*G. Mlay, BEd, MSc (Dar)
*D. J. Mahushi (Ms), BSc (Dar) MSc (NM-AIST)
*C. Lwiwa, BSc (Dar), MSc (Dar)
*B.J. Mafwele, BSc (Dar), MSc (Inha)
J. N. Shelembi, BSc (Dar), MSc (TUTE)
*N. I. Mwankemwa, BSc (Dar), MSc (Yangtze University)

Tutorial Assistants
B. Kachira, BSc (Dar)
A.F. Tarimo BSc (Dar)
Y.M. Ndayatamye, BSc (Dar)
C.D. Jovitha, BSc (Dar)

Senior Laboratory Technologist I
C. Sostenes, FTC ((DIT))

Senior Laboratory Scientist I
S. Juma, Dip, BSc ((DIT))

Laboratory Technologist II
H.M. Edson, Dip (Kleruu)
S.T. Munisi, Dip (SUA)
J.K. Thomas, Dip (Kleruu)
G.F. Mpuga, Dip (DIT)

Directorate of Administration and Human Resources Managemet
Director of Administration and Human Resources Managemet
E. Lyagoda, BA (Dar), MBA (RUCU)

Senior Administrative Officers
M. Makafu, BA (UDOM) MA (Mzumbe)

Administrative Officers
G. Ndunguru, BA (UDOM)
A. Manga, BA, (Mzumbe)
G. Msolla, Dip (Mbeya), BHRM (UoI, Iringa), MBA (UoI)

Human Resource Officer (Payroll)
A. Msofe, BA (Dar)

Secretary
J. Shija (Ms), Dip (Shukrani,)

Directorate of Library Services
Lecturer and Director of Library Services
A M. Aloni, BA, MA, PhD (Dar)

Principal Library Officer
L. Y. Selle, Dip (SLADS,), BA (Dar), MA (UoI)

Library Officer
J. P. Telekako, Cert, Dip (SLADS), BLIM (OUT)

Senior Library Assistant
A. Chando, Cert, Dip (SLADS,)
A. R. Kawambwa, Cert, Dip (SLADS,)
*C. Stephen, Dip (SLADS,), BBA (RUCU,)

Library Assistants
P. J. Mbunda, Cert (SLADS)
N. Mteti, Cert (SLADS)
U. A. Mombokaleo, Cert (SLADS)
E. M. Nkanda, Cert.(SLADS,)
U. Muhoja, Cert, Dip (SLADS,)
G. Mgula, Cert, Dip (SLADS,)
E. E. Shumba, Cert, Dip (SLADS,)

Communication and Marketing Unit
Lecturer and Head of Communication and Marketing Unit
P. Kanijo, BA, MA (Dar), PhD (Gothernburg)

Finance Unit
Acting Manager, Finance Unit
B. Kambo, BAAF (MUCCOBS), PGDA (IAA, Arusha), CPA (NBAA, Dar)

Senior Accountants Officer
P. J. Kimondo, Dip (TIA, Dar), ADA (TIA, Dar), PGD (CBE,)
V. Mwanyika, ADA (TIA,)
E. Mbena, ADA (IAA,)
R. V. Mwanyika, ADA (TIA)
M. S. Rumas, BC (Dar)

Accounts Officer
A. S. Mkamila ADA (TIA)
R. Ulaya, ADA (TIA,)
L. P. Mtavangu, ADA (TIA)

Secretary
R. Ngole, Cert. (TPSC)

Office Attendant
D. Ikandilo, Cert (TPS)*

Internal Audit Unit
Head, Internal Auditor Unit
N. Kawo, BCom (Ambedkar) MA Acc (Netherlands), CPA (T), NBAA)

Internal Auditor
R. Mayapira, ADA (IAA), CPA (NBAA)
E. Sanga, Cert, ADA (TIA)

Legal Services Unit
Head, Legal Services Unit
A. Tumbuchile, LLB, (Tumaini, Dar), PGD (Law School, Dar)

Legal Officer
P. Mizimu, LLB (RUCU-), PGD (Law School, Dar)

MUCE Health Centre
Principal Medical Officer and Medical Officer in Charge
S. Likondangoma, MD & BS (Fudan), Masters in Obstetrics/Gynaecology (MUHAS,)

Principal Medical Officer
S. Lyuba, MD (MUHAS), MMED (KCMC)
S. Likondangoma, MD & BS (Fudan), Masters in Obstetrics/Gynaecology (MUHAS,)

Medical Officers
Shamady, Dip (Med. Train. Centre, Mbeya), BMed (KCMC,)
Senior Clinical Officers
I. Mbilinyi, Dip (Med. Train. Centre, Sumbawanga)
*E. Mahenge, Dip (Med. Train. Centre, Mvumi)
K. C. M. Mackenza, AdvDip (Medical Train. Centre, Mbeya)

Clinical Officers
E. Kabuka, Dip (Med. Train. Centre, Mvumi)
O. Mbwale, Dip (Clinical Medicine-Iringa)
J. Sossiya Dip (Clinical Medicine, Tandabui)
N. Kelvin, Dip (Clinical Medicine-Iringa)

Medical Lab. Technicians
P. Nyeho, Cert (Health Lab. Training Centre, Singida), Dip. (RUCU (Iringa)
A. Mlengule, Cert (Medical Train. Centre, Ikonda), Dip (MUHAS, Dar)
S. Luvinga, Dip (Medical Train. Centre, Ikonda), AdvDip (MUHAS, Dar)
E. Ngulo, Cert (Singida Medical Training, Singida)
F. Nyigu, Dip (Medical Train. Centre, Ikonda)

Pharmaceutical Technicians
C. Nyange, Dip (MUHAS, Dar), BPharm (KIU,
M. Ngakola, Dip (Dar)

Nurses
W. G. Vahaye, Dip (Muhimbili Training Centre, Dar), PGD (Stellenbosch, South Africa)
D. Bernard, Dip (Nursing Training Centre, Tabora), BSc (St. Johns, Dodoma)
C. Lilanga, Dip (Nursing Training Centre, Ndanda), BSc (St. Johns, Dodoma)
E. Kapesa, Dip (Muhimbili School of Nursing, Dar), BSc (St. Johns, Dodoma)
D. Antapa, Dip (Nursing Training Centre, Ndanda)
F. Nguli, Dip (Nursing Training Centre, Ndanda)
E. Kimaro, Dip (Nursing Training Centre, Muheza)
G. Mlimakifi, Dip (Nursing Training Centre, Tanga)
J. Lwila, Dip (Nursing Training Centre, Ilembula)
O. Mwashota, Dip (Nursing Training Centre, Mbeya)

Z. Mgao, Cert (Tosamaganga School of Nursing, Iringa)
M. Nyiti, Cert (Iringa Government Hospital, Iringa)
S. Jonathan (Nursing Training Centre, Tanga)

Launderers
R. Kisapi, ACSEE (Malangali Sec. School, Iringa)

Secretary
R. Kibajiro Cert, Dip (TPSC, Dar)

Procurement and Management Unit
Head, Procurement Management Unit
F. Chitanda, ADPS (TIA, Dar), CPSP (T) (Dar), MSc (Morogoro)

Principal Supplies Officer
Mtema, NSC (DSA, Dar), CPSP (T) (Dar), PGDM (Tumaini University, Iringa), MSc (Morogoro)
Supplies Officers
J. Station, ADPS (TIA, Dar), CPSP (T)(Dar)
A. Kisese, Dip (TIA, Dar), BBA (UoI)

Procurement Officer
R. Mwinyi, BA (TIA)

Registry
Principal Records Management
M. Waziri, Cert, Dip (TPSC, Dar) S. Koko, Cert (VETA, Iringa), Dip (TPSC, Mtwara)
L. Sapachuma, Cert, Dip (TPSC, Dar)
N. Kitogo, Cert (TPSC, Tabora) Dip, (TPSC, Tanga)

Senior Records Management
N. Wadeya, Cert (TPSC, Dar)

Records Management Assistant
B. Paul, Cert (TPSC, Dar) Dip, (TPSC, Dar)
A. J. Gwevu, Cert (TPSC, Mtwara)

Information and Communication Technology Unit
Senior Information and Communication Technology Officer and Manager of the Information and Communication Technology Unit
S. Majimoto, Dip (NHCC, Dar), BSc (UoI,)

Senior Information and Communication Technology Officer
C. Maulaga, Dipl (Dodoma) Advanced Dipl (IAC

Information and Communication Officer
J. Emanuel, BSc (Dar)

Senior Assitant Information and Communication Technology Officer
D. Malogo, Cert, Dip (UCC, Dar)

System Administrator
A. Ahmed, BSc, MSc (Dar)
E. Nsolo, BSc (Dar), BSc (Linkoping,)

Estates and Works Management Unit
Senior Estates Officer and Manager, Estates and Works Management Unit
*G. Ngelime, Dip (University of Bath), BSc (Dar)

Senior Estate Officers
S*. Kullagwa, FTC (MUST,), BSc (MUST)
G. Sarimbo, BSc (Dar)

Estates Officer
*F. Fateline, BSc (Dar)

Principal Technician
Mwaimu, FTC (NIT, Dar), BSc (MUST,)
R. Nicholaus, Dip (Rwegarulila Water Resources, Dar)
F. Mwangabo, FTC (Mbeya Technical College, Mbeya)

Principal Artisan
B. Mwachota, Cert (Rwegarulila, Dar)
Artisan
S. Ndimbo, Cert (Morogoro)

Senior Assistant Health Officer
C. Nissilu, Cert, (Muheza, Tanga), AdvDip (Dar)

Directorate of Students' Services
Director of Students Services
A. Raymond, Dip, BAEd, MA (Dar), PhD (Bristol)

Principal Warden
*W. Mdegela, BD (Makumira,), MPA (Mzumbe)

Senior Wardens
L. Asajile, Dip, BA (Dar), MBA, (UoI,)
P. Stephano, Cert (TPSC, Mtwara), BAEd (Dar)
A. Hussein, BA Ed (Dar), MPA (Mzumbe)
A. Egidius, BA. & MA (UoI)
E. Kilegu, BA(Ed) (Dar)
K. Mhema, BA (Dar)

Wardens
L. Balenzi, BEd, MEd (Dar)
A. Ntiruka, Cert (Dar), Dip (Tengeru, Arusha), BA (Temgeru, Arusha)
B. Mwakyeja, B.Ed (Dar), Mphil (Oslo, Norway) MBA (RUCU, Iringa)
E. Wikedzi, Dip (Mbeya), Bed (UDOM)
G. Spotwa, BA (TEKU- Mbeya), MEMA (Dar)
T. Nyoni, BA (Mihayo-Tabora) MEM, (SAUT)
R. Mwigo, BA (UDOM), MPH, (Dar)

Secretary
M. Kilindo, Cert, Dip (TPSC, Dar)

Transport Unit
Principal Drivers
S. Natupu, Cert, AdvCert (NIT, Dar)

C. Chogo, Cert (VETA, Iringa) AdvCert (NIT, Dar)
C. Singo, Driving Cert (IAE), Adv. Driving Cert (NIT, Dar)

Senior Driver
S. Kayuga, GCE (NIT, Dar), AdvCert (NIT, Dar), MV Mechanics Grade I (NIT, Dar)

Driver
P. Sigimba, Grade Test I (Tosamaganga, Iringa) AdvCert (NIT, Dar)

Secretaries
R. Kalonga, Cert (Dar), Dip (RUCU,)
R. Kalokola, Cert, Dip (TPSC, Dar)
M. Mshangama Cert (TPSC, Dar)
L. Balama, Cert (TPSC, Tabora) Dip (UoI,)
J. Shija, Dip (Shukrani)
S. Joseph Cert, Dip (TPSC, Mbeya)
N. Kibonde, Dip (TPSC, Dar)
S. Mkoroma, Cert, Dip (TPSC, Dar)
D. Nchemwa, Cert. Dip (TPSC, Mbeya)

Office Management Secretary
H. Samillan, Cert (TPSC, Dar)
M. Kilindo, Cert,Dip (TPSC, Dar
S. Ngole, Cert, Dip (TPSC, Mtwara)

Personal Secretary
R. Kibajiro Cert, Dip (TPSC, Dar)

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  * On Study Leave
**On Sabbatical Leave
***On Leave of Absence/Secondment