



UNIVERSITY OF DAR ES SALAAM

UNDERGRADUATE PROSPECTUS - 2017/2018

Published by

**University of Dar es Salaam
Office of Deputy Vice Chancellor - Research
Directorate of Research and Publication
P. O. Box 35091
Dar es Salaam
Tanzania**

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WELCOMING NOTE FROM THE VICE CHANCELLOR

We are very pleased to welcome you to undertake tertiary studies at the University of Dar es Salaam. This Prospectus will provide you with a flavour of academic life in our various campuses, including the Mwalimu Julius K. Nyerere Mlimani Campus, Dar es Salaam University College of Education, CoICT and SJMC Kijitonyama Campuses in Dar es Salaam and Mkwawa University College of Education in Iringa. A major part of the document provides you with a glimpse of courses offered in various academic units and a variety of related information.

The University of Dar es Salaam is a committed community of students and staff members who are dedicated to bringing out the best in all its members. The University is also at the interface of national and international higher education innovations and initiatives. Our aim is to provide the best possible environment for teaching, learning, research, innovation and public services. We are determined to maintain and rise above our track record of success, which is well known in East Africa, Africa and the rest of the world. We will continue to ensure that students gain cutting-edge, world-class knowledge in their areas of specialization. We aspire to make your stay at this University worthwhile, filled with excitement and experiences that you can treasure for a lifetime. We recognize the multifaceted nature of knowledge and that learning is not only confined to the classroom academic study. The University, therefore, encourages students to join and actively participate in extra-curricular activities organised by its academic units and Directorates, and those organized by the Students' Union. Students are also encouraged to use the available sports and recreational facilities. These include a swimming pool and a range of sports and games fields.

The University has taken all reasonable steps to make sure that the information in this Prospectus about course contents, structure, teaching facilities and staffing, are 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 Rwekaza S. Mukandala
VICE CHANCELLOR

July 2017

GENERAL INFORMATION

The University of Dar es Salaam (UDSM) is the oldest, second largest public research University in Tanzania offering bachelor, master and doctoral degrees and professional development programmes leading to the award of certificates and diplomas. It has seven campuses. The Mwalimu Julius K. Nyerere Mlimani Campus, which is the main campus, is located 13 kilometers west of the Dar es Salaam City Centre and comprises of various academic and non-academic units including the College of Social Sciences (CoSS), College of Humanities (CoHU), College of Natural and Applied Sciences (CoNAS), College of Engineering and Technology (CoET) and College of Agricultural Sciences and Fisheries Technology (CoAF). Others are the University of Dar es Salaam School of Education (SoEd), University of Dar es Salaam School of Law (UDSoL), University of Dar es Salaam Business School (UDBS), University of Dar es Salaam School of Health Sciences (SoHS), Dr. Wilbert K. Chagula University Library, Institute of Kiswahili Studies (IKS), Institute of Resource Assessment (IRA), Institute of Development Studies (IDS), Confucius Institute (CI), 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), Centre for Communication Studies (CCS). Other units at the Main Campus include the Quality Assurance Bureau (QAB), University of Dar es Salaam Innovation and Entrepreneurship Centre (UDIEC), University of Dar es Salaam Entrepreneurship Centre (UDEEC), University Consultancy Bureau (UCB), Gender Centre (GC), Technology Development and Transfer Centre (TDTC), Bureau for Industrial Cooperation (BICO) and University Students Accommodation Bureau (USAB).

Other campuses found in Dar es Salaam City are the Department of Aquatic Sciences and Fisheries at Kunduchi, School of Journalism and Mass Communication (SJMC) at Mikocheni, College of Information and Communication Technologies (CoICT) at Kijitonyama and the Dar es Salaam University College of Education (DUCE) at Chang'ombe. Campuses that are located outside the Dar es Salaam City include the Mkwawa University College of Education (MUCE) in Iringa and the Institute of Marine Sciences (IMS), which is situated in Zanzibar.

A: STUDENTS WELFARE

Office of the Dean of Students

The Department of Student Welfare at the Mwalimu Nyerere Mlimani Campus is under the auspices of the Dean of Students who is responsible for provision of student welfare services. These range from residence to Student Counselling and career guidance, Students Governance and Health and Catering Services. Generally the Dean of Students provides high quality services that nurture students to engage in academic and social development. The Dar es Salaam University College of Education (DUCE) and Mkwawa University College of Education (MUCE) have their own departments of Student Administration headed by Dean of Students.

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 with semi-independent Unit known as University Student Accommodation Bureau (USAB) whose offices are located near Hall V at the main campus. There are 7 Halls on-campus and are charged at the rate of TZS. 800/= per day. Another accommodation facility is located at Mabibo, 4 km from the Mwalimu Julius Nyerere Mlimani Campus and are charged at the rate of TZS 500/= per day. Transport from the University to Mabibo Hostel is available 14 hours a day. Residential places for Mlimani Main Campus and DUCE students are also available at Kijitonyama and Ubungo Hostels. Both the Dar es Salaam University College of Education and Mkwawa University College of Education campuses have their own students' accommodation facilities.

ii) Counseling Unit

The Counseling Unit provides personal counseling, educational (academic) counseling, and supports students facing academic and other social problems. The counseling unit gives Self-help Line Tips on DoSO website. Using the website, students will be able to find assistance from a counsellor/responsible. The tips will assist individuals with psycho social problems such as relationships, personality, behavioral, emotional and family issues.

iii) 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.

iv) Dar es Salaam University Students Organization (DARUSO)

DARUSO is the student union which is responsible for organising students' activities and their governance. These include academic, political, social, outreach and recreational activities. Students are encouraged to form academic/professional organizations. They are also encouraged to form and join social organizations that have been registered by the Dean of Students office. 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 (IET) Chapter and Innovation Forum (IC), to mention only few.

v) 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, Administration Block, Hill Park and UDASA Club.

vi) Games and Sports

The University main campus has a range of sporting facilities. These include an international size 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 organises a variety of competitions within the country. Student also takes 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) completions.

B: MEDICAL SERVICES

The University of Dar es Salaam Health Centre (UHC) provides health services to students, staff members, staff families and to the general public. The Centre is located within the Mwl. Julius K. Nyerere Mlimani Campus. The Centre also runs dispensaries located at Mabibo students' Hostels and IMS (Zanzibar) as well as a dispensing room at SJMC (Kijitonyama).

UHC operates on a twenty-four hour basis. Currently the following are the services offered:

- (a) Outpatient clinic (treatment of various disease conditions);
- (b) In patient services (hospitalization);
- (c) Wide range of laboratory services;
- (d) Specialized clinics in skin and sexually transmitted infections, eye and optical services, obstetrics and gynaecology, diabetes, paediatrics, and psychiatry and mental health,;
- (e) Counselling and testing for HIV and providing antiretroviral drugs to people living with HIV/AIDS;
- (f) Reproductive and child health services;
- (g) Treatment of infectious diseases such as tuberculosis; and
- (h) Health education, communication and counselling students on reproductive health.

UHC is accredited to offer services to the National Health Insurance Funds (NHIF) beneficiaries. All students are required to join NHIF by filling in special forms after contributing some specified amount of money to the NHIF during registration period. Students who fulfil the above will be provided with NHIF membership cards which will be used to access treatment at the Centre and to other accredited health facilities country wide. Students who fall sick shortly before, or during examinations, are advised to immediately report to relevant authorities in their respective departments and then to the Health Centre for treatment and further directives. All requests for

recommendation to postpone examinations or studies must be accompanied by an authentic medical report from recognised hospitals.

Malaria is endemic disease in Dar es Salaam and it ranks number one in all admissions at UHC. The disease is preventable and the following are some of the preventive measures:

- (i) Sleeping under a treated mosquito net:
- (ii) Using mosquito repellent spray and spraying room with insecticides:
- (iii) Covering exposed skin especially in the evening and at night:
- (iv) Using chemoprophylaxis especially for foreigners; and
- (v) Early diagnosis and treatment (completing the dosage is necessary).

HIV and AIDS remain one of the world's most significant public health challenges. The age group which is mostly affected is that of 15-49 years of age. However, abstaining from sex, being faithful, limiting number of sexual partners to one who is not infected and consistent and correct use of condoms can prevent HIV transmission. Test for HIV is free and confidentiality is highly maintained; we are all encouraged to test to know our status. The University of Dar es Salaam Health Centre (UHC) has a special unit that offers services on HIV/AIDS, including counselling services.

C: UNIVERSITY LIBRARY SERVICES

The University of Dar es Salaam Library is an academic unit which is fully involved in teaching, research and consultancy. The primary role of the Library is to provide information services to support teaching, learning and research functions of the University. It has three departments namely: Reader Services, Technical Services and Research and Special Collection. Each department is headed by an academic member of staff who is answerable to the Director of the Library. Senior staff of the Library are involved in teaching, research and provision of consultancy services.

The University Library is a national depository, which collects materials published in Tanzania and are housed in the East Africana Section. These 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 seven major sections: Arts and Social Sciences, Law, Science and Engineering, Reference, East Africana and ICT. These collections consist of books, journals and other materials in their respective subject areas, both in print and electronic. They are self-sustaining service units which provide specialized services to users undertaking research and courses in various subject areas. In addition, the Library has Information Studies Programme, which is a training wing that conducts Bachelors, Masters and PhD programmes in Library and Information Studies.

The library has a collection of about 600,000 volumes and 2,800 periodical titles of which 146 are current printed journals. It has a rich collection of manuscripts including the Cory papers, Arabic and Swahili manuscripts, micro-materials, maps and CD-ROMs. The Library also has access to 40 full-text electronic journal databases. It is also a member of the Database of African Theses and Dissertation network (DATAD).

The Library provides both print and electronic information services to its users. The services provided include: Lending Services, Document Delivery, E-mail and Internet, Selective Dissemination of Information (SDI), Current Awareness Services and photocopying services. Being a national depository library and the largest collection of research materials, its services are also extended to researchers and scholars both within and outside the country.

Library Opening Hours

Semesters Time

Monday - Saturday	- 08.00 am - 06.30 pm
	- 07.30 pm - 10.30 pm
Sunday	- 02.00 pm - 06.30 pm
	- 07.30 pm - 10.30 pm

Vacation time

Monday - Friday	- 08.00 am - 05.00 pm
Saturdays	- 08.00 am - 01.00 pm
Sundays and Public Holidays	- Closed

D: INNOVATION, ENTREPRENEURSHIP AND OUTREACH

The University of Dar es Salaam offers innovation, creativity and entrepreneurship training and skills development through the University of Dar es Salaam Innovation and Entrepreneurship Centre (UDIEC) and other relevant units that are based in the Colleges, Schools and Institutes. The mission of the Centre is to promote development of knowledge, skills and technologies that are geared towards solving societal problems through innovations and thus facilitate the development of sustainable entrepreneurial and business capacity in Tanzania. The aim is to be an effective catalyst for job creation, economic development and poverty alleviation through quality education, research, and consultancy and policy advocacy. Students are urged to get involved in the activities of the Centre. Our aim is to produce graduates who are job creators rather than job seekers.

E: TRANSPORT SERVICES

Transport services for students residing off-campus are available at a reasonable price. The transport services are provided by three shuttle buses that were donated to the University by the CRDB Bank and privately owned mini-buses for students residing at Mabibo Hostel. The services run from 06.00 a.m. to around 10.00 p.m. during the semester and from 06.00 a.m. to 08.00 p.m. during the vacation.

F: WORSHIP AND SPIRITUAL COUNSELING SERVICES

Students and staff of the University of Dar es Salaam have complete freedom of worship based on their spiritual beliefs, within the limitations of the laws of the country and Student By-Laws. At the Mwalimu Nyerere Campus, there is a Mosque for Moslems whereas Christian's worship services are conducted a Joint Christian Chapel. Both the facilities are situated near Hall No. 4 along Biafra and Kilimahewa Roads. The Chapel is administered by a Joint Chapel Committee composed of representatives of the Tanzania Episcopal Conference (TEC) and the Christian Council of Tanzania (CCT). Catholics have one Chaplain appointed by TEC and conduct their Mass every Sunday at 06.15, 07.15 and 08.15 a.m. besides the daily Mass at 06.00 p.m. The non-Roman Catholic Christian denominations have a Chaplain appointed by the CCT. Their services are held at 07:00 a.m. in Yombo Lecture Theatre 5 and at 10.00 a.m. in the Chapel in Kiswahili; and at 09:30 a.m. in Yombo Lecture Theatre 5 in English. The University Students Christian Fellowship (USCF) has meetings daily from 06.30 p.m. to 07.30 p.m. on Monday to Friday and from 07.00 p.m. on Saturdays. Activities include Bible study, films, out-reach (to other colleges and communities) and in reach i.e. room to room witnessing for Christ. There is also a staff and students Bible study group which meets in the Chapel's Seminar Room at 06.00 p.m. every Tuesday. The Seventh Day Adventists (SDA) conduct their Mass every Saturday from 09.00 a.m. to 12.30 p.m. at Yombo classroom. There are confirmation Classes for CCT Chapel on Saturdays at 10.00 a.m. and on Wednesdays at 04.00 p.m. in the Chapel's Seminar Room. Baptisms and marriages are also arranged by the Chaplains. There exists a Joint Christian Committee (JCC) for TEC and CCT, which organizes a joint mass once in a semester. The Chaplains are available for counseling in their respective offices in the Chapel or at Kilimahewa House No. 4 for Catholics and Kilimahewa House No. 6 for non-Catholics.

G: 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. The National Police Station is in charge of providing security to both University residence and its surrounding neighbouring community, while the Auxiliary Police Unit and the Private Security Companies are making reasonable provision to provide general security within the University work places and its students and staff residences.

The University Main Campus is surrounded by a vast reserved forest with thick bushes and favourable climate, which is conducive for learning, teaching and living. However, as a consequence, these features also provide a hide out of criminals as well as wild pests. Despite these security risks and threats, the University Management in collaboration with its security organs as well as the University dwellers (members of staff and students) have always strived to control the situation by implementing various security strategies, which includes among others the engagement of both students and members of staff in security functions, through the Neighbourhood Watch approach. 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:

No.	Office	Contact Telephone Numbers
1.	UDSM Auxiliary Police Station	+255 652 097 852
2.	UDSM Police Station	+255 22 2410279
3.	Hall 1 - 5 and Extension for International Students	+255 712 850 450
4.	Hall 6 and 7 Postgraduate Hostel	+255 688 668 434

5.	Library and Lecture Halls	+255 652 097 856
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H: SHOPPING FACILITIES

The University has basic shopping facilities at the Mwalimu Julius Nyerere Mlimani Campus, Mabibo Hostel as well as DUCE Campus. All facilities have been outsourced to private business people. There is a major Shopping Mall at Mlimani City, which is located within the Mwalimu Julius Nyerere Mlimani Campus along Sam Nujoma Road. It is one of the most comprehensive and one stop shopping centre in Dar es Salaam and Tanzania with a bookshop, major Banks (NMB, NBC, CRDB, EXIM and KBC), a Bureau de Change, Travel Agent and mobile telephone service providers (Vodacom, Zantel, Tigo and Airtel); all located in the mall.

I: BOOKSHOP

The University has a Bookshop, which is currently operated by the Dar es Salaam University Press (DUP). It is located at the Mwalimu Nyerere Mlimani Campus near Cafeteria 1 and 2. UDSM staff and students, as well as alumni and visitors can access a range of textbooks and University apparel and gifts from the University Bookshop. Students can also buy books from the Mlimani City Bookshop.

J: STATIONERIES, PRINTING AND PHOTOCOPYING

There are a number of University operated photocopying services situated in the University Library and the College of Engineering and Technology (CoET), which offer reasonable prices to UDSM staff and students. Almost all major academic units and offices have photocopying facilities, which are dedicated to staff members. Other printing, photocopying and stationery services are operated by private enterprises and are located on campus and in the neighbourhood.

K: BANK SERVICES

UDSM staff and students can access bank services of major banks in Tanzania, which have their branches at the Mwalimu Julius Nyerere Mlimani Campus. The banks that have branches on campus are CRDB, NBC and NMB all of which are located around the University Central Administration Block. ATM services are available at other locations on campus. More banks and financial services, including Bureau for Change are available at the Mlimani Shopping Mall, which is situated on Campus.

L: POSTAL SERVICES

There is a Post Office located at the Mwalimu 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), LL.D (Dar), LL.D (St. Thomas, Minnesota), Litt.D (Kenyatta), IR.D (Fatih), PhD (Muhimbili), PhD (UDOM), PhD Law (Guelph), PhD Law (Newcastle, Australia), LL.D (OUT)

VICE CHANCELLOR

Prof. R. S. Mukandala, BA, MA (Dar), PhD, CertNIE (Berkeley)

DEPUTY VICE CHANCELLORS

Prof. F. D. A. M. Luoga, DVC (Academic), LLB, (Dar), LL.M (Queen's), MIL (Lund), PhD (Warwick)
Prof. D. A. Mfinanga, DVC (Administration), BScEng (Dar), MSc (Miyazaki), PhD (Kyushu)
Prof. C. Z. M. Kimambo, DVC (Research), BScEng (Dar), MSc (Reading), PhD (City Univ. London)

CORPORATE COUNSEL AND SECRETARY TO COUNCIL

Prof. B. S. Rutinwa, LLB (Dar), LL.M (Queen's), BCL, PhD (Oxford)

IMMEDIATE PAST VICE CHANCELLOR (ON POST)

Prof. M. L. Luhanga, BScEng, MEng (Cal Poly), PGCE (Leeds), MPhil, PhD (Columbia)

DIRECTOR, POSTGRADUATE STUDIES

Prof. A. G. Mwakaje, BScAgr (SUA), MSc (Reading), PhD (London)

DIRECTOR, UNDERGRADUATE STUDIES

Prof. A. R. Mushi, BScEd (Dar), MMS (UCD, Dublin), PhD (UCD, Dublin)

DIRECTOR, RESEARCH AND PUBLICATION

Prof. S. Many, BSc, MSc, PhD (Dar)

DIRECTOR, PUBLIC SERVICES

Dr. M. Mwakalinga, BA, MA (Dar), PhD (Kansas)

DIRECTOR, INNOVATION AND ENTREPRENEURSHIP

Prof. A. K. Temu, BScEng (Dar), MSc, PhD (Trondheim)

DIRECTOR, QUALITY ASSURANCE BUREAU

Dr. P. S. Malangwa, BAEd, MA, PhD (Dar)

DIRECTOR, OFFICE OF THE VICE CHANCELLOR

L. Ramadhani, BA, MA (Dar), PhD (UCD)

DIRECTOR, INTERNATIONALISATION, CONVOCATION AND ADVANCEMENT

L. T. Kaaya, BSc, MSc (Dar), PhD (Cape Town)

DIRECTOR, HUMAN RESOURCES MANAGEMENT AND ADMINISTRATION

Dr. J. J. Sanga, BAEd, MBA (Dar), PhD (Dar)

DIRECTOR, PLANNING, DEVELOPMENT AND INVESTMENT

Dr. P. M. S. Bujulu, BScEng (Dar), MScEng (Hanover), PhD (Trondheim)

DIRECTOR, SOCIAL SERVICES

Dr. A. Komba, DipEd (Kleruu), BEdSc (Dar), MAEd (Dar), PhD (Bath)

DIRECTOR, ESTATES SERVICES

Mr. H. Jumanne, BScEng, MSc (Dar)

BURSAR

D. M. Ngari, ADCA (IDM), PG DipSC, MBA (Dar), CPA (T)

DEAN OF STUDENTS

P. Mabuga, DipEd (Kleruu), BAEd (Dar), MAASP (Dar)

PRINCIPALS OF CONSTITUENT COLLEGES

Dar es Salaam University College of Education (DUCE)

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P. O. Box 35125 DAR ES SALAAM E-Mail: dps@udsm.ac.tz	+255-22-2410500/8 Ext. 2570	
DIRECTORATE OF INNOVATION AND ENTREPRENEURSHIP P. O. Box 110099 DAR ES SALAAM E-Mail: udiec@admin.udsm.ac.tz	+255-22-2410115 Ext. 2087	
DEAN OF STUDENTS P. O. Box 35091 DAR ES SALAAM E-Mail: dosoadm@yahoo.com	+255-22-2410256	
DIRECTORATE OF PLANNING AND DEVELOPMENT 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 FISHERIES TECHNOLOGY P. O.Box 35064 DAR ES SALAAM E-Mail: coaf@udsm.ac.tz	+255-22-2410462	
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: principal_conas@udsm.ac.tz	+255-22-2410129 +255-22-2410500/8 Ext. 2686/2799	+255-22-2410129
COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES P. O. Box 35194 DAR ES SALAAM E-Mail: principalcoict@udsm.ac.tz	+255-22-2410556 +255-22-2410500 Ext. 2026, 2384	+255-22-2140556
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	+255-22-2410500/8 Ext. 2013	+255-22-2410510 +255-22-2410006

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DAR ES SALAAM E-Mail: dean@udbs.udsm.ac.tz		
SCHOOL OF HEALTH SCIENCES P. O. Box 35091 DAR ES SALAAM Email: sohs@udsm.ac.tz	+255-22-2410440 Ext. 2580	
SCHOOL OF EDUCATION P. O. Box 35048 DAR ES SALAAM E-Mail: dean@edu.udsm.ac.tz	+255-22-2410500/8 Ext. 219422-2410608	
SCHOOL OF JOURNALISM AND MASS COMMUNICATION P. O. Box 4067 DAR ES SALAAM Email: sjmc@udsm.ac.tz	+255-22-2700756/27 00236	+255-22-2700239
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
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	
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 SALAAME Mail: ira@udsm.ac.tz	+255-22-2410500/8 Ext. 2410 +255-22-2410144	+255-22-2410393
DR. WILBERT K. CHAGULA UNIVERSITY LIBRARY P. O. Box 35092 DAR ES SALAAM E-Mail: director@libis.udsm.ac.tz	+255-22-2410500/8 Ext. 2165 +255-22-2410241	
UNIVERSITY COMPUTING CENTRE P. O. Box 35062 DAR ES SALAAM E-Mail: ucc@udsm.ac.tz	+255-22-2410500/8 +255-22-2410645 0744-782120	+255-22-2410690
CONFUCIUS INSTITUTE AT UDSM P. O. BOX 35146 DAR ES SALAAM	+255 0752 483 723 +255 0784 888 281 +255 0 752 483 723	Fax.+255-22- 2410651
UNIVERSITY OF DAR ES SALAAM ENTREPRENEURSHIP CENTRE P. O. Box 110099 DAR ES SALAAM E-Mail: udiec@udsm.ac.tz	022-2410115	022-2410510
QUALITY ASSURANCE BUREAU P. O. Box 110093	+255-22 2410747	+255-22 2410747

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DAR ES SALAAM E-mail: qab@udsm.ac.tz		
UNIVERSITY BURSAR P. O. Box 35091 DAR ES SALAAM E-Mail: bursar@admin.udsm.ac.tz	+255-22-2410500/8 Ext. 2069/2076 022-2410516	
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	
UNIVERSITY HILL POST OFFICE P. O. Box 35000 DAR ES SALAAM	+255-22-2410143	
MLIMANI PRIMARY SCHOOL P. O. Box 35091 DAR ES SALAAM	+255-22-2410135	
MKWAWA UNIVERSITY COLLEGE OF EDUCATION P. O. Box 2513 IRINGA E-mail: principal@muce.ac.tz	+255 (26) 2702751	+255 (26) 2702751
DAR ES SALAAM UNIVERSITY COLLEGE OF EDUCATION P. O. BOX 2329, DAR ES SALAAM E-mail: principal@duce.ac.tz		

UNIVERSITY CERTIFICATES, DIPLOMAS AND UNDERGRADUATE DEGREES FOR WHICH COURSES ARE OFFERED

UNDERGRADUATE PROGRAMMES

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

College of Agricultural Sciences and Fisheries Technology (CoAF)

BSc in Aquatic Sciences and Fisheries
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

College of Humanities (CoHU)

BA in Heritage Management
BA in Art and Design
BA in Theatre Arts
BA in Film and Television
BA in Philosophy and Ethics
BA in Music
BA in Language Studies
BA in Literature
BA in History
BA with Education (shared with CoSS)
BA with Education (Chinese and English)

College of Social Sciences (CoSS)

BA in Anthropology
BA in Economics
BA in Economics and Statistics
BA in Geography and Environmental Studies
BA in Political Science and Public Administration
BA in Sociology
BA in Statistics
Bachelor of Social Work

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 Metallurgy and Mineral Processing Engineering
BSc in Mining Engineering
BSc in Industrial Engineering
BSc in Textile Design and Technology
BSc in Textile Engineering
BSc in Petroleum 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 Geology
BSc with Geology
BSc in Engineering Geology
BSc - General
BSc in Microbiology
BSc in Molecular Biology and Biotechnology
BSc in Wildlife Science and Conservation
BSc with Education
BSc in Petroleum Geology
BSc in Petroleum Chemistry
BSc in Meteorology

College of Information and Communication Technologies (CoICT)

BSc in Computer Science
BSc with Computer Science
BSc in Electronic Science and Communication
BSc in Computer Engineering and Information Technology
BSc in Telecommunications Engineering

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)

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

University of Dar es Salaam School of Law (UDSoL)

Bachelor of Laws
Bachelor of Arts in Law Enforcement

School of Health Sciences (SoHS)

Doctor of Medicine

Institute of Kiswahili Studies (IKS)

BA in Kiswahili

Dr. Wilbert Chagula University Library

BA in Library Information Studies

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

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

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@admin.udsm.ac.tz
Tel. +255 22 2410544/2410545/2410513 or 2410500 Ext. 2019 and 2057 Fax: +255 22 2410078

Applicants with direct qualifications *i.e.* those who have completed A-level secondary education (Form VI), will have to apply through the Central Admission System as advertised by the TCU. Equivalent applicants with diplomas in Education, NTA level 6 and non-NTA level 6 recognised by TCU/NACTE will also apply through CAS. Other equivalent applicants apart from those listed above (such as post-form VI certificates, bachelor degree holders) will continue lodging their applications with the University of Dar es Salaam. Application forms for applicants with other equivalent qualifications can be obtained from the Directorate of Undergraduate Studies, Administration Block in Room 105, or they will be sent directly to the applicant upon request, but only where the applicant meets the required admission qualifications. Application forms can also be obtained from the offices of Regional Education Officers (REOs) or downloaded from the University website at www.udsm.tz. The duly filled forms must reach the Director of Undergraduate Studies not later than the date indicated on the advertisement calling for applications for the particular admission season. Only applicants who meet the required minimum entry qualifications into the University should submit application forms. Forms from applicants who 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 to be re-admitted to 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:

- (a) Sickness;
- (b) Serious social problems (each case to be considered on its own merit); and
- (c) 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:

- (a) 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 (A.CSEE) or equivalent;

AND

- (b) (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 'C' grade.

(Note: Principal level passes in Divinity/Islamic Knowledge are not counted)

OR

- (c) 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 FISHERIES TECHNOLOGY

Bachelor of Science in Aquatic Sciences and Fisheries (BSc. ASF)

- (i) Direct Entry (Form VI) Qualifications
Two Principal passes in Biology and any of the following subjects: Chemistry, Nutrition, Agriculture, Physics and Geography.
- (ii) Equivalent Qualifications
This programme will also admit candidates with 1st and 2nd class diploma in an appropriate field of Biology.

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 of not less than second class 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 of not less than second class 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 of not less than second class 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 of not less than second class or grade B from recognized institutions

COLLEGE OF ENGINEERING AND TECHNOLOGY

(i) Direct Entry (Form VI) Qualifications

For *ALL degree programmes in CoET, except BSc in Petroleum Engineering, 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 Petroleum Engineering

Passes of at least ‘D’ grade at A-Level in Mathematics and Physics, and at least a Subsidiary pass in Chemistry at ACSEE

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 Bachelor 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. 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.

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. 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

(i) Direct Entry (Form VI) Qualifications

Bachelor of Arts (History)

Two or more principal level passes, one of which must be in History.

Bachelor of Arts (Archaeology)

Two or more principal level passes in Arts and Science subject combinations at the ACSEE level.

Bachelor of Arts (Heritage Management)

Two or more principal level passes one of which must be in History; or a good grade (GPA of 3.8 and above) of the UDSM Diploma in Heritage Management and Tour Guidance.

Bachelor of Arts (Language Studies) and Bachelor of Arts (Literature)

Two principal level passes in language subjects.

Bachelor of Arts in Music, Art and Design, Film and Television, Theatre Arts

Two principal passes in Arts subjects at the ACSEE level.

(ii) Equivalent qualifications include:

- (i) Diploma of Butimba Teachers' Training College, with an average of B+ or above.
- (ii) Diploma of Taasisi ya Sanaa na Utamaduni Bagamoyo (TaSUBa), formerly the Bagamoyo College of Arts, with an average of B+ or above.

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.

COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

Bachelor of Science in Computer Science; Bachelor of Science with Computer Science; Bachelor of Science in Electronic Science and Communication; Bachelor of Science in Computer Engineering and Information Technology and Bachelor of Science in Telecommunication Engineering

(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 an average grade of 'B+' or higher.

COLLEGE OF NATURAL AND APPLIED SCIENCES

Bachelor of Science (General)

- (i) Direct Entry (Form VI) Qualifications

Two principal level passes at A-Level in any of the following subjects: Biology, Chemistry, Physics, Mathematics and 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 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 Geology, Bachelor of Science in Engineering Geology and Bachelor of Science in Petroleum Geology

(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 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 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

Ordinary diploma approved by the Senate in Mathematics, Statistics or other relevant discipline of not less than upper second-class and a grade in Statistics or Mathematics or Quantitative Method of C or better;

OR

Advanced diploma approved by the Senate in Mathematics, Statistics or other relevant discipline with a grade in Statistics or Mathematics or Quantitative Method of C or better

COLLEGE OF SOCIAL SCIENCES

(i) Direct Entry (Form VI) Qualifications

Bachelor of Arts (Economics or Economics with another subject)

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.

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

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 Commercial, Science and 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. Preferential consideration will be accorded to applicants with passes in commercial based subjects in the event of a tie.

(II) Equivalent Qualifications

(a) Ordinary Diploma of not less than Upper Second class standing, approved by the UDSM Senate. The grade in Statistics, Mathematics or Quantitative Methods in the Diploma should be 'C' or better or at least a 'C' in Mathematics at CSEE.

(b) No classification is required for Advanced Diploma. The grade in Statistics, Quantitative Methods or Business Mathematics in the Advanced Diploma should be 'C' or better or a grade of 'C' or better in Mathematics at CSEE.

SCHOOL OF EDUCATION

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

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 (Physical Education and Sport Sciences)

(i) Direct Entry (Form VI) Qualifications

Two or more principal level passes with skills in any sport or game having an advantage. In addition one should have at least a 'C' grade in Biology at CSEE and pass a Physical Fitness Test (PFT) administered by the Department of Physical Education, Sport and Culture of the University of Dar es Salaam a week prior to orientation week.

(II) Equivalent Qualifications

A Diploma in Physical Education or in Education with a minimum overall grade of 'B+' as well as a Credit pass in Biology at CSEE Candidates should pass a physical fitness test administered by the Department of Physical Education, Sport and Culture of the University of Dar es Salaam.

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.

SCHOOL OF HEALTH SCIENCES (SoHS)

Doctor of Medicine

(i) Direct Entry (Form VI) Qualifications

Three principal level 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 and/or candidates 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 Upper Second Class or Distinction or B+ Average.
- Principal level passes at any grade in Physics/Mathematics, Chemistry or Biology at "A" level will be an added advantage

UNIVERSITY OF DAR ES SALAAM SCHOOL OF LAW (UDSoL)

Bachelor of Law

(i) Direct Entry (Form VI) Qualifications

Any two or more principal level passes. In addition, candidates who do not have principal passes in History and English at ACSEE must have credit passes in the two subjects at CSEE.

(II) Equivalent Qualifications

An appropriate Diploma obtained in not less than two years of study from an accredited/recognised institution of higher learning of not less than Upper Second Class and approved by the UDSM Senate.

OR

A Certificate in Law of the University of Dar es Salaam passed with distinction.

OR

A Bachelor Degree from a recognised University in a discipline other than Law with the exception of Bachelor of Divinity or Islamic Studies.

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

Any two or more principal level passes. In addition, candidates who do not have principal passes in History and English at ACSEE must have Credit passes in the two subjects at CSEE.

(II) Equivalent Qualifications

A Diploma relevant to the law enforcement discipline of not less than Upper Second Class obtained from an accredited/recognised law enforcement institution and approved by the UDSM Senate.

OR

A Certificate in Law of the University of Dar es Salaam passed with distinction.

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
An appropriate equivalent Diploma of not lower than Upper Second Class level from a recognised (accredited) institution offering journalism or mass communication courses.

DAR ES SALAAM UNIVERSITY COLLEGE OF EDUCATION (DUCE) AND 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.

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 from 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 University shall be similar to that required by UDSM including the respective programme's cut-off point in the relevant year.

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

4. Criteria for Establishing Equivalency 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:
 - Official transcript (to be sent by the other university)
 - Letter of introduction/recommendation from the previous university
 - Course description, catalogue or syllabus (to include number of hours of teaching, method of assessment and grading system)
 - An official translation of the original documents (in case of non-English documents)
 - Photo-attached personal identification documents e.g. Birth certificate, passport or ID
 - 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:
 - Courses not offered at the University of Registration (applies only for short-term transfers)
 - Illness (to be certified by UDSM medical officer in-charge)
 - Exchange programmes
 - Refugee situation
 - 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 August/September 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\$, -, etc.).

All correspondences should be addressed to:

The Director of Undergraduate Studies,

P. O. Box 35091

Dar es Salaam, Tanzania.

E-mail: dus@admin.udsm.ac.tz

Tel: +255-22-2410544/+255 22 2410545/+255 22 2410513 or +255 22 2410500-9 Ext2019 and 2057

Fax: +255 22 2410078

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.
- 2.2 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.
- 2.3 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 to clear 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 who will not clear any “PEX” or “I” grade at the time of special examinations will be considered to have absconded studies.

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 Examinerstogether 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 in any subject or course shall be determined by the Senate, on the recommendations of the appropriate College, School or academic Institute Board.
- 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 regulation 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 material shall be allowed into the examination room.
- 9.3 Subject to confirmation by Senate, any candidate found guilty of bringing unauthorized material 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 that is generally or specifically prohibited from being brought into the examination room, cellular or mobile

phones, radios, radio cassette or other types of players, computers, soft drinks (except where water is permitted) 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;
 - (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 students and 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 creditweighting 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 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 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.
 - (c) 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 upon 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 date of 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 fees 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.
 - (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 scheduled 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

- (a) All appeals shall be accompanied by an appeal fee charged per decision or subject as the Council may from time to time prescribe.
- (b) The appeal fee shall not be reimbursed.
- (c) 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.
 - (i) Witness and keep close control over final disposal of examination answer books to ensure the confidential nature of contents of answer books remain inviolate.
- 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 examination for Invigilators to check. Students without their ID card shall not be permitted 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.
- (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).

- (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 permitted 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 instructors. 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 cover page 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 smart phones, 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;
 - (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 Examinations 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 hand over all the scripts to the Internal Examiners (or their deputies) that must be present in the 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 of the relevant Department.

23. General Notes and Instructions

- 23.1 Internal Examiners (or their deputies) are required to attend in the examination rooms at 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 facilities for '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 ensuring fairness by setting a test or examination which takes into account the differing capabilities of the calculators.
- 23.3 "Examinations Officer" includes the Examination Officer's deputies.

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 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 by Bankers Cheques payable to the Bursar, University of Dar es Salaam or by other acceptable modes with approval of the Bursar. All payments must be received.

Tuition Fees for Tanzanian and Non-Tanzanian Nationals

Cluster	Tuition fees for Tanzanian Nationals (TZS.)	Tuition fees for full time year for Non- Tanzanian Nationals (USD)	Hosting Academic Unit	Degree/ Programme
1	1,000,000	2,100	CoSS, CoHU, DUCE, MUCE	BA in Heritage Management, Music, Art and Design, Theatre Arts, Film and Television Language Studies, Literature, Philosophy and Ethics, Anthropology, History, Statistics, Psychology, Bachelor of Arts with Education, Bachelor of Education in Arts
			IDS, IKS	Development Studies, Kiswahili
			SoEd	BEd in Adult & Community Education, Commerce, Early Childhood Education, Psychology, Physical Education and Sport.
2	1,100,000	2,700	CoET	BSc in Geomatics, Quantity Surveying
3	1,300,000	2,700	CoSS, Library, CoHU	BA in Archaeology, Geography and Environmental Studies, Economics, Political Science and Public Administration, Sociology, Economics & Statistics, Bachelor of Social Work, BA Library and Information Studies
			SJMC	BA in Journalism, Mass Communication, Public Relations and Advertising
			SoEd, DUCE, MUCE	Bachelor of Education (BEed) in Science, BSc with Education
			UDBS	BCommerce (except Accounting)
			CoET	All programmes (except Geomatics and Quantity Surveying)
			CoNAS	All programmes
			IMS, SoHS	B.Sc. Marine Sciences, B.Sc. Biomedical Engineering
			CoAF	All Programmes
			UDSoL	BA in Law Enforcement
4	1,500,000	3,500	UDBS	BCommerce (Accounting)
			UDSoL	LLB
			CoICT	BSc in Electronic Science and Communication, BSc in Computer Science, BSc in Computer Engineering and Information Technology, and BSc in Telecommunication Engineering, B.Sc. with Computer Science
5	1,800,000	5,672	SoHS	Doctor of Medicine

Key to Abbreviations used in this booklet

CoSS	College of Social Sciences
CoHU	College of Humanities
SJMC	School of Journalism and Mass Communication
UDBS	University of Dar es Salaam Business School

SoED	School of Education
CoET	College of Engineering and Technology
UDSoL	University of Dar es Salaam School of Law
SoHS	School of Health Sciences
CoAF	College of Agricultural Sciences and Fisheries 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
IDS	Institute of Development Studies
Library	Dr. Wilbert Chagula University Library
DUCE	Dar es Salaam University College of Education

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*	1,190,000
Total	1,390,000

*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				
AQ 218	1 week	Various	January	Field Course
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
GY 265	4 weeks	Various	June	
GY 355	4 weeks	Various	June	
GY 485	4 weeks	Various	June	
MC 2 nd 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	
College of Information and Communication Technologies				
ES 140	*8 weeks	Various	June	
ES240	*8 weeks	DSM	December	Dissertation
ES 335	Throughout	Various	June	
IS 1 st Yr	*8 weeks	Various	June	
IS2 nd Yr				
IS 335	Throughout	D SM	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
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 Fisheries 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 2 nd Yr	*8 weeks	Various	June	Field Report
AQ 200	*8 weeks	Various	June	Field Report
AQ 300	*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	

Code	Duration	Location	Timing	Remarks
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
AQ 399	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

University of Dar es Salaam School of Law

LW 305	*8 weeks	Various	January	Dissertation
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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

University of Dar es Salaam Business School

**BM 333	* 8 weeks	Various	PT Session	
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College of Social Sciences

EC 374	3 weeks	DSM	January	Dissertation
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

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

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) Radius/Nuts Template Geometry Set Workshop Overalls Workshop Boots
SoED	CT 200	Teaching and Learning Aids Manila Papers (A1) Transparencies, Felt Pens, Marker Pens, Office Glue, Cello t ape, Blank Audio Cassettes, Plywood/Ceiling Boards Wood Glue, N ails, Paint, Abrasive Paper, Brush, Softwood, Electric Cable, Connecting Clips
	PE 10 2	Track Suit, Shorts, T-Shirt s, Soccer Boots, Swim mi ng 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

College/School	Programme	Items
CoNAS	BSc (Gen)1	Laboratory Coat,Gloves, Dissecting Kit, Protective Eyeglasses, Mouth Mask
	BSc (Gen)2	Gloves, Mouth Mask
	BSc (Gen)3	Gloves, Mouth Mask
	BScEd1	Laboratory Coat,Gloves, Dissecting Kit, Protective Eyeglasses, Mouth Mask
	BScEd2	Gloves, Mouth Mask
	BScEd3	Gloves, Mouth Mask
	BScEd4	Gloves, Mouth Mask
	BSc (Geol.)1	Laboratory Coat, Gloves Protective Eyeglasses Drawing Set, Gum Boots, Field Boots, Raincoat
	BSc (Geol.)2	Gloves, Mouth Mask
	BSc (Geol.)3	Gloves, Mouth Mask
	BSc (Elect) 1	Tem plate S et
	BSc (Elect) 2	Laboratory Coat Electronic Tool Kit
	BSc .(Elect) 3	Electronic Tool Kit
	BSc .(Ge n)2	Laboratory Coat, Electronic Component Kit
	BSc .(A Q)	Glove s
	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
	B.S c.(Gen) 3	Electronic component Kit
	BSc (MB) 2	Gum boots, Swimming costume, Gloves
	BSc (MB) 3s	Glove
	BSc (WE) 2	Gum boots,Rubber shoes, Rain coat, Glove s
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, 30 5 and PE 4 th Year, Special School Requirements acquired in the 1 st Year should be used in subsequent years.		
For students in CoNAS, non –consumable items acquired in the 1 st 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

College/School	Programme	Items
SoED	CT 200	Teaching and learning aids, Manila papers (A1), 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.) 1 st and 2 nd Year	Laboratory coat, Gloves, Dissecting kit, Protective Eye Glasses, Mouth Mask
CoAF	BSc AQ 1 st Year	Laboratory Coat, Gloves Dissecting Kit, Protective Eyeglasses, Mouth Mask, Snorkel and Mask, Rubber Shoes, Rain coat
	BSc AQ 2 nd	Gloves, Mouth Mask
	BSc FST 1 st Year	Laboratory Coats, Laboratory Gloves (box), Protective eye glasses, Mouth masks
	BSc FST 3 rd Year	Laboratory Coats, Laboratory Gloves (box), Protective eye glasses, Mouth masks
	BSc BST 1 st Year	Bee Overall, Bee Gloves, Bee veil + hat, Gum Boots, Laboratory Coat, Laboratory Gloves (box), Mouth masks
	BSc BST 2 nd	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
SoHS	MD Programme 1 st year	Laboratory white coat, Gloves, Anatomical Models, Preserved Human Cadavers, Audiovisual Insituments, Stethoscope, Face Masks, Dissection Kits, Surgical Blades
Note: PE 203, PE 305 and PE 4 th Year Special School Requirements acquired in the first year should be used in subsequent years		

Key:

- CoAF - College of Agricultural Sciences and Fisheries 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
- CoAF - College of Agricultural Sciences and Fisheries Technology
- SoHS - School of Health Sciences
- IMS - Institute of Marine Sciences

COLLEGE REGULATIONS GOVERNING AWARD OF UNDERGRADUATE DEGREES, PROGRAMMES AND COURSES OFFERED BY COLLEGES

COLLEGE OF AGRICULTURAL SCIENCES AND FISHERIES TECHNOLOGY (CoAF)

INTRODUCTION

The College of Agricultural Sciences and Fisheries Technology (CoAF) comprises five departments, namely: Aquatic Sciences and Fisheries Technology, 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 Aquatic Sciences and Fisheries (BScASF)
- (ii) Bachelor of Science in Beekeeping Science and Technology (BScBST)
- (iii) Bachelor of Science in Agricultural and Natural Resources Economics and Business (BScANEB)

The College also offers the following four-year undergraduate degree programmes:

- (i) Bachelor of Science in Agricultural Engineering and Mechanization (BScAEM)
- (ii) Bachelor of Science in Food Science and Technology (BScFST)

Furthermore the College offers Aquatic Science as a Major subject in the BSc General programme hosted in the College of Natural and Applied Sciences (CoNAS). The recommended major subject combinations are:

- (i) Aquatic Science with Applied Microbiology
- (ii) Aquatic Science with Chemistry

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 optional courses. Each course is given a credit weighting according to the time devoted to it according to the Tanzania Commission for Universities guidelines. One credit equates to learning outcomes achieved in 10 hours of learning, which includes such activities 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-disciplinary 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 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, BSc AEM and BSc.AMC). 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 Agricultural Sciences and Fisheries Technology as transfer students in accordance with UDSM regulations on students' credit transfer.
- 8 The regulations governing the Aquatic Science Major of the BSc General programme are provided under the CoNAS regulations.

Examination Regulations

- 9 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.
- 10 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.

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

11.1 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

11.2 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.

12 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 optional 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

13 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

14 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

15 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.

16 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.

17 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.

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

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

20 All courses offered in the first and second year shall be compulsory in BSc AEM Supplementary Examination 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).

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, he/she shall be discontinued from studies.

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

- 24 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.
- 25 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.
- 26 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.
- 27 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.
- 28 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.
- 29 Normally, special examinations will be given at the time of supplementary examinations.
- 30 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.
- 31 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.
- 32 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.
- 33 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.
- 34 All courses taken by a student shall be entered in the transcript.
- 35 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, 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:

- (i) To expose students to the various research and/or production activities being carried out in different parts of the country;
- (ii) To enable the 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; and
- (v) To 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 ASF, BSc FST, BSc ANEB, BSc CST, BSc CPT and BSc AMC will be based on the following four 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 log-book: 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%-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.
- 4 PT assessment for BSc AEM will be based on the following four items:
 - (a) Employers assessment (5%);(b) Supervisor 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).To start with, 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 log-book 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 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 assessment shall be completed before the end of the first semester.

DEPARTMENT OF AQUATIC SCIENCES AND FISHERIES TECHNOLOGY

Bachelor of Science General-Aquatic Sciences (BScAQs)

Code	Course Title	Credits	Semester	Core/Option
First Year				
AQ 120	Ecology of Lakes and Rivers	12	1	Core
AQ 123	Swimming and Survival in Water	-	2	Core
AQ 124	Marine Benthic Ecology	8	2	Core
AQ 121	Introduction to Fisheries Science and Technology	8	1	Core
CL 107	Communication Skills for Sciences Students	12	1	Option
WS 101	Ecology and Utilization of Natural Resources	8	2	Option
BL 111	Introductory Cell Biology and Genetics	12	1	Core
AQ 122	Introduction to Aquaculture	8	2	Core
Second Year				
AQ 200	Practical Training I	8	1	Core
AQ 224	Plankton Systematics and Ecology	12	2	Core
AQ 231	Marine Biogeochemistry	8	1	Core
AQ 232	Fish Population Dynamics and Stock Assessment	12	1	Core
AQ 234	Mangrove, Sea grass and Seaweed Ecology	12	1	Core
AQ 221	Estuarine and Wetland Ecology	12	2	Option
AQ 233	Physical and Geological Processes in the Oceans	8	2	Option
Third Year				
AQ 235	Coral Reef Ecosystem	8	2	Core
AQ 307	Law of the Sea and Inland Waters	8	2	Core
AQ 320	Watershed Management	8	1	Core
AQ 342	Fisheries Resource Management	12	2	Core
AQ 348	Aquatic Pollution and Control	8	1	Core
AQ 347	Aqua business	12	1	Option

Code	Course Title	Credits	Semester	Core/Option
AQ 399	Research Project	12	1	Option
BL 314	Biostatistics II	8	2	Option

Bachelor of Science in Aquatic Sciences and Fisheries (BScASF)

Code	Course Title	Credits	Semester	Core/Option
First Year				
AQ 120	Ecology of Lakes and Rivers	12	1	Core
AQ 121	Introduction to Fisheries Science and Technology	8	1	Core
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
BL 111	Introductory Cell Biology and Genetics	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	2	Core
ZL 121	Invertebrate Zoology	8	1	Core
ZL 122	Chordate Zoology	8	2	Core
MC 100	Fundamentals of Microbiology	12	1	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
DS 101	Perspectives of Development I	8	1	Core
DS 102	Perspectives of Development II	8	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Option
CL 107	Communication Skills for Science Students	12	1	Option
WS 101	Ecology and Utilisation of Natural Resources	8	2	Option
Second Year				
AQ 200	Practical Training I	8	1	Core
AQ 221	Estuarine and Wetland Ecology	12	2	Core
AQ 224	Plankton Systematics and Ecology	12	2	Core
AQ 231	Marine Biogeochemistry	8	1	Core
AQ 232	Fish Population Dynamics and Stock Assessment	12	1	Core
AQ 233	Physical and Geological Processes in the Oceans	8	2	Core
AQ 234	Mangrove, Seagrass and Seaweed Ecology	12	1	Core
AQ 235	Coral Reef Ecosystem	8	2	Core
AQ 236	Fish Taxonomy and Biology	12	1	Core
AQ 237	Fish Ecology	8	2	Core
EV 200	Environmental Science	8	1	Core
BL 234	Biostatistics I	12	2	Core
AQ 239	Biology and Ecology of Shellfish	8	2	Option
GY 245	Remote Sensing and GIS	12	2	Option
SC 215	Scientific Methods	8	2	Option
Third Year				
AQ 300	Practical Training II	8	1	Core
AQ 307	Law of the Sea and Inland Waters	8	2	Core
AQ 320	Watershed Management	8	1	Core
AQ 399	Aquaculture Production Systems	12	11	Core
AQ 340	Genetics, Breeding and Seed Production	12	11	
AQ 341	Feed Production Technology	8	2	Core
AQ 342	Fisheries Resource Management	12	2	Core
AQ 344	Fisheries Extension Education	8	2	Core
AQ 345	Diseases of Fish	8	1	Core
AQ 346	Fisheries Economics	8	2	Core
AQ 347	Aquabusiness	12	1	Core
AQ 348	Aquatic Pollution and Control	8	1	Core
AQ 399	Research Project	12	1	Core
AQ 331	Contemporary Topics in World Fisheries and Aquatic Sciences	8	2	Option

Code	Course Title	Credits	Semester	Core/Option
AQ 343	Fish Processing Technology	12	1	Option
AQ 349	Advanced Oceanography	12	1	Option
MC 209	Water Microbiology	12	1	Option
BL 314	Biostatistics II	8	2	Option
WS 311	Tourism and Recreational Management	8	2	Option

DEPARTMENT OF CROP SCIENCES AND BEEKEEPING TECHNOLOGY

Bachelor of Science in Beekeeping Science and Technology (BScBST)

Code	Course Title	Credits	Semester	Core/Option
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 101	Development perspectives I	8	1	Core
DS 102	Development Perspectives II	8	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	Option
BL 113	Ecology I	8	2	Option
CH118	Basic Analytical and Physical Chemistry	12	1	Option
CL 107	Communication skills for Science Students	12	2	Option
WS 101	Ecology and Utilisation of Natural Resource	8	2	Option
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	Option
BT 217	Plant Genetics and Evolution	8	2	Option
BL 207	Immunology	8	1	Option
EV 200	Environmental Science I	8	1	Option
FS 202	Advanced Food Microbiology	12	2	Option
GY 245	Remote Sensing and GIS	12	2	Option
SC 215	Scientific Methods	8	1	Option
Third Year				
AP 300	Practical Training II	8	1	Core
AP 301	Bee Products, Processing Technologies and Value Addition	12	1	Core
AP 302	Honeybee Genetics and Breeding	12	1	Core
AP 303	Legal and Policy Framework in Apiculture	12	2	Core

Code	Course Title	Credits	Semester	Core/Option
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	Environment Conservation, and Fire Ecology	12	2	Core
FS 309	Functional Foods and Nutraceuticals	12	2	Core
BL 314	Biostatistics II	8	1	Option
WS 311	Tourism and Recreational Management	8	2	Option
ZL 333	Insect Ecology	12	1	Option
ZL 334	Insect Systematics	12	2	Option
ZL 336	Entomology	12	1	Option

DEPARTMENT OF AGRICULTURAL ECONOMICS AND BUSINESS

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

Code	Course Title	Credits	Semester	Core/Option
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 101	Development Perspectives I	8	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 102	Development Perspectives II	8	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
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

Code	Course Title	Credits	Semester	Core/Option
EC 366	Contemporary issues in Economic Development	12	2	Core
EB 309	Environmental Economics	12	2	Core
EC 382	Public Sector Economics II	12	2	Core

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

Bachelor of Science in Food Science and Technology (BScFST)

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS101	Perspectives of Development I	8	1	Core
DS102	Perspectives of Development II	8	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
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	Option
CL107	Communication skills for Science students	12	2	Option
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	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	8	1	Core
FS204	Food Toxicology	8	1	Option
MC209	Water Microbiology	12	2	Option
Third Year				
FS300	Food Processing and Preservation	12	1	Core
FS 301	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
CP 372	Fermentation technology	12	1	Core
FS 301	Food Analysis and Sensory Evaluation	12	2	Core
FS306	Industrial training II	8	2	Core
FS308	Postharvest technology I	12	2	Core
FS310	Practicals in Food Processing and Preservation	8	2	Core
BN307	Biosafety, Bioethics and Biopolicy	12	2	Core
FS311	Food Additives	8	2	Core
FS307	Sugar technology	8	1	Option

Code	Course Title	Credits	Semester	Core/Option
AP301	Bee Products, Processing Technologies and Value Addition	12	1	Option
FS309	Functional Foods and Nutraceuticals	12	2	Option
Fourth Year				
FS400	Food Packaging	12	1	Core
FS401	Extrusion technology	12	1	Core
FS 402	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
FS402	Post-harvest technology II	12	2	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	Option
FS411	Animal Feed technology	12	1	Option
FS405	Beverage technology	12	2	Option

DEPARTMENT OF AGRICULTURAL ENGINEERING

Bachelor of Science in Agricultural Engineering and Mechanisation

Code	Course Title	Credits	Semester	Core/Option
First Year				
MT 161	Matrices and Basic Calculus for Non-majors	12	1	Core
AM 111	Workshop Training I	4	1	Core
ME 101	Engineering Drawing	8	1	Core
SC 121	Statistics	12	1	Core
EE 151	Fundamentals of Electrical Engineering I	8	1	Core
DS 101	Development Perspectives I	8	1	Core
CL 111	Communication Skills for Engineers I	12	1	Core
EE171	Introduction to Computers and Programming for Engineers	8	1	Core
MT 171	One Variable Calculus and Differential Equations for Non-majors	12	2	Core
AM 112	Workshop Training II	4	2	Core
DS 102	Development Perspectives II	8	2	Core
ME 106	Strength of Materials I	8	2	Core
AM 101	Introduction to Agricultural Engineering	8	2	Core
ME 103	Computer Aided Drafting	8	2	Core
EE 152	Fundamentals of Electrical Engineering II	8	2	Core
EE 131	Fundamentals of Electronics for Engineers	12	2	Core
Second Year				
AM 200	Practical Training I	8	1	Core
MT 261	Several Variable Calculus for Non-majors	12	1	Core
ME 206	Strength of Materials II	12	1	Core
WR 211	Fluid Mechanics	12	1	Core
AM 201	Materials Technology for Agriculture Engineering	8	1	Core
ME 208	Dynamics	8	2	Core
ME 201	Design Methodology	12	1	Core
TR 111	Engineering Surveying I	12	1	Core
WR 212	Open Channels Hydraulics	8	2	Core
AM 202	Principles of Agronomy	12	2	Core
WR 213	Hydraulics Practical	8	2	Core

Code	Course Title	Credits	Semester	Core/Option
ME 226	Thermodynamics	12	2	Core
MT 271	Statistics for Non-Majors	12	2	Core
TR 112	Engineering Surveying II	12	2	Core
AM 203	Fundamentals of Soil Science	8	1	Core
Third Year				
AM 300	Practical Training II	8	2	Core
AM 301	Engineering Properties of Biological Materials	8	1	Core
WR 321	Engineering Hydrology	12	1	Core
AM 302	Mechatronics	8	1	Core
ME 303	Computer Aided Design	8	1	Core
AM 303	Agricultural Machinery and Equipment	12	1	Core
AM 304	Agricultural Machine Elements	12	1	Core
ME 308	Mechanical Vibration Analysis	8	1	Option
AM 305	Design of Irrigation Systems	8	1	Option
AM 306	Crop Science and Management	8	1	Option
AM 307	Manufacturing Technology for Agricultural Engineers	12	2	Core
IE 399	Research Methods for Engineers	8	2	Core
AM 308	Design of Agro-Processing Machinery	8	2	Core
AM 309	Agricultural Engineering Design Project	8	2	Core
AM 310	Electrical Power Systems and Machines for Non-majors	12	2	Core
ME 325	Turbo-machinery	8	2	Core
ME 329	Internal Combustion Engines	8	2	Core
ME 322	Renewable Energy Technologies	12	2	Option
AM 311	Agricultural Machinery Management	12	2	Option
AM 312	Agricultural Resource Management	12	2	Option
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
IE 340	Engineering Operations Management	12	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	Option
AM 405	Environmental Conservation in Agriculture	8	1	Option
IE 354	Engineering Project Management	12	1	Option
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
SC 430	General Engineering Procedures and Ethics	12	2	Core
AM 410	Aquaculture Engineering	8	2	Core
ME 426	Refrigeration and Air Conditioning	8	2	Core
AM 499	Final Project II	12	2	Core
AM 411	Design of Small Dams	8	2	Option
IE 445	Entrepreneurship for Engineers	12	2	Option
AM 412	Financial and Human Resource Management	8	2	Option

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INTRODUCTION

The College of Engineering and Technology (CoET) comprises of six academic departments, namely: Chemical and Mining Engineering (CME), 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 Metallurgy and Mineral Processing Engineering (BScMMPE)
- (vi) Bachelor of Science in Mining Engineering (BScMNTechE)
- (vii) Bachelor of Science in Industrial Engineering (BScIE)
- (viii) Bachelor of Science in Textile Design and Technology (BScTXD)
- (ix) Bachelor of Science in Textile Engineering (BScTXE)
- (x) Bachelor of Science in Petroleum Engineering (BScPE)
- (xi) Bachelor of Architecture (BArch)
- (xii) Bachelor of Science in Quantity Surveying (BScQS)
- (xiii) 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, Laboratory oratories 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
MN	-	Mining Engineering
MP	-	Metallurgy and Mineral Processing Engineering
MT	-	Mathematics (for non-majors)
OG	-	Petroleum Engineering (Oil and Gas)
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	Core/Option
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
DS 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	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

WATER RESOURCES ENGINEERING (WRE) AND TRANSPORTATION AND GEOTECHNICAL ENGINEERING (TGE)

Bachelor of Science in Civil Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
CL111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computers and Programming for Engineers	8E	1	Core
DS 101	Development Perspectives I	8E	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 102	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
TR 321	Highway Route and Geometric Design	12E	1	Core
	<i>Electives (Minimum)</i>	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	
	<i>Electives (Minimum)</i>	8E	2	

Code	Course Title	Credits	Semester	Core/Option
<i>Elective Courses</i>				
SC 321	Dynamics of Structures	8E	1	
TR 311	GIS Applications in Civil Engineering	8E	1	
TR 325	Airport, Harbour and Railway Engineering	12E	1	
TR 326	Labour Based Road Engineering	12E	2	
WR 322	Rivers and Reservoirs Engineering	8E	2	
WR 325	Irrigation and Drainage Engineering	12E	2	

Fourth Year

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
	<i>Electives (Minimum)</i>	24E	1	
SC 432	Civil Engineering Procedures & Ethics	8E	2	Core
WR 442	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
	<i>Electives (Minimum)</i>	16E	2	

Elective Courses

SC 402	Maintenance and Rehabilitation of Constructed Facilities	8E	1	
SC 422	Numerical Methods in Structural Engineering	8E	1	
SC 442	Fundamentals of Pre-stressed Concrete	8E	2	
SC 472	Design of Bridges	8E	1	
TR 431	Machine Foundations	8E	2	
TR 421	Transportation Economics	8E	2	
WR 423	Applied Hydrogeology	8E	2	
WR 460	Management of Solid and Hazardous Waste	12E	1	
SC 420	Management of Construction Projects	12E	1	
WR 470	Environmental Impact Assessment	8E	2	

Bachelor of Architecture

Code	Course Title	Credits	Semester	Core/Option
First Year				
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 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	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

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

Code	Course Title	Credits	Semester	Core/Option
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				
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
***	<i>Electives I</i>	12	1	<i>Option</i>
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
***	<i>Electives II</i>	12	2	<i>Option</i>
<i>Third Year Elective Courses</i>				
WR460	Management of Solid and Hazardous Waste	12E	1	Option
SC 420	Management of Construction Projects	12E	1	Option
SC 402	Maintenance and Rehabilitation of Constructed Facilities	12E	1	Option
AR447	Architectural Science	12E	1	Option
ME 201	Design Methodology	12E	1	Option
ME 206	Strength of Materials II	12E	2	Option
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
***	<i>Electives III</i>	12	1	<i>Option</i>
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
***	<i>Electives IV</i>	12	2	<i>Option</i>
<i>Fourth Year Elective Courses</i>				
AR 465	Urban Development and Housing	12E		Option
AR 467	Basics of Interior Design	12E		Option
AR 466	Basics of Landscape Design	12E		Option
AR 488	Design for Emerging Technologies	12E		Option
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

Code	Course Title	Credits	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
DS 101	Development Perspectives I	8E	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
EC 116	Introduction to Micro-Economics I	8E	1	Core
DS 102	Development Perspectives II	8E	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
***	<i>Elective I</i>	<i>8E</i>	<i>1</i>	<i>Option</i>
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
***	<i>Elective II</i>	<i>8E</i>	<i>2</i>	<i>Option</i>
<i>Third Year Elective Courses</i>				
QS 361	Value management	8E	1	Option
QS 366	Structural and Condition Surveys	8E	1	Option
QS 364	Property Development	8E	2	Option
QS 362	Maintenance Management and Technology	8E	2	Option

Code	Course Title	Credits	Semester	Core/Option
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
***	<i>Elective III</i>	8E	1	Option
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
***	<i>Elective IV</i>	8E	2	Option

Fourth Year Elective Courses

QS 363	Human Resource Management	8E	1	Option
QS 367	Public Finance and Taxation	8E	1	Option
QS 368	Real Estate Market Analysis	8E	2	Option
QS 365	Control and Regulation of Buildings	8E	2	Option

Bachelor of Science in Geomatics

Code	Course Title	Credits	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
DS 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	2	Core
GT 112	Topographic Surveying	8E	2	Core
GT 113	Fundamentals of Electronics	12E	2	Core
GT 156	Introduction to Photogrammetry	12E	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
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 241	Project I: Cadastral Surveying	8	2	Core
LW 207	Land Law II	12E	2	Core
GT 100	Practical Training I	8	2	Core
Third Year				
GE 353	Geographical Information Systems (GIS)	12E	1	Core
GT 342	Geometrical Geodesy	8E	1	Core
GT 351	Space Geodetic Techniques	8E	1	Core

Code	Course Title	Credits	Semester	Core/Option
GT 355	Satellite Surveying	12E	1	Core
GT 362	Numerical Methods	8E	1	Core
GT 382	Project II: Control Surveying	12	1	Core
***	<i>Elective I</i>	<i>8E</i>	<i>1</i>	<i>Option</i>
GT 324	Mine Surveying	12E	2	Core
GT 333	Applied Adjustment Theory	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 200	Practical Training II	8	2	Core
***	<i>Elective II</i>	<i>8E</i>	<i>2</i>	<i>Option</i>
<i>Third Year Elective Courses</i>				
TR 311	GIS Applications in Civil Engineering	8E	1	Option
TR 321	Highway Route and Geometric Design	12E	1	Option
SC 312	Research Methodology for Civil Engineers	8E	2	Option
WR 322	Rivers and Reservoirs Engineering	8E	2	Option
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
***	<i>Elective III</i>	<i>8E</i>	<i>1</i>	<i>Option</i>
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
***	<i>Elective IV</i>	<i>8E</i>	<i>2</i>	<i>Option</i>
<i>Fourth Year Elective Courses</i>				
IE 441	Human Resource Management for Engineers	8E	1	Option
SC 401	Construction Techniques and Site Organization	8E	1	Option
SC 432	Civil Engineering Procedures and Ethics	8E	2	Option
WR 470	Environmental Impact Assessment	8E	2	Option

DEPARTMENT OF ELECTRICAL ENGINEERING

Bachelor of Science in Electrical Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
DS 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	2	Core
EE 112	Workshop Training II	4E	2	Core

Code	Course Title	Credits	Semester	Core/Option
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
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	
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
	<i>Elective (Minimum 3.0 Units)</i>	<i>12E</i>	<i>1</i>	
EE 312	Electrical Machines II	12E	2	Core
EE 314	Power Electronics II	8E	2	
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
	<i>Elective (Minimum 3.0 Units)</i>	<i>12E</i>	<i>2</i>	
<i>Elective courses for Third year of study</i>				
EE324	HVDC Transmission	12E	1	
TE 311	Introduction to Analogue Telecommunication I	12E	1	
CS 353	Microcomputer Systems I	10E	1	
ME 322	Renewable Energy Technologies	12E	2	
TE 312	Introduction to Analogue Telecommunication II	12E	2	
CS 354	Microcomputer Systems II	10E	2	
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
	<i>Elective (Minimum 3.0 Units)</i>	<i>12E</i>	<i>1</i>	
SC 430	General Engineering Procedures and Ethics	12E	2	Core
EE 423	Switchgear and Protection Engineering	12E	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core

Code	Course Title	Credits	Semester	Core/Option
EE 499	Final Project II	12	2	Core
EE 300	Practical Training III	8.0	2	Core
	<i>Elective (Minimum 3.0 Units)</i>	12E	2	
<i>Elective courses for Fourth year of study</i>				
IE 440	Engineering Economics	8E	1	
IE 441	Human Resources Management for Engineers	8E	1	
CS 452	Microcomputer systems III	8E	1	
EE 415	Variable Speed Drives	12E	1	
EE 416	Solid State Applications in Power Systems	12E	2	
EE 414	Special Electrical Machines	12E	2	

DEPARTMENT OF CHEMICAL AND MINING ENGINEERING

Bachelor of Science in Chemical and Process Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
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 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	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				
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
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
	<i>Elective I (minimum)</i>	12	1	
CP 350	Chemical Engineering Laboratory II	8.0E	1	Core

Code	Course Title	Credits	Semester	Core/Option
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
	<i>Elective II (minimum)</i>	12	2	

Third Year Elective Courses

CP 371	Plastic Technology	12E	1	
CP 379	Fermentation Technology and its Applications	12E	1	
CP 374	Design of Experiments	12	1	
CP 375	Process Plant Technologies	12	2	
CP 376	Pulp and Paper Technology	12	2	

Fourth Year

CP 432	Unit Operations II	12E	1	Core
CP 425	Plant Design and Economics	12	1	Core
	<i>Elective I (minimum)</i>	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
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
	<i>Elective II (minimum)</i>	12	2	

Fourth Year Elective Courses

CP 472	Introduction to Industrial Ecology	12E	2	
CP 473	Risk Assessment and Management	12E	2	
CP 479	Engineering Properties of Foods and Packaging Materials	12E	2	

Bachelor of Science in Metallurgy and Mineral Processing Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	12E	1	Core
EE 171	Introduction to Computer and Programming for Engineers	8E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 101	Development Perspectives I	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
MP 111	Workshop Training I	4E	1	Core
MN 102	Introduction to Mining	8E	2	Core
MP 112	Workshop Training II	4E	2	Core
DS 102	Development Perspectives II	8E	2	Core
MP 131	Mineral Processing I	8E	2	Core
MT 171	One Variable Calculus and Differential Equations for Non-Majors	12E	2	Core
ME 106	Strength of Materials I	8E	2	Core
ME 103	Computer Aided Drafting	8	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

Code	Course Title	Credits	Semester	Core/Option
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	
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
***	<i>Electives I</i>	12	1	
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
***	<i>Electives II</i>	12	2	
<i>Third Year Elective Courses</i>				
MP 375	Gemology	8E	1	Option
MP 377	Engineering Skills in Mining	8	1	Option
MN 380	Operations research in Mining	12E	1	Option
MN 327	Coal Mining	8E	1	Option
MN 372	Introduction to Oil and Gas Mining	8	1	Option
MN 377	Small-Scale Mining Techniques	12	1	Option
ME 201	Design Methodology	8E	2	Option
ME 206	Strength of Materials II	12E	2	Option
ME 207	Mechanics of Machines	8E	2	Option
ME 208	Dynamics	8E	2	Option
CP 325	Process Plant Equipment	12E	2	Option
CP 374	Design of Experiments	12	2	Option
Others	Any 300 series courses in CoET, Any 300 series course in Geology			
Fourth Year				
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
***	<i>Electives I</i>	12	1	
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
***	<i>Electives II</i>	12	2	
<i>Fourth Year Elective Courses</i>				
MP 474	Health and Safety in Mineral Processing	8E	1	Option
MP 476	Extractive Metallurgy of Gold	12E	1	Option
MP 478	Gas Conditioning and Processing	12E	1	Option

Code	Course Title	Credits	Semester	Core/Option
MP 479	Uranium Processing	8E	1	Option
MN 478	Computer Simulation of Mining Systems	12	1	Option
ME 201	Design Methodology	12E	2	Option
ME 206	Strength of Materials II	12E	2	Option
ME 207	Mechanics of Machines	8E	2	Option
ME 208	Dynamics	8E	2	Option
GY 402	Industrial Mineral and Rocks	12E	2	Option
CP 426	Process Dynamics and Control	12	2	Option
Others	Any 400 series courses in CoET Any 400 series course in Geology			

Bachelor of Science in Mining Engineering

Code	Course Title	Credits	Semester	Core/Option
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 101	Development Perspectives I	8	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-Majors	12E	1	Core
SC 121	Statics	12E	1	Core
MN 112	Workshop Training II	4	2	Core
DS 102	Development Perspectives II	8E	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
***	<i>Electives I</i>	12	1	Option
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

Code	Course Title	Credits	Semester	Core/Option
MN 200	Practical Training II	8	2	Core
***	<i>Electives II</i>	12	2	Option
<i>Third Year Elective Courses</i>				
MP 375	Gemology	8E	1	Option
MP 377	Engineering Skills in Mining	8	1	Option
MN 372	Introduction to Oil and Gas Mining	8	1	Option
MN 377	Small-Scale Mining Techniques	12	1	Option
ME 201	Design Methodology	12E	1	Option
ME 206	Strength of Materials II	12E	2	Option
ME 207	Mechanics of Machines	8E	2	Option
ME 208	Dynamics	8E	2	Option
CP 325	Process Plant Equipment	12E	2	Option
CP 374	Design of Experiments	12	2	Option
Others	Any 300 series courses in CoET			Option
	Any 300 series course in Geology			Option

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
***	<i>Electives I</i>	12	1	Option
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
***	<i>Electives II</i>	12	2	Option
<i>Fourth Year Elective Courses</i>				
MP 474	Health and Safety in Mineral Processing	8E	1	Option
MP 476	Extractive Metallurgy of Gold	12E	1	Option
MP 478	Gas Conditioning and Processing	12E	1	Option
MP 479	Uranium Processing	8E	1	Option
MN 475	Mining Machines and Equipment	12	2	Option
MN 478	Computer Simulation of Mining Systems	12	2	Option
GY 402	Industrial Mineral and Rocks	8E	2	Option
CP 426	Process Dynamics and Control	12	2	Option
Others	Any 400 series courses in CoET			
	Any 400 series course in Geology			

Bachelor of Science in Petroleum Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
MT 161	Matrices and Basic Calculus for Non-Majors	12E	1	Core
OG 111	Workshop Training I	4E	1	Core
CL 111	Communication Skills for Engineers	12E	1	Core
EE 151	Fundamentals of Electrical Engineering I	8E	1	Core
DS 101	Development Perspectives I	8E	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 102	Development Perspectives II	8E	2	Core
OG 112	Workshop Training II	4E	2	Core
ME 106	Strength of Materials I	8E	2	Core

Code	Course Title	Credits	Semester	Core/Option
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
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
	<i>Electives I (12 credits minimum)</i>			
OG 330	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
<i>Third Year Elective Courses</i>				
CP 340	Heat and Mass Transfer	12E		Optional
OG 373	Offshore Operations	12E		Optional
OG 374	Petroleum Engineering Thermodynamics	12E		Optional
OG 371	Petroleum Engineering Numerical Methods	12E		Optional
OG 370	Geostatistics for Petroleum Engineering	12E		Optional
CH 357	Fuel Chemistry and Technology	8E		Optional
GY 330	Petroleum Geology II	12E		Optional
	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
	<i>Electives I (12 credits minimum)</i>			
OG 499	Final Project II	12	2	Core
IE 445	Entrepreneurship for Engineers	12E	2	Core
OG 300	Practical training III	8	2	Core
	<i>Electives II (12 credits minimum)</i>			
<i>Fourth Year Elective Courses</i>				
CP 471	Introduction to Industrial Ecology	12E		Optional
CP 473	Risk Assessment and Management	12E		Optional
OG 476	Petroleum Transport and Marketing	12E		Optional

Code	Course Title	Credits	Semester	Core/Option
OG 477	Petroleum Refining Techniques	12E		Optional
OG 478	Well Logging, Analysis and Formation Evaluation	12E		Optional

DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING

Bachelor of Science in Mechanical Engineering

Code	Course Title	Credits	Semester	Core/Option
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 101	Development Perspectives I	8.0E	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 102	Development Perspectives II	8.0E	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
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
	<i>Electives (minimum)</i>	<i>12</i>	<i>1</i>	<i>Optional</i>
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
	<i>Electives (minimum)</i>	<i>12</i>	<i>2</i>	<i>Optional</i>
<i>Third Year Elective Courses</i>				
ME 306	Solid Mechanics	12E	1	Optional
ME 308	Mechanical Vibration Analysis	8.0E	1	Optional

Code	Course Title	Credits	Semester	Core/Option
ME 317	Welding Metallurgy	8.0E	1	Optional
ME 322	Renewable Energy Technology	12E	2	Optional
ME 327	Industrial Energy Management	12E	2	Optional

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
	<i>Electives (minimum)</i>	<i>12</i>	<i>1</i>	<i>Optional</i>
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
	<i>Electives (minimum)</i>	<i>12</i>	<i>2</i>	<i>Optional</i>

Fourth Year Elective Courses

ME 426	Refrigeration and Air-conditioning	8.0E	1	Optional
ME 425	Power Plants	12E	1	Optional
IE 442	Operations Research	8.0E	1	Optional
ME 417	Introduction to Polymer and Composite Materials	8.0E	2	Optional
ME 429	Automotive Engineering	12E	2	Optional
IE 441	Human Resources Management for Engineers	8.0E	2	Optional
IE 446	Innovation Management	8.0E	2	Optional

Bachelor of Science in Industrial Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
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 101	Development Perspectives I	8.0E	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 102	Development Perspectives II	8.0E	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

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
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

Code	Course Title	Credits	Semester	Core/Option
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	
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
	<i>Electives (minimum)</i>	12	1	Optional
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	
	<i>Electives (minimum)</i>	12	2	Optional
<i>Electives</i>				
IE 366	Queuing Theory	8.0E	1	Optional
IE 350	Industrial Environmental Management	8.0E	1	Optional
ME 332	Manufacturing Technology II	12E	1	Optional
IE 344	Introduction to Strategic Management	8.0E	2	Optional
ME 322	Renewable Energy Technology	12E	2	Optional
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
	<i>Electives</i>	12	1	Optional
SC 430	General Engineering Procedures and Ethics	12E	2	Core
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	
	<i>Electives (Minimum)</i>	12	2	Optional
<i>Electives</i>				
IE 441	Human Resource Management for Engineers	8.0E	1	Optional
ME 425	Power Plants	12E	1	Optional
IE 444	Advanced Operations Research	8.0E	2	Optional
IE 447	Reliability Engineering	8.0E	2	Optional
ME 334	Computer Aided Manufacturing	8.0E	2	Optional

Bachelor of Science in Textile Design and Technology

Code	Course Title	Credits	Semester	Core/Option
First Year				
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

Code	Course Title	Credits	Semester	Core/Option
CL 111	Communications Skills for Engineers	12E	1	Core
DS 101	Development Perspectives I	8.0E	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 102	Development Perspective II	8.0E	2	Core
Second Year				
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
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
	<i>Elective Minimum Units</i>	8.0E	1	Optional
MG 441	Human Resource and Management	8.0E	1	Optional
IM 205	Business Research Methods	12E	1	Optional
TX 324	Fabric Technology	8.0E	1	Optional
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
	<i>Elective Minimum Units</i>	8.0	2	Optional
MK 202	Marketing Research	12E	2	Optional
TX 409	Polymeric Biomaterials Engineering	8.0E	2	Optional
TX 320	Pulp and Paper Technology	8.0E	2	Optional
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
	<i>Elective Minimum Units</i>	8.0	1	Optional
MG 443	Industrial Safety and Maintenance	8.0E	1	Optional
TX 408	Leather and Footwear Technology	8.0E	1	Optional
TX 314	Nonwoven Engineering Principles	8.0E	1	Optional
TX 499	Final Project II	16	2	Core

Code	Course Title	Credits	Semester	Core/Option
TX 404	Textile and Fashion Visualization	12E	2	Core
MG 445	Entrepreneurship for Engineers	12E	2	Core
PT 3	Practical Training III	8.0	2	Core
	<i>Elective Minimum Units</i>	8.0	2	Optional
EN 339	Principles of Industrial Energy and Environmental Management	8.0E	2	Optional
TX 415	Textile Economics	12E	2	Optional
TM 400	Engineering Ethics and Professional Conduct	4.0E	2	Optional

Bachelor of Science in Textile Engineering

Code	Course Title	Credits	Semester	Core/Option
First Year				
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 101	Development Perspectives I	8.0E	1	Core
PD 101	Computer Aided Drafting	8.0	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 102	Development Perspective II	8.0E	2	Core
EG 119	Workshop Training	12.0E	2	Core
Second Year				
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
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
	<i>Electives Minimum Units</i>	8.0	1	Optional
IM 205	Business Research Methods	12.0E	1	Optional
MG 441	Human Resource and Management	8.0E	1	Optional
TX 316	Yarn Design and Construction	8.0E	1	Optional
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

Code	Course Title	Credits	Semester	Core/Option
	<i>Elective Minimum Units</i>	8.0		
TX 409	Polymeric Biomaterials Engineering	8.0E	2	Optional
TX 320	Pulp and Paper Technology	8.0E	2	Optional
TX 321	Fabric Design and Construction	8.0E	2	Optional
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
	<i>Electives Minimum Units</i>	8.0	1	Optional
TX 406	Environmental Aspects in Textile and Allied Industries	8.0E	1	Optional
TX 408	Leather and Footwear Technology	8.0E	1	Optional
TX 417	Technical Textiles	8.0E	1	Optional
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
	<i>Electives Minimum Units</i>	8.0	2	Optional
EN 339	Principles of Industrial Energy and Environmental Management	8.0E	2	Optional
PD 431	Automation and Robotics	12.0E	2	Optional
TX 415	Textile Economics	12.0E	2	Optional

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Senior Lecturer and Coordinator, Planning & Resource Mobilization

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Senior Lecturer and Coordinator, Research and Postgraduate Studies

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P. M. S. Bujulu, BScEng (Dar), MScEng (Hanover), PhD (Trondheim)

Lecturer and Coordinator, External Links

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Senior Lecturer and Coordinator, Timetable

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Lecturer and Coordinator of Quality Assurance

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M. Dotto, BScEng (Dar), MSc (Edmonton)

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B. Francis, BScEng (Dar), MSc (UBC)

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Vacant

Laboratory Scientist I
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R. Komba

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***M. I. Mgwatu, BScEng (Dar), MSc Eng (Ottawa), PhD (Dar)
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P. B. Msemwa, BScEng, MScEng, PhD (Dar)
M. Mrango, BScEng (Dar), MSc (Manchester), PhD (Manchester)
S. Marandu, BScEng, MScEng (Dar), PhD (Newcastle)
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*J. Kafuku, BScEng (Dar), MEM (Dar)
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*C. Kahabi, B.A. (Dar), MPhil (Manchester)
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*S. Ayeng'o, BScEng, MScEng (Dar)
*M. John, BScEng, MScEng (Dar)
*T. Venance, BScEng (Dar), MScTXT (Manchester)
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J. M. Bidu, BScEng (Dar), MScEng (Niederrheim)
A. M. Mwakibambo, BScPE (Dar), MScEng (Niederrheim)
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F. Makonela, BScEng, MSc Eng (Dar)
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H. Nyobuya, BSc (ME) (Dar)
M. Halinga, BSc (ME) (Dar)
C. Wambura, BSc (ME) (Dar)
*E. Nshama, BSc (ME) (Dar)
T. Alexander, BSc (TXD) (Dar)

Chief Technicians

J. Philipo
P. W. Fungo
E. Magang'hila
M. K. Maswanyana
M. Wanchara
A. Marcel

Senior Technician II

O. W. Hazali
L. Mwamakula

Principal Laboratory Assistants I

G. H. Katani
S. H. Makoleo
J. Nelson
B. Mwashubila

Foreman

E. D. Mbeleka

Secretary II

B. J. Tomonja

System Administrator

D. Fuli

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I.A. Rubaratuka, MSc, PhD (Kiev)
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J.K. Makunza, BSc, MSc (Dar), Dr. Ing (Dortmund)
*** L.M. Shirima, BScEng, MSc (Dar), Dr. Ing (Dortmund)

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***R.S. Mlinga, BScEng (Dar), MSc (Birmingham), PhD (Cape Town)
***M. M. Samson, BScEng, MSc, PhD (Dar)
H. Meleki, BScEng (Dar), MScEng (Brunswick), PhD (Brunswick)
L. B. Bulamile, Adv. Dipl. BD (ARU), MArch (Copenhagen), MScEng (USA), PhD (Stockholm)
F. Mohammed, MArch (Tokyo), PhD (Tokyo)

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S. B. Mwamanege, BArch (India), MScArch (Italy)
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G. Felician, BSc, MSc (ARU)
M. Makoye, BSc, MSc (ARU)

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L. Kakuru, BArch (ARU)
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C. Olomi, BArch (ARU)
*D. Augustino, BScEng (Dar)
*W. Mmari, BscEng (Dar)
*A. Titus, BscEng (Dar)
*Y. Mnyamba, BscEng (Dar)
W. William, BscEng (Dar)
*R. Komba, BscEng (Dar)
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R. G. Sanga, BArch (ARU)
S. S. Munisi, BArch (ARU)
J. G. Emmanuel, BArch (ARU)

Chief Technician

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R. Y. Kavana, FTC, AdvDip (Dar)

Principal Technician III

Vacant

Senior Technician

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Principal Laboratory Assistant

S. D. Swai, Mechanical Draughtsman Grade I, Civil Draughtsman Grade III

Administrative Assistant II

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H. Bwire, BScEng, MSc, PhD (Dar)
P. M. S. Bujulu, BScEng (Dar), MScEng (Hanover), PhD (Trondheim)

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E. R. Edward BScEng, MSc (Dar), PhD (New Brunswick)

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E. Fungo, BScEng, MSc (Dar)
*J. Ijumulana, BScEng, MSc (Netherlands)
F. Mutabazi, BScEng, MSc (Dar)
*E. E. John, BScEng (Dar), MSc (Nottingham)
J. S. Masiko, BScEng (Dar), MSc (Nottingham)
*E. Ruhazwe, BScEng (Dar) Meng
*J. E. Masaki, BScEng (Dar)

Tutorial Assistants

*S. Makuti BSc (ARU)
L Kato BSc (ARU)
J Mango BSc (ARU)
H Haule BScEng (Dar)
*M. Fortunatus BScEng (Dar)

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R. H. Maganga BScEng (Dar) MSc (HE) (Dar)

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M. M. Bisake

Laboratory Technician II

L. E. Mwiganege

Senior Laboratory Assistant II

Vacant
OMS
H. Msangi

Office Attendant I

K. R. Rwelamira

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A. W. Mayo, BScEng (Dar), MSc (Tampere), PhD (Tohoku)
T. S. A. Mbwette, BScEng, MSc (Dar), PhD (London)

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R. J. Kimwaga, BScEng, MSc, PhD (Dar)

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S. Munishi BScEng, MSc (Dar), PhD (Kwazulu Natal)

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*F. Izdori, BSc, MSc (Dar)
*N. Shija, BSc (Dar), MSc (Brunswick)
J. O. Mtamba, BSc, MSc (Dar)

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F. Shagega, BSc (Dar)
N. Kashaija, BSc. (ARU)
*C. Wambura, BSc. (Dar)

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A. L. Palangyo, PGD, MEM (Dar)

Principal Technician I

C. Eugen
A. S. Ullomi

Secretary III

S. L. Mlingi

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J. Justo, BScEng (Dar), PhD (Dongguk)
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Acting Head of Workshop (TDTC)

Y. S. Mohamedi

Multidisciplinary Workshop

Principal Technician

Vacant

Foremen

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R. Mohamed
M. Ramadhani

Principal Artisan I

J. Mbolela
H. R. Pandukizi
S. Chambuso
Y. S. Mohamedi
M. J. Lugenge
F. F.Mkawe

Senior Artisan I

W. S.Magaho

Artisan II

J. Habilu

Training Workshops (TWs)

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A. S. Kyoro, ADE (DIT), PGD, MEM (Dar)

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M. N. Lugoye, BScEng, MSc, PhD (Dar)
T. Severine, FTC (DIT), MSc (Dar)
M. Roman, DipEL & Instr (Dar), PGD, MEM (Dar)
A. M. K. Ngoma, FTC (DTC), MSc (Moscow), PhD (Stockholm)
M. P. Jahulula, FTC (TCA), ADE (DIT), PGD, MEM (Dar), MBA (Tumaini)
W. R. Mwaruka, BScEng, MSc (Dar)

Principal Workshop Instructors II

S. N. Jaffer, Pedag. Diplom. (Germany), DipEd (Germany), FTC (DTC)
C. E. B. M. Amos, ADE (DIT), PGD, MSc (Dar)

Senior Workshop Instructors I

M.S. Killo, FTC (DTC), ADE (DIT), PGD (Dar)

Workshop Instructor I

E. William, DipEng (ATC), BScEng (DIT)

Workshop Instructors II

F. R. Duduye, FTC (TCA), ADE (DIT), PGD (Dar)
J. Said, BSc (CSE) (Dar), MSc (HE) (Dar)
S. P. Kyabula, BSc (CSE) (Dar)
J. Makusa, BScEng (Dar), MSc, PhD (Stokholm)

Assistant Workshop Instructor

R. D. Kokushuliza, BScEng, MSc (Dar)

Chief Technician

A. A. Mchomvu, FTC (TCA), BSc (OUT)

Principal Technician II

R. J. Manota, FTC (DIT), ADE (MIST)
S. Mzobora, HNDEng (Germany)

Senior Technician I

M. E. Msengi, CertPed (Germany), FTC (DIT)

Principal Laboratory Assistants I

D. J. Gapi, CertPed (Germany), DTE (MIST)

Senior Laboratory Assistant I

H. Mlangali, Trade Test Grade I (Carpentry)

Senior Laboratory Assistant II

D. Mutayoba, Trade Test Grade I (NVTC)

Foreman

H. Ndiale, Trade Test Grade I

Principal Artisan I

C. C. Kalikela, Trade Test Grade I

Principal Artisan II

A. L. Kwembe, Trade Test Grade I
C. M. Wadelanga, Trade Test Grade I

Senior Artisans I

T. Ramadhani, Trade Test Grade I

* On Study Leave

**On Sabbatical Leave

***On Leave of Absence/Secondment

COLLEGE OF HUMANITIES (CoHU)

INTRODUCTION

The College of Humanities comprises of six academic departments, namely Archaeology and Heritage Studies, Creative Arts, Foreign Languages and Linguistics, History, Literature, and Philosophy and Religious Studies. The College also has one centre, the Centre for Communication Studies.

The College operates a semester system of studies, in which the academic year is divided into two semesters. Each course is given a credit weight according to the time devoted to it on the teaching timetable. All of the 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 Skills
CM: Chinese Languages	LL: Foreign Languages and Linguistics
HI: History	LT: Literature
AY: Archaeology and Heritage Studies	PL: Philosophy and Religious Studies

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

CoHu offers the degrees listed in Table 1. Every degree is anchored to a department, which is the hosting or offering department as indicated in the Table. BAEd is coordinated by a BA (Education) coordinator appointed by the Principal.

Table 1: Degree programme in the College of Humanities

Degree programme	Hosting Department
1. BA (Language Studies)	Foreign Languages and Linguistics
2. BA (Literature)	Literature
3. BA (Art and Design)	Creative Arts
4. BA (Film and Television Studies)	Creative Arts
5. BA (Music)	Creative Arts
6. BA (Theatre Arts)	Creative Arts
7. BA (History)	History
8. BA (Diplomatic and Military History)	History
9. BA (History, Cultural Heritage Management & Tourism)	History
10. BA (Archaeology)	Archaeology and Heritage Studies
11. BA (Heritage Management Studies)	Archaeology and Heritage Studies
12. BA (Education) (CoHu)	Various Departments-Under a Coordinator

Courses for any degree programme are classified as **core**, **optional** (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 BA (Education), BA (Language Studies), and BAArch taking AY 208
AS103	Introduction to Quantitative Research	Core for all except BA (Education), BA (Language

	Methods (12 credits)	Studies), BAArch taking AY 208
AS 217	Introduction to Computers (12 credits)	Optional for all
AS 220	Pan-African Thought and Practice I (12 credits)	Optional for all except where a Department decides otherwise
AS 221	Pan-African Thought and Practice II (12 credits)	Optional for all except where a Department decides otherwise
AS 299	Second Year CoHu Practical Training (formerly CASS PT) (12 credits)	Core for all except BA (Education), BAArch taking AY 220 and BA (Heritage Management taking AY 230)*
CL106	Communication Skills for Humanities (12 credits)	Core for all except BA (Language Studies) and BA (Literature)
CL107	Communication Skills for Science	Optional for all except where the department decides otherwise
CL108	Business Communication	Core for all UDDBS students
CL111	Communication Skills for Engineering	Core for all Engineering students
PL111	Introduction to Critical Thinking and Argumentation (12 credits)	Core for all except BA (Education)
DS101	Development Perspectives I (8 credits)	Core for all
DS102	Development Perspectives II (8 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:

Literature: at least two language courses one of which should be Literature at the ACSEE with a minimum of principal pass.

Languages: at least two language courses at the ACSEE with a minimum of principal pass.

History: at least two principal pass in arts subjects at the ACSEE level provided one of the principal passes is in History.

Diplomatic and Military History: at least two principal pass in arts subjects at the ACSEE level provided one of the principal passes is in History. Equivalent qualifications include an appropriate Diploma of not less than Second Class/Credit level or B grade obtained from a college which is approved by the UDSM Senate. For Diplomas that are further classified into Upper and Lower classes, the requirement shall be an Upper Second class or B+ average. Diploma programmes in the fields of history, military, diplomacy, war, security and strategic studies and related disciplines are most relevant to this programme.

History, Cultural Heritage Management and Tourism: at least two principal pass in arts subjects at the ACSEE level provided one of the principal passes is in History. Equivalent qualifications for this programme include an appropriate Diploma of not less than Second class/Credit level or B grade obtained from a college which is approved by the UDSM Senate. For Diplomas that are further classified into Upper and Lower classes, the requirement shall be an Upper Second class or B+ average. Diploma programmes in the fields of history, heritage management, tourism, hospitality, archives, museum, archaeology, and wildlife conservation, and related disciplines are most relevant to this programme. It should be noted that applicants who have graduated from the diploma programmes in heritage management and tour guidance offered by the University of Dar es Salaam and who have scored an upper second class or higher are qualified to join this programme.

Archaeology: at least two principal passes in arts and science subject combinations at the ACSEE level.

Heritage Management Studies: at least two principal passes one of which should be History; or a good grade (GPA of 3.8 and above) of the UDSM Diploma in Heritage Management and Tour Guidance.

Creative Arts: at least 2 principal passes in arts subjects at the ACSEE level. Equivalent qualifications include:

- (i) Diploma of Butimba Teachers' Training College, with an average of B+ or above.
- (ii) Diploma of *Taasisi ya Sanaa na Utamaduni Bagamoyo (TaSUBa)*, formerly the Bagamoyo College of Arts, with an average of B+ or above.

BA (Education): A minimum pass at the level of principal in two ACSEE social science subjects. Applicants with a minimum of one principal pass in arts subjects and another minimum of a principal pass in mathematics can also be admitted.

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 BA (Art and Design), BA (Film and Television Studies), BA (Music) and BA (Theatre Arts), as well as those selected from the UDSM Diploma in Heritage Management and Tour Guidance for BA (Heritage Management Studies) 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 BA 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 passmark 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.
- 9 (i) The degree classification shall be based on the best 360 credits from the courses permitted under the degree programme.

- (ii) The final BA 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	BAArch BA (Heritage Management Studies)

Duration: 8 weeks of long-vacation

First Year Teaching Practice for all BA (Education) students

Code	Title	Status	Credits	Degree programmes
CT 101	First Year Teaching Practice	core	12	BA (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	BA Arch
AY 230	Practical Training in Heritage Management	core	12	BA (Heritage Management Studies)

Duration: 8 weeks of long-vacation

Second Year Teaching Practice (TP) for all BA (Education) students

Code	Title	Status	Credits	Degree programmes
CT 202	Second Year Teaching Practice	core	12	BA (Education)

Duration: 8 weeks of long-vacation

N.B. CT 202 is administered by the School of Education.

CoHu Practical Training (AS 299 or HI 299)

The College of Humanities organizes a practical training programme for all second year students except those who are taking *BAArch*, *BA (Heritage Management Studies)*, and *BA (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:

- (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 able 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 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 5):

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 *BA (Diplomatic and Military History)* and *BA (History, Cultural Heritage Management and Tourism)* must be assessed/supervised by UDMS historians.

The marks are used to give grades to the Practical Training, from A to F 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
FP 303	Methods in Music Research	core	12	Creative Arts
FP 305	Directing	core	12	Creative Arts
FP 351	Special Studies in Textile Design	core	12	Creative Arts

DEPARTMENT OF CREATIVE ARTS

For first year students the department offers four degree programmes in creative arts namely, BA (Art and Design), BA (Film and Television), BA (Music) and BA (Theatre Arts). For continuing students (2nd and 3rd year students) a BA (*Fine and Performing Arts*) degree programme is delivered in three well-defined specialisations: Specialisation I: Fine Arts, Specialisation II: Music and Specialisation III: Theatre. Students must choose one specialization and maintain it throughout the three years' duration of the programme.

Students are required to take all the 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 specialisation carry the same number of minimum required number of credits for the programme. A student may choose one additional optional 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.

Bachelor of Arts in Art and Design

Code	Title	Core/Option	Credits
First Year: Semester I			
CA 100	Creative Arts and Society	Core	12
DS 101	Development Perspectives I	Core	8
AS 102	Social Science Research Methods	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 102	Development Perspectives II	Core	8
AS 103	Social Science Research Methods	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 Graphig Design	Core	12
CA 242	Printmaking	Core	12
Total			60
<i>A student may choose ONE or TWO of the following courses</i>			
CA 211	Sculpture	Core	12
CA 212	Visual Arts and Advertising	Core	12
CA 213	Jewelry Design	Core	12
CA 222	Applied Computer Aided Design	Core	12
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
Total			48
<i>A student may choose ONE or TWO of the following courses</i>			
CA 210	Creative Arts and Gender	Optional	12*
CA 252	Principles of Still Photography	Optional	12

CA 262	Principles of Animation	Optional	12
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Bachelor of Arts in Fine and Performing Arts-Specialisation I: Art and Design

Third Year: Semester I

FP 300	Management and Administration of the Arts	Core	12
FP 301	Special Studies in Drawing	Core	12
FP 302	Special Studies in Sculpture	Core	12
FP 332	History of World Art	Core	12
FP 351	Special Studies in Textile Design	Core	12

Total **60**

A student may choose one of the following courses

FP 316	Film Production	Optional	12
FP 383	Advanced Music Ensemble	Optional	12
AY 303	Cultural Heritage Management	Optional	12
GE 306	Project Planning and Management	Optional	12
LT 313	Professional Communication	Optional	12
MK 325	Publicity and Public Relation	Optional	12

Third Year: Semester II

FP 310	Marketing The Arts	Core	12
FP 311	Special studies in Painting	Core	12
FP 312	Special studies in Graphic Design	Core	12
FP 320	Independent Study in Fine and Performing Arts	Core	12
FP 341	Contemporary African Art	Core	12

Total **60**

A student may choose one of the following courses:

FP 312	Advanced film Production	Optional	12
AY 303	Introduction to Museum Studies	Optional	12
AY 306	People and Culture in Africa	Optional	12
HR 306	Organization Development	Optional	12
MK 329	Social Marketing	Optional	12
MK 332	Advertising and Sales Promotion	Optional	12

Bachelor of Arts in Music

First Year: Semester I

CA100	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 101	Development Perspectives I	Core	8
AS 102	Introduction to Social Science Research Methods I	Core	12

Total **68**

First Year: Semester II

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 102	Development Perspectives II	Core	8
AS 103	Social Science Research Method I	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12

Total **68**

Second Year: Semester I

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

Total **48**

A student may choose ONE or TWO of the following courses

CA 265	Music Technology and Production	Optional	12
CA 235	Ngoma Performance	Optional	12
CA 245	Choral Techniques	Optional	12

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

Total **48**

A student may choose ONE of the following courses

CA 255	Advanced choral Techniques	Optional	12
CA 210	Creative Arts	Optional*	12
AS 299	Practical Training (done during the long vacation)	Core	0

Bachelor of Arts in Fine and Performing Arts-Specialisation II: Music**Third Year: Semester I**

FP 300	Management and Administration of the Arts	Core	12
FP 303	Methods in Music Research	Core	12
FP 309	Advanced Instrumental Performance(selected Instrument)	Core	12*
FP 333	Composition	Core	12
FP 383	Advanced Music Ensemble	Core	12

Total **60**

A student may choose one of the following courses:

FP 320	Independent Study in Fine and Performing Arts	Optional	12
FP 332	History of World Art	Optional	12
PL 301	Philosophy of Religion	Optional	12
GE 346	Project Planning Management	Optional	12

Third Year: Semester II

FP 310	Marketing the Arts	Core	12
FP 319	Advanced Composition and Choral Arranging	Core	12*
FP 343	Music Documentation and Archiving	Core	12
FP 384	Orchestral Technique	Core	12
FP 393	Popular Music Band	Core	12

Total **60**

A student may choose one of the following courses:

FP 336	Advanced Film Production	Optional	12
FP 341	Contemporary African Art	Optional	12
PL 312	African philosophy	Optional	12
LT 326	Methodology and Practice of Oral Literature Research	Optional	12

Bachelor of Arts in Theatre Arts**First Year: Semester I**

CA100	Creative Arts and Society	Core	12
CA 119	Theatre Practices in Tanzania	Core	12
CL106	Communication Skills	Core	12
CA 109	Introduction to African Dance	Core	12
DS 101	Development Perspectives I	Core	8
AS 102	Introduction to Social Science Research Method I	Core	12

Total **72**

First Year: Semester II

CA 139	Introduction to Directing	Core	12
CA 129	African Theatre	Core	12
CA 108	Introduction to Creative Writing in Stage, Screen, and Radio	Core	12
DS 102	Development Perspectives II	Core	8
CA 149	Acting	Core	12
AS 103	Introduction to Social Science Research Method II	Core	12

Total **72**

Second Year: Semester I

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

Total **48**

A student may choose ONE or TWO of the following courses

CA 107	Introduction to Film and Television	Optional	12
CA 259	Production Design	Optional	12
CA 279	Fundamentals of Drama Therapy	Optional	12
AS 220	Pan-African Thought and Practice I	Optional	12

Second Year: Semester II

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

Total **48**

A student may choose ONE or TWO of the following courses

CA 207	African Cinema and Cinematic Practices	Optional	12
CA 210	Creative Arts and Gender	Optional	12
AS 221	Pan-African Thought and Practice II	Optional	12
CA 209	African Dance	Optional	12
AS 299	Practical Training (done during the long vacation)	Core	0

Bachelor of Arts in Fine and Performing Arts-Specialisation III: Theatre Arts

Third Year: Semester I

FP 300	Management and Administration of the Arts	Core	12
FP 305	Directing	Core	12
FP 316	Film Production	Core	12
FP 335	Costume Design and Production	Core	12
FP 245	Theatre for Children and Youth	Core	12

Total **60**

A student may choose one of the following courses

FP 320	Independent Study in Fine and Performing Arts	Optional	12
FP 332	History of World Art	Optional	12
FP 383	Advanced Music Ensemble	Optional	12
LT 313	Professional Communication	Optional	12
MK 325	Publicity and Public Relation	Optional	12
FP 346	Project Planning and Management	Optional	12
SO 378	The Sociology of Religion	Optional	12

Third Year: Semester II

FP 310	Marketing the Arts	Core	12
FP 325	Lighting Design and Production	Core	12
FP 335	Play Production	Core	12
FP 336	Advanced Film Production	Core	12
FP 366	Directing for Film and Television	Core	12

Total **60**

A student may choose one of the following courses

FP 315	Dance Choreography	Optional	12
AY 303	Introduction to Museum Studies	Optional	12
HR 306	Organization Development	Optional	12
AY 306	People and Culture in Africa	Optional	12
MK 329	Social Marketing	Optional	12
MK 332	Advertising and Sales Promotion	Optional	12
GE 354	Environmental Assessment	Optional	12
PL 306	Philosophical Hermeneutics	Optional	12
SO 378	Sociology of Religion	Optional	12

Bachelor of Arts in Film and Television

First Year: Semester I

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 101	Development Perspectives I	Core	8
AS 102	Introduction to Social Science Research Method I	Core	12

Total 72

First Year: Semester II

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	Acting	Core	12
DS 102	Development Perspectives II	Core	8
AS 103	Introduction to Social Science Research Method II	Core	12

Total 72

Second Year: Semester I

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

Total 60

A student *may* choose ONE or TWO of the following courses

CA 249	Acting for Stage and Screen	Core	12
AS 220	Pan-African Thought and Practice I	Core	12
CA 279	Drama Therapy	Core	12

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

Total 48

A student *may* choose ONE or TWO of the following courses

CA 210	Creative Arts and Gender	Optional	12*
CA 248	Radio Drama Production	Optional	12
AS 221	Pan-African Thought and Practice II	Optional	12

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:

FP 303	Methods in Music Research	Core	12
FP 305	Directing	Core	12
FP 351	Special Studies in Textile Design	Core	12

Total minimum number of (core) credits for BA (Fine and Performing Arts) programme: 376

DEPARTMENT OF FOREIGN LANGUAGES AND LINGUISTICS

Bachelor of Arts in Language Studies

BA (*Language Studies*) 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 the 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 BA (*Language Studies*) degree. A student may choose one additional optional 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.

Specialisation I: English

Code	Title	Core/Options	Credits
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First Year: Semester I

French 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 101	Development Perspectives I	core	8
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 101	Development Perspectives I	core	8
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 101	Development Perspectives I	core	8
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
DS 102	Development Perspectives II	core	8
PL 111	Introduction to Critical Thinking and Argumentation	core	12
LL 181	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 102	Development Perspectives II	core	8
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 102	Development Perspectives II	core	8
PL 111	Introduction to Critical Thinking and Argumentation	core	12
KF 103	Nadharia na Uhakiki wa Fasihi ya Kiswahili	core	12
KI 109	Miundo ya Msingi ya 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

Code	Title	Core/Options	Credits
First Year: Semester I			
LL 280	French Communicative Competencies III	core	12
LL 274	Introduction to Translation	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AS 220	Pan-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	Oral Interactios	optional	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
Second Year: Semester I			
<i>A student may choose one of the following courses</i>			
AS 220	Pan-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	Oral Interactions	optional	12
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 213	Mitindo ya Kiswahili cha Mazungumzo	core	12
KF 202	Fasihi-Andishi ya Kiswahili	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AS 220	Pan-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	Oral Interactions	optional	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
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	12*
Kiswahili Language Option			
LL 222	Introduction to Research Methods in Language Studies	core	12*

Code	Title	Core/Options	Credits
First Year: Semester I			
LL 218	English Rhetoric	core	12
LL 220	English Grammar	core	12
KI 212	Tafsiri ya Kiswahili-KIingereza	core	12
KF 203	Fasihi ya Watoto na Vijana	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 273	French African Literature II	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	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 302	Sociolinguistics	core	12
LL 303	Historical and Comparative Linguistics	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	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 313	Leksikografia	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	12
Third Year: Semester II			
French Sub-stream			
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
<i>+A student must choose one or two of the following courses</i>			
LL 318	The Study of Discourse	optional	12

Code	Title	Core/Options	Credits
First Year: Semester I			
LL 375	Translation II	optional	12
LL 399	Project** (By invitation only)	optional	12
LL 384	Introduction to consecutive Interpretative	optional	12
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	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 304	Tanzanian Sign Language Structure	core	12*
<i>+A student must choose one or two of the following courses</i>			
LL 318	The Study of Discourse	optional	12
LL 375	Translation II	optional	12
LL 399	Project** (By invitation only)	optional	12
LL 384	Introduction to consecutive Interpretative	optional	12
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
Total			60
Kiswahili Language option			
LL 331	Translation Methods and Practice	core	12
LL 314	Second Language Acquisition	core	12
KF 303	Elimu Mitindo ya Fasihi ya Kiswahili	core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	core	12
<i>+A student must choose one or two of the following courses</i>			
LL 318	The Study of Discourse	optional	12
LL 375	Translation II	optional	12
LL 399	Project** (By invitation only)	optional	12
LL 384	Introduction to consecutive Interpretative	optional	12
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
Total			60
Specialisation II: French			
First Year: Semester I			
English 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 101	Development Perspectives I	core	8
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 101	Development Perspectives I	core	8
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

Code	Title	Core/Options	Credits
LL 101	Introduction to Linguistic Structure	core	12
DS 101	Development Perspectives I	core	8
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	Communicative Competencies I	core	12
LL 183	Reading and Writing Proficiency I	core	12
DS 102	Development Perspective 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	Communicative Competences II	core	12
LL 183	Reading and Writing Proficiency I	core	12
DS 102	Development Perspective 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 102	Development Perspective 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 109	Miundo ya Misingi ya 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-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	French Communicative Competencies III	optional	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-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	Oral Interactions	optional	12

Kiswahili Language Option

LL 203	Introduction to Semantics	core	12
LL 280	French Communicative Competencies III	core	12

Code	Title	Core/Options	Credits
LL 274	Introduction to Translation	core	12
KI 213	Mitindo ya Kiswahili cha Mazungumzo	core	12
KS 202	Fasihi-Andishi ya Kiswahili	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AS 220	Pan-African Thought and Practice I	optional	12
AS 217	Introduction to Computers	optional	12
LL 282	Oral Interactions	optional	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
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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 212	Tafsiri ya Kiswahili-KIingereza	core	12
KF 203	Fasihi ya Watoto na Vijana	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AS 221	Pan-African Thought and Practice II	optional	12
LL 217	English for Business Communication	optional	12
LL 276	Functional French	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	12*
AS 299	Practical Training (don 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
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12

Code	Title	Core/Options	Credits
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	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 302	Sociolinguistics	core	12
LL 303	Historical and Comparative Linguistics	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	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 313	Leksikografia	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	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		
LL 384	Introduction to Consecutive Interpretation		
Total			60
<i>A student may choose one of the following courses</i>			
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	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
<i>A student must choose one or two of the following courses</i>			
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
LL 375	Translation II		
LL 384	Introduction to Consecutive Interpretation		
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 303	Elimu Mitindo ya Fasihi ya Kiswahili	core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	core	12
Total			60
<i>A student taking Linguistics must choose one of the following courses</i>			
LL 304	Tanzanian Sign Language Structure	optional	12*

Code	Title	Core/Options	Credits
LL 375	Translation II	optional	12
LL 390	Project (By invitation only)	optional	12
LL 384	Introduction to Consecutive Interpretation	optional	12
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
Specialisation III: Linguistics			
First Year: Semester I			
French 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 101	Development Perspectives I	core	8
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 101	Development Perspectives I	core	8
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 101	Development Perspectives I	core	8
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 102	Development Perspectives II	core	8
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 102	Development Perspectives II	core	8
LL 103	General Phonetics	core	12
LL 106	Language Change	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
Kiswahili Language Option			
DS 102	Development Perspectives II	core	8
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 109	Miundo ya Misingi ya Kiswahili	core	12
Total			72
Second Year: Semester I			

French Sub-Stream

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

LL 282	Oral Interactions	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	12

English Sub-Stream

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

LL 282	Oral Interactions	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	12

Kiswahili Language Option

LL 201	Linguistic Theory	core	12
LL 203	Introduction to Semantics	core	12
LL 208	Introduction to Dictionary Compilation	core	12*
KI 213	Mitindo ya Kiswahili cha Mazungumzo	core	12
KF 202	Fasihi Andishi ya Kiswahili	core	12

Total **60**

A student may choose one of the following courses

LL 282	Oral Interactions	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	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	optional	12
AS 221	Pan-African Thought and Practice II	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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	optional	12
AS 221	Pan-African Thought and Practice II	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	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 212	Tafsiri ya Kiswahili-KIingereza	core	12
KF 203	Fasihi ya Watoto na Vijana	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 276	Functional French I	optional	12
AS 221	Pan-African Thought and Practice II	optional	12
LL 204	Introduction to Tanzanian Sign Language	optional	12*
AS 299	Practical Training (done during the long vacation)	core	12
Total			60
Third Year: Semester I			
French Sub-stream			
LL 302	Sociolinguistics	core	12
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
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	12
English Sub-Stream			
LL 302	Sociolinguistics	core	12
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
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	12
Kiswahili Language Sub-Stream			
LL 302	Sociolinguistics	core	12
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 313	Leksikografia	core	12
Total			60
<i>A student may choose one of the following courses</i>			
LL 316	English in the World	optional	12
LT 311	Theory and Practice of Publishing	optional	12
LL 376	Functional French II	optional	12
Third Year: Semester II			
French Sub-stream			
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
<i>A student may choose one of the following courses</i>			
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
English Sub-Stream			
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
<i>A student may choose one of the following courses</i>			
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
Kiswahili Language Option			
LL 305	Bantu Language Structure	core	12
LL 331	Translation Methods and Practice	core	12
LL 314	Second Language Acquisition	core	12*
KF 303	Elimu Mitindo ya Fasihi ya Kiswahili	core	12
KI 311	Semantiki na Pragmatiki ya Kiswahili	core	12
Total			60
<i>A student taking English sub-stream must choose one of the following courses</i>			
LL 375	Translation II	optional	12
LL 384	Introduction to Consecutive Interpretation	optional	12
LL 304	Tanzanian Sign Language Structure	optional	12*
LT 312	Language and Literature	optional	12
FP 208	Advanced Writing for Stage, Screen and Radio	optional	12
LL 313	Linguistics and Language Teaching	optional	12
LL 390	Project (By invitation only)	optional	12

Total minimum number of (core) units for BA (Language Studies) programme: 376.

CENTRE OF COMMUNICATION STUDIES

The Centre for Communication Studies (CCS) provides service courses for different programmes. The courses offered are as follows:

Code	Title	Credits
First Year: Semester I		
CL 106	Communication Skills for Arts and Social Sciences	12
CL 111	Communication Skills for Engineering Studies	12
First Year: Semester II		
CL 106	Communication Skills for Arts and Social Sciences	12
CL 107	Communication Skills for Science	12
CL 108	Business Communication	12

The Centre also offers tailor made skills and language based workshops and clinics and these can be requested by the clients or scheduled by the Centre on demand.

DEPARTMENT OF HISTORY

The Department of History offers the Bachelor of Arts in History undergraduate degree programme.

Bachelor of Arts in History

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 optional 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.

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.

First Year: Semester I

Code	Course Title	Core/Option	Credits
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
CL 106	Communication Skills for Arts and Social Sciences	Core	12
DS 101	Development Perspectives I	core	8
AS 102	Introduction to Social Science Research Methods	core	12
FP 100	Art and Society	optional	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 102	Development Perspectives II	core	8
AS 103	Introduction to Social Science Methods II	core	12
<i>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.</i>			
<i>A student must choose only one from the following</i>			
SO 115	Introduction to Culture and Society	optional	12
Total			72
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
<i>A student must choose one or two courses from the following:</i>			
HI 267	Survey World History of Science and Technology: Ancient to Medieval Times	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	12
DS 201	Rural and Urban Development	optional	12
Total			60
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
<i>A student may choose one course from the following</i>			
HI 268	Survey World History of Science and Technology: Modern Societies	optional	12
AS 221	Pan-African Thought and Practice II	optional	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
<i>A student may choose the following course</i>			
AY 302	Archaeology of Tanzania	optional	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
HI 380	Ethnic Identities in Tanzania	core	12
<i>A student may choose one or two courses from the following</i>			
HI 369	Economic History of Tanzania: Practical (by invitation only)	optional	12
HI 379	Oral Histories in Tanzania: Practical (By invitation only)	optional	12
HI 399	Dissertation ++	optional	24
PS 347	Peace Making and Conflict Resolution	optional	12
SO 371	Contemporary Social Change and Culture	optional	12
Total			60

++HI 399 (Dissertation) is by invitation only.

Total minimum number of (core) credits for BA (History) is 376.

DEPARTMENT OF ARCHAEOLOGY AND HERITAGE STUDIES

Bachelor of Arts in Archaeology

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 optional 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.

Compulsory *first-year Field Training in Archaeology (Survey) (AY120)* and *second-year Field 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.

Code	Course Title	Core/Options	Credits
First Year: Semester I			
AY 100	Introduction to Archaeology	core	12
AY 103	Old 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 101	Development Perspectives I	core	8
<i>A student may choose only one from the following</i>			
AY 105	Introduction to Primatology	optional	12
HI 104	Themes in African History	optional	12
Total			72
First Year: Semester II			
AY 101	Principles of Archaeology	core	12
AY 102	Introduction to Anthropology	core	12
AY 104	New World Prehistory	core	12
HI 102	Survey of World History to ca. 1500 A.D	core	12
DS 102	Development Perspectives II	core	8
<i>A student must choose only one from the following</i>			
SO 114	Introduction to Cultural Anthropology	optional	12
SO 115	Introduction to Culture and Society	optional	12
Total			72
<i>First Year Special Practical Training during the long vacation (8 weeks)</i>			
AY 120	Field Training in Archaeology (Survey)	core	12
Second Year: Semester I			
AY 200	Background to Archaeological Theory and Methods	core	12
AY 203	African Civilizations	core	12
AY 207	Ceramic Analysis in Archaeology	core	12
HI 262	History of East Africa	core	12
HI 270	Health, Disease and Healing in the 19th and 20th centuries in Africa	core	12
Total			60
<i>A student may choose one of the following courses</i>			
AY 205	Fauna Analysis in Archaeology	optional	12
AY 206	Metal Analysis in Archaeology	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	12
Second Year: Semester II			
AY 202	Human Evolution	core	12
AY 204	Lithic Analysis in Archaeology	core	12
AY 208	Research Methods in Anthropology	core	12
AY 209	Archaeological Methodology	core	12
AY 201	Human Adaptations, Variations and Growth	core	12
Total			60
<i>A student may choose one of the following courses</i>			
DS 201	Rural Development and Agricultural Transformation	optional	12

Code	Course Title	Core/Options	Credits
DS 214	Poverty and Development	optional	12
SO 277	Process of Urbanization in the Third World	optional	12
AS 221	Pan-African Thought and Practice II	optional	12
<i>Second Year Special Practical Training during the long vacation</i>			
AY 220	Field Training in Archaeology (Excavation)	core	12
Third Year: Semester I			
AY 301	Cultural Heritage Management	core	12
AY 302	Archaeology of Tanzania	core	12
AY 303	Introduction to Museum Studies	core	12
AY 305	Human Osteology and Osteometry	core	12
HI 368	Oral Histories in Tanzania: Theory	core	12
Total			60
Third Year: Semester II			
AY 300	Advanced Archaeological Theory	core	12
AY 306	People and Cultures in Africa	core	12
AY 321	Heritage Laws	core	12
AY 323	Intangible Heritage Resources in Tanzania	core	12
<i>A student must select one or two courses from the following</i>			
AY 307	Recent Research Approaches in Archaeology	optional	12
AY 324	Introduction to Architecture in Archaeology	optional	12
SO 395	Anthropological Analysis of East Africa	optional	12
AY 399	Independent Project in Archaeology ++	optional	24
Total			60

++ AY 399 (Dissertation) is by invitation only

Total minimum number of (core) credits for BAArch is 376.

Bachelor of Arts in Heritage Management Studies

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 choose one additional optional 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.

Compulsory *first-year Field Training in Archaeology (Survey) (AY120)* 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.

Code	Course Title	Core/Options	Credits
First Year: Semester I			
AY 100	Introduction to Archaeology	core	12
HI 101	Basic Concepts and Perspectives in History	core	12
FP 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 101	Development Perspectives I	core	8
Total			72
First Year: Semester II			
HI 151	Tourism in African History	core	12
HI 152	Introduction to Archival Studies and Heritage Documentation	core	12
HI 261	History of Tanzania	core	12
HI 150	History of Heritage Conservation in Africa	core	12
DS 102	Development Perspectives II	core	8
SO 115	Introduction to Culture and Society	core	12
Total			72
<i>First Special Practical Training during the long vacation</i>			
AY 120	Field Training in Archaeology (Survey)	core	12
Second Year: Semester I			
AY 203	African Civilizations	core	12
AY 221	Conservation and Curation of Fauna Materials	core	12
HI 262	History of East Africa	core	12

Code	Course Title	Core/Options	Credits
GE 251	Tourism and Leisure	core	12
AS 220	Pan-African Thought and Practice I	core	12
Total			60

A student may choose one of the following courses

AY 205	Fauna Analysis in Archaeology	optional	12
AY 206	Metal Analysis in Archaeology	optional	12
AS 217	Introduction to Computers	optional	12
LL 160	Basic French I ≈	optional	12
LL170	Advanced French I ≈	optional	12

Second Year: Semester II

AY 215	Principles of Cultural Tourism	core	12
AY 208	Research Methods in Anthropology	core	12
AY 222	Conservation and Curation of Metal Materials	core	12
AS 221	Pan-African Thought and Practice II	core	12

A student must choose one or two of the following courses

AY 223	Conservation and Curation of Lithic Materials	optional	12
AY 224	Conservation and Curation of Ceramic Materials	optional	12
LL 161	Basic French II ≈	optional	12
LL171	Advanced French II ≈	optional	12

Total **60**

Second Year Special Practical Training during the long vacation

AY 230 Practical Training in Heritage Management **core** 12

Third Year: Semester I

AY 301	Cultural Heritage Management	core	12
AY 303	Introduction to Museum Studies	core	12
AY 322	Ethics in Cultural Tourism	core	12
HI 368	Oral Histories in Tanzania	core	12
HI 380	Evolution of Ethnic Identities in Tanzania	core	12

Total **60**

A student may choose only one of the following courses

AY 306	Peoples and Cultures in Africa	optional	12
AY 302	Archaeology of Tanzania	optional	12
LL 260	Basic French III ≈	optional	12
LL 270	Advanced French III ≈	optional	12

Third Year: Semester II

HI 264	Africa and World Religions: Islam and Christianity	core	12
AY 306	People and Cultures in Africa	core	12
AY 321	Heritage Laws	core	12
AY 323	Intangible Heritage Resources in Tanzania	core	12
AY 324	Introduction to Architecture in Archaeology	core	12

Total **60**

A student may choose one course from the following

AY 307	Recent Research Approaches in Archaeology	optional	12
HI 379	Oral Histories in Tanzania: Practical	optional	12
SO 393	Society, Culture and Health	optional	12
LL 261	Basic French IV ≈	optional	12
LL 276	Functional French I ≈	optional	12
AY 399	Independent Project in Archaeology (Dissertation) ++	optional	24

++A student who is invited to register AY 399 (Dissertation) which has 24 credits will have 72 credits.

≈ 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 BA (Heritage Management Studies) is 376.

DEPARTMENT OF LITERATURE

Bachelor of Arts in Literature

The Department of Literature offers a BA (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 optional 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 optional 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.

Code	Course Title	Core/Options	Credits
First Year: Semester I			
LT 110	Introduction to Literary Theories	core	12
LT 111	African Literature	core	12
LT 112	Introduction to Literary Devices	core	12
DS 101	Development Perspective 1	core	12
AS 102	Introduction to Social Science Research	core	12
<i>A student may choose only one from the following</i>			
LT 118	Popular Literature	optional	12
LT 120	Introduction to Argumentative Writing	optional	12
Total			72
First Year: Semester II			
LT 116	Literature and Society	core	12
LT 113	Tanzanian Literature in English	core	12
LT 119	Literature and The Art of Writing	core	12
DS 102	Development Perspectives II	core	8
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			
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
<i>A student may choose one courses from the following</i>			
LT225	Studies in American Literature	optional	12
AS 217	Introduction to Computers	optional	12
AS 220	Pan-African Thought and Practice I	optional	12
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	optional	12
Total			60
<i>A student may choose one of the following</i>			
LT 218	Caribbean Literature	optional	12
AS 221	Pan-African Thought and Practice II	optional	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
<i>A student may take the following course</i>			

Code	Course Title	Core/Options	Credits
LT 324	Cross-cultural studies	optional	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
<i>A student may take the following course</i>			
LT 326	Methodology and Practice in Oral Literature Research (by Invitation)	optional	12
Total minimum number of (core) credits for BA (Literature) is 376			

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES

The department of Philosophy and Religious Studies will offer a BA programme in Philosophy and Ethics, Major/Minor Philosophy and continues to provide service courses for different programmes. The courses offered are as follows:

Bachelor of Arts in Philosophy and Ethics

Code	Course Title	Core/Options	Credits
First Year: Semester I			
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 101	Development Perspectives 1	Core	8
AS 102	Introduction to Social Science Research Methods 1	Core	12
Total			60
<i>A student may take the following course</i>			
PL 121	Scientific Writing and Reading	Optional	12
First Year: Second Semester			
PL 112	Formal Logic	Core	12
PL 122	Metaphysics	Core	12
PL 132	Theory of Knowledge	Core	12
DS 102	Development Perspectives II	Core	8
AS 103	Introduction to Social Science Research Methods II	Core	12
Total			60
<i>A student may take the following course</i>			
PL 142	Selective Readings of Philosophical Classics	Optional	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
<i>A student may take two to three of the following courses</i>			
PL 241	Aesthetics and Culture	Optional	12
PL 251	Intermediate Logic	Optional	12
SO 116	Introduction to Sociology	Optional	12
AS 200	Pan-Africanism, Thought and Practice I	Optional	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
<i>A student may take two to three of the following courses</i>			
PL 242	Applied Ethics	Optional	12
AS 221	Pan-Africanism, Thoughts and Practice II	Optional	12
DS 212	Globalization and Development	Optional	12
FP 100	Art and Society	Optional	12
Third Year: Semester I			

Code	Course Title	Core/Options	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
<i>A Student may take two to three of the following courses</i>			
PL 341	Philosophy of Religion	Optional	12
PL 351	Business Ethics	Optional	12
LT 312	Language and Literature	Optional	12
Third Year: Semester II			
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
<i>A Student may take two to three of the following courses</i>			
PL 342	Philosophy of Language	Optional	12
PL 352	Ethics of Leadership and Management	Optional	12
PL 362	Bioethics	Optional	12

Bachelor of Arts in Philosophy and Literature

Code	Course Title	Core/Options	Credits
First Year: Semester I			
DS 101	Development Perspective 1	Core	12
AS 102	Introduction to Social Science Research	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 100	Introduction to Philosophical Analysis	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LT 111	African Literature	Core	12
Total			72
First Year: Semester II			
DS 102	Development Perspective II	Core	12
AS 103	Introduction to Social Science Research Method II	Core	12
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
Total			72
Second Year: Semester I			
PL 211	Methods of Philosophy	Core	12
PL 221	Theories of Ethics and Moral Philosophy	Core	12
PL 241	Aesthetics and Culture	Core	12
PL 231	History of Ancient and Medieval Philosophy	Core	12
LT 210	Poetry	Core	12
LT 222	World Trends in Children's Literature	Core	12
Total			36
<i>A student may take two to three of the following courses</i>			
PL 251	Intermediate Logic	Optional	12
LT 220	African Drama	Optional	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			36
<i>A student may take two to three of the following courses</i>			
PL 242	Applied Ethics	Optional	12
LT 224	Feminism and Literature	Optional	12
LT 215	Creative Writing	Optional	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			36
<i>A Student may take two to three of the following courses</i>			
PL 341	Philosophy of Religion	Optional	12
PL 351	Business Ethics	Optional	12
PL 321	Philosophy of Law and Human Rights	Optional	12
Third Year: Semester II			
PL 312	Philosophy of Science	Core	12
PL 322	Development Ethics and Global Justice	Core	12
LT 315	African American Literature	Core	12
PL 332	Ethics of Leadership and Management	Core	12
Total			36
<i>A Student may take two to three of the following courses</i>			
PL 342	Philosophy of Language	Optional	12
PL 362	Bioethics	Optional	12
PL 352	Philosophy of Mind and Cognitive Science	Optional	12

Code	Course Title	Core/Options	Credits
LT 314	South African Literature	Optional	12

Bachelor of Arts in Literature and Philosophy

Code	Course Title	Core/Options	Credits
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First Year: Semester I

DS 101	Development Perspective 1	Core	12
AS 102	Introduction to Social Science Research	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
PL 100	Introduction to Philosophical Analysis	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
LT 110	Introduction to Literary Theories	Core	12
LT 111	African Literature	Core	12

Total			72
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First Year: Semester II

DS 102	Development Perspective II		12
AS 103	Introduction to Social Science Research Method II		12
PL 112	Formal Logic		12
PL 122	Metaphysics		12
PL 132	Theory of Knowledge		12
LT 113	Tanzanian Literature in English		12

Total			60
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A student may take one of the following course

PL 122	Metaphysics	Optional	12
PL 132	Theory of Knowledge	Optional	12
LT 116	Literature and Society	Optional	12
LT 118	Literature and the Art of Writing	Optional	12

Second Year: Semester I

PL 221	Theories of Ethics and Moral Philosophy		12
LT 210	Poetry		12
LT 212	Drama		12

Total			36
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A student may take two to three of the following course

PL 241	Aesthetics and Culture	Optional	12
PL 211	Methods of Philosophy	Optional	12
PL 231	History of Ancient and Medieval Philosophy	Optional	12
PL 251	Intermediate Logic	Optional	12
LT 221	Literature and Negritude Movement	Optional	12

Second Year: Semester II

PL 212	Contemporary Political Philosophy		12
LT 213	Modern Literary Theories		12
LT 214	The Development of the Novel		12

Total			36
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A student may take two to three of the following course

PL 242	Applied Ethics	Optional	12
PL 222	History of Modern and Contemporary Philosophy	Optional	12
PL 232	Climate Change and Environmental Ethics	Optional	12

Third Year: Semester I

LT 310	African Women Writers		12
PL 331	African Philosophy		12
LT 312	Language and Literature		12

Total			36
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A Student may take following courses

PL 341	Philosophy of Religion	Optional	12
PL 351	Business Ethics	Optional	12
PL 321	Philosophy of Law and Human Rights	Optional	12
LT 324	Cross-Cultural Studies	Optional	12
PL 311	Professional and Civic Ethics	Optional	12
LT 317	Study of a Major Author	Optional	12

Code	Course Title	Core/Options	Credits
Third Year: Semester II			
Code	Title Status		Credits
PL 312	Philosophy of Science		12
PL 322	Development Ethics and Global Justice	Optional	12
PL 332	Ethics of Leadership and Management		12
LT 314	South African Literature		12
LT 315	African American Literature		12
Total			36
<i>A Student may take two to three of the following courses</i>			
PL 342	Philosophy of Language	Optional	12
PL 362	Bioethics	Optional	12
LT 320	African Poetry	Optional	12
LT 316	The African Novel	Optional	12
PL 352	Philosophy of Mind and Cognitive Science	Optional	12

Service courses for different programmes are as follows:

Semester I

Code	Title	Credits
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

Bachelor of Arts with Education

A Guide

- Students taking BAEd 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).
- Compulsory University/College-wide courses**
For BAEd students the following are compulsory/college-wide courses:
DS101 Development Perspectives I 8 credits

DS102 Development Perspectives II 8 credits
 CL106 Communication Skills 12 credits

BAEd 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.
 - (i) *Language BAEd*: Students choose teaching subjects 1 and 2 from language subjects. For the time being, these include English, French and Kiswahili.
 - (ii) *Non-language BAEd*: Students choose teaching subjects 1 and 2 from non-language subjects such as History, Geography, Creative Arts, Political Science and Public Administration or Economics.
 - (iii) *Language + Non-language BAEd* 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:
 - (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 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 6(a): Case of Two Languages or Two Non-language Subjects

	Semester I	Credit	Semester II	Credit	Year Total
1 st 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	
	<i>EF 100</i>	12	<i>CT 100</i>	12	
	<i>DS101</i>	12	<i>DS102</i>	12	
	<i>CL106</i>			12	
	Sub-total	72		72	144
2 nd 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
3 rd 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					424

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.

Table 6b: Case of One Language and One Non-language Subjects

	Semester 1					Semester II		Year Total
	Teaching courses)	Subject			Credits	Teaching Subject 1 (two courses)	Credits	
1 st year		1	(two		24	Teaching Subject 1 (two courses)	24**	
	Teaching courses)	2	(two		24	Teaching Subject 2 (one course)	12**	
					12	CT 100	12	
					12	DS102	12	
						CL106	12	
					72		72	144
2 nd Year	Teaching Subject 1 (one course)				12**	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	2	(two		24**	Teaching Subject 2 (two courses)	24	
					12	CT 200	12	
					12	CT 201	12	
					12			
					72		72	144
3 rd Year	Teaching Subject 1 (two courses)	1	(two		24	Teaching Subject 1 (two courses)	24	
	Teaching Subject 2 (two courses)	2	(two		24	Teaching Subject 2 (two courses)	24	
					12	EF 303	12	
					12	EP 300	12	
					72		72	144
Programme Total								424

First Year Semester I: limit is 72 credits.

****First Year Semester II:** Given the need to take DS 102, 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.*

4. Teaching Practice

All BAE 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:

CoHU BA (EDUCATION) COURSES BY OFFERING DEPARTMENT

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 Art 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	Core/Options	Credits
Music Sub-Stream			

Code	Course Title	Core/Options	Credits
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)			
FP 223	Harmony	Core	12
FP 283	Instrumental Instruction	Core	12
Second Year: Semester II (Music)			
FP 274	Advance Music Theory	Core	12
FP 233	Studies in the Music of Tanzania	Core	12
Third Year: Semester I (Music)			
FP 303	Methods in Music Research	Core	12
FP 374	Keyboard Techniques	Core	12
Third Year: Semester II (Music)			
FP 343	Music Documentation and Archiving	Core	12
FP 394	Advanced Composition	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 02	Fundamentals of Graphic Design	Core	12
CA 121	Fundamentals of Painting	Core	12
Fine Arts Sub-Stream			
Second Year: Semester I (Fine Arts)			
FP 201	Advanced Drawing	Core	12
FP 242	Textile Design	Core	12
Second Year: Semester II (Fine Arts)			
FP 211	Advanced Painting	Core	12
FP 291	Studies in African Arts	Core	12
Third Year: Semester I (Fine Arts)			
FP 301	Special Studies in Drawing	Core	12
FP 332	History of World Art	Core	12
Third Year: Semester II (Fine Arts)			
FP 311	Special Studies in Drawing	Core	12
FP 341	Contemporary African Art	Core	12
Theatre Arts Substream			
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)			
FP 200	Art Communication and Social Mobilization	Core	12
FP 275	Advanced Acting	Core	12
Second Year: Semester II (Theatre Arts)			
FP 285	Theatre Criticism	Core	12
FP 245	Theatre for Children	Core	12
Third Year: Semester I (Theatre Arts)			
FP 305	Directing	Core	12
FP 335	Costume Design and Production	Core	12
Third Year: Semester II (Theatre Arts)			

Code	Course Title	Core/Options	Credits
FP 355	Play Production	Core	12
FP 325	Lighting Design and Production	Core	12

Film and Television Substream

First Year: Semester I (Film and Television)

CA 107	Introduction to Film and Television	Core	12
CA 117	Film Practices in Tanzania	Core	12

First Year: Semester II (Film and Television)

CA 127	Film Theory	Core	12
CA 137	Cinematography	Core	12

Department of Foreign Languages and Linguistics

Code	Course Title	Core/Options	Credits
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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

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

Department of History

Code	Course Title	Core/Options	Credits
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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

Code	Course Title	Core/Options	Credits
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
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.			

Department of Literature

Code	Course Title	Core/Options	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

Department of Economics

Code	Course Title	Core/Options	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
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

Department of Geography

Code	Course Title	Core/Options	Credits
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

Department of Political Science and Public Administration

Code	Course Title	Core/Options	Credits
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	Optional	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
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

Institute of Kiswahili Studies (TATAKI)

Msimbo	Jina La Kozi	Lazima/ Ukipenda	Maksi
Mwaka wa Kwanza: Semista ya Kwanza			
KF 102	Utangulizi wa Fasihi (Simulizi na Andishi)	Lazima	12
KI 107	Misingi ya Isimu	Lazima	12
Mwaka wa Kwanza: Semista ya Pili			
KF 103	Nadharia na Uhakiki wa Fasihi	Lazima	12
KI 108	Muundo wa Sentensi na Maana katika Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya Kwanza			
KI 208	Fonolojia ya Kiswahili	Lazima	12
KF 202	Fasihi Andishi ya Kiswahili	Lazima	12
Mwaka wa Pili: Semista ya Pili			
KI 209	Mofolojia ya Kiswahili	Lazima	12
KF 203	Fasihi ya Watoto na Vijana	Lazima	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 303	Elimu-Mitindo ya Fasihi ya Kiswahili	Lazima	12

School of Education

Code	Course Title	Core/Options	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
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	Counseling 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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*J. Msuya BA (Dar)

*On Study Leave

**On Sabbatical Leave

*** On Leave of Absence/Secondment

INTRODUCTION

The College of Information and Communication Technologies (CoICT) is a result of the merging of the former School of Informatics and Communication Technologies (SICT) and the Department of Electrical and Computer Systems Engineering (ECSE) in the College of Engineering and Technology (CoET). The general objective for the merging of the two units was to concentrate UDSM efforts in the development of the knowledge and practical implementation in the field of ICT and through this, to become a centre of excellence in the provision of higher education, research and public services in this area. 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.)
- (ii) Bachelor of Science with Computer Science (BScwith Comp. Sci.)
- (iii) Bachelor of Science in Electronics Science and Communication (BSc ES)
- (iv) Bachelor of Science in Computer Engineering and Information Technology (BSc CIT)
- (v) Bachelor of Science in Telecommunications Engineering (BSc Telecoms)
- (vi) Bachelor of Science in Electronics Engineering (BSc Elec)
- (vii) In addition, the college offers the following non-degree programmes:
- (viii) Diploma in Computer Science
- (ix) 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. Each of its disciplines offers a variety of courses, including core courses, which are compulsory to students majoring in the subjects and optional 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 addition to these, College-specific regulations will also apply as detailed below.

- 1 The College of Information and Communication Technologies offers the following programmes:
 - (a) BSc in Computer Science (3 years)
 - (b) BSc with Computer Science (3 years) with the following combinations:
 - (i) Computer Science with Mathematics
 - (ii) Computer Science with Physics
 - (iii) Computer Science with Statistics
 - (c) BSc in Electronic Science and Communication (3 years)
 - (d) BSc in Computer Engineering and Information Technology (4 years)
 - (e) BSc in Telecommunications Engineering (4 years)
 - (f) Bachelor of Science in Electronics Engineering (4 years)
2. All students must pass all core courses in their study programme.
3. Each student shall register for courses totalling at least 120 credits and at most 144 credits per academic year.
4. 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. 5).
5. 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.

6. 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.
7. 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.
8. 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.

B. College Examination Regulations

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 and optional courses. Each course is given a credit weighting according to the time devoted to it on the timetable. 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 will not count towards the credits.

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).

9. 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.
10. 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.
11. 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).
12. 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 course taken shall be "C".
13. 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").
14. 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.
15. 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 21. Supplementary work in, or carryover of elective courses will only be allowed in exceptional circumstances, normally only when those credits are needed to complete a degree programme.
16. 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.
17. 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
18. 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.
19. 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.

20. 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.
21. To complete a degree programme at CoICT, a full-time student must have passed a minimum 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.
22. 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 failed courses. The highest grade awarded for a supplemented course shall be the minimum passing grade (*i.e.* “C”).
23. 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.
24. 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.
25. All carry-over courses must be cleared within the allowable maximum period of registration; otherwise the student will be discontinued from studies.
26. 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.
27. 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.
28. Final Year Projects will be assessed and the results will contribute to the final year GPA, as well as final GPA for degree classification.
29. 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.
30. The weight of Projects will be determined as for any other course, based on the number of contact hours.
31. 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.
32. A candidate who fails to clear a Supplementary Project shall repeat the project in the first semester of the subsequent year.
33. The final grades of all courses taken by a student shall be entered in the transcript.

Regulations on Practical Training in Industry (PT)

34. 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:
 - (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 a working environment.

The following regulations shall apply for Practical Training:

35. 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 4-year

programme.

36. Each PT shall be treated as a course of the succeeding academic year.
37. 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.
38. 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.
39. A student who could not complete PT for reasons other than those stipulated in 38 above, will be considered to have absconded the PT, and shall be discontinued.
40. Practical Training reports will be handed in for assessment before the end of the second week of the first semester.
41. Internal assessment shall be completed before the end of the first semester.
42. 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.
43. A student who fails in a supplementary PT and has a GPA of less than 2.0 shall be discontinued forthwith.
44. 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.
45. 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.

PT Assessment

46. PT assessment will be based on the following items:

Employers Assessment	10%
Logbook	20%
Final Report	60%
Supervisor's Report	10%
TOTAL	100%

1. 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.
2. 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 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%
3. Assessment of 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%

Weighting of Results and Classification of Degrees

4. Computation of the average score for a degree shall be based on the minimum number of credits required to complete the degree programme or the closest number marginally exceeding the prescribed minimum in cases where the number is not exactly achievable as follows:
 - (a) All the prescribed core courses.

- (b) The best credits from the other core courses offered such as student's project(s) and the two (or three) practical training sessions in industry as well as elective courses.
5. The total weight factor of the minimum number of credits obtained as stipulated in Regulation 50 shall be 1.0. The contribution of each course to this weight factor shall be proportional to its number of credits as shown in the curriculum.
 6. For purposes of classification of degrees, a five point system will be used to compute the final grade. The letter grade will be assigned points as follows:
A=5; B+=4; B=3; C=2; D=1; E=0.
The ranges of the grades will be as follows:
A = 4.4-5.0 B+ = 3.5-4.3 B = 2.7-3.4
C = 2.0-2.6 D = 1.0-1.9 E = 0.0-0.9
Equivalent marks for each grade shall be as follows:
A = 70%-100%; B+ = 60%-69%; B = 50%-59%; C = 40%-49%;
D = 35%-39%; E = 0%-34%
 7. To get a score for each course, the points obtained as in Regulation 52 above shall be multiplied by the weights as in Regulation 51.
 8. All weights under Regulation 51 above shall carry one decimal place.
 9. A student who has passed courses totaling more than 360 credits in a 3-year programme, or 480 credits in a 4-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.
 10. The average score for the degree will be based on the best 360 or 480 credits as the case may be. 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

Undergraduate Programmes/Courses

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Bachelor of Science in Computer Science

Code	Course Title	Credit	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	8	1	Core
DS 101	Perspective in Development I	12	1	Core
MT 100	Foundations of Analysis	12	1	Core
DC 151	Computer Organization and Architecture I	12	1	Core
DC 111	Programming in C	12	1	Core
DC 122	Introduction to Information Systems	8	1	Core
DC 171	Computer Hardware and System Maintenance	8	1	Core
DC 172	Business Computer Communication	8	2	Core
DC 161	Discrete Structures	12	2	Core
DC 141	Introduction to Computer Networks	8	2	Core
DC 152	Computer Organization and Architecture II	12	2	Core
DC 112	Programming in Java	12	2	Core
DC 113	Web Programming	12	2	Core
Second Year: Minimum Elective Credits per Semester is 8				
DC 251	Principles of Operating Systems	12	1	Core
DC 232	Object Oriented Analysis and Design	8	1	Core
DC 211	Data Structure and Algorithms	12	1	Core
DC 221	Principles of Database Systems	12	1	Core
DC 241	Computer Network Design and Administration	12	1	Core
DC 215	Principles of Computer Graphics	8	1	Core

Code	Course Title	Credit	Semester	Core/Option
DC 261	Game Theory and Applications	8	1	Optional
DC 214	Compiler Technology	8	1	Optional
MT 249	Mathematical Logic and Formal Semantics	12	2	Core
DC 231	Structured Systems Analysis and Design	8	2	Core
DC 222	Principles of Systems Security	8	2	Core
DC 212	Object Oriented Programming in Java	12	2	Core
DC 213	Mobile Application Development	12	2	Core
DC 216	Algorithms and Complexity	8	2	Core
DC 217	Web Services and Technologies	12	2	Optional
DC 228	Introduction to GIS	8	2	Optional
DC 229	Data Warehousing and Mining	8	2	Optional

Third Year (Double Major)

IS 333	System Analysis and Design	12	1	Core
MT378	Queueing Theory and Inventory Modules	12	1	Core
IS 342	Management and Control of Software Project	12	1	Core
IS 353	Implementation of Databases	12	1	Core
IS 383	Internet Application and Programming	8	1	Core
IS 334	Organization and Management of Information	8	1	Optional
IS 381	Distributed Systems	8	2	Core
IS 335	Final Year Project	16	2	Core
IS 364	IT Security	8	2	Core
IS 363	Introduction to Artificial Intelligence	8	2	Optional
IS 352	Data Mining & Knowledge Discovery in Databases	12	2	Optional
IS 373	Introduction to Computer Simulation & Modeling	8	2	Optional
CS 332	Object-Oriented Program Design and Analysis	12	2	Optional
CS 342	LAN Switching	8	2	Optional

Bachelor of Science with Computer Science

Code	Course Title	Credit	Semester	Core/Option
First Year (Single Major with IS and MT + ST or PH)				
IS 142	Introduction to High Level Programming	12	1	Core
IS 161	Basic Computer Applications	12	1	Core
IS 139	Introduction to Computer Architecture	12	2	Optional
IS 136	Programming in C	12	2	Core
IS 137	Data Structures and Algorithms	12	2	Core
IS 243	Practical Training I	8	2	Core
MT 120	Functions of Single Variable	12	2	Optional

Second Year (Single Major with IS and MT + ST or PH)

IS 271	Computer Networks	12	1	Core
IS 245	Operating Systems I	12	1	Core
IS 272	Software Development I	12	1	Core
EV200	Environmental Science I	8	1	Core
IS 258	PC Maintenance	8	1	Optional
IS 242	Introduction to Computer Graphics	8	1	Optional
IS 292	Object Oriented Programming	12	2	Core
IS 263	Database Concepts	12	2	Core
IS 343	Practical Training II	8	2	Core
IS 281	Network Design & Administration	12	2	Optional
IS 253	Introduction to GIS	8	2	Optional
IS 254	Operating System II	8	2	Optional
IS 282	Software Development II	12	2	Optional

Third Year (Single Major with IS and MT + ST or PH)

IS 333	System Analysis and Design	12	1	Core
IS 335	Final Year Project I	8	1	Core

Code	Course Title	Credit	Semester	Core/Option
IS 381	Distributed Systems	8	1	Optional
IS 334	Organization and Management of Information Systems	8	1	Optional
IS 342	Management & Control of Software Project	12	1	Optional
IS 363	Introduction to Artificial Intelligence	8	1	Optional
IS 353	Implementation of Databases	12	2	Core
IS 383	Internet Application & Programming	8	2	Core
IS 335	Final Year Project II	8	2	Core
IS 364	IT Security	8	2	Optional
IS 373	Introduction to Computer Simulation and Modelling	8	2	Optional

Bachelor of Science in Computer Engineering and Information Technology

Code	Course Title	Credit	Semester	Core/Option
First Year				
CL 111	Communication Skills for Engineers	8	1	Core
ES 173	Introduction to Electrical Circuits	12	1	Core
DS 101	Development Perspectives I	8	1	Core
ME 101	Engineering Drawing	8	1	Core
MT 161	Matrices and Basic Calculus for Non Major	12	1	Core
TE 172	Workshop Training	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
ES 171	Computer Aided Drafting and Design	8	2	Core
ES 110	Analogue Electronics I	8	2	Core
ES 120	Digital Electronics I	8	2	Core
CS 175	Programming in Java	12	2	Core
CS 173	Business Computer Communication	8	2	Core
DS 102	Development Perspectives II	8	2	Core
Second Year				
MT 261	Several Variable Calculus for Non-Majors	12	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
CS 252	Computer Organization and Architecture II	12	2	Core
IS 171	Introduction to Computer Networks	8	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 321	Introduction to Control Systems Engineering	12	1	Core
CS 331	Introduction to Software Engineering	8	1	Core
CS 333	Computer Operating Systems	12	1	Core
CS 341	Network Routers and Routing	8	1	Core
CS 351	Computer Engineering I	12	1	Core
CS 353	Micro Computer System I	10	1	Core
CS 355	Computer Hardware	12	1	Core
	<i>Elective (minimum)</i>	<i>12</i>	<i>1</i>	<i>Optional</i>
CS 322	Classical Control Systems Engineering	12	2	Core
CS 332	Object-Oriented Program Design and Analysis	12	2	Core
CS 342	LAN Switching	8	2	Core
CS 352	Computer Engineering II	12	2	Core
CS 354	Microcomputer Systems II	10	2	Core

Code	Course Title	Credit	Semester	Core/Option
TE 342	Digital Electronics for Engineers II	16	2	Core
	<i>Elective (minimum)</i>	12	2	<i>Optional</i>
<i>Elective (Minimum 24.0)</i>				
DP 313	Power Electronics I	12	1	Optional
TE 311	Introduction to Analogue Telecommunications	12	1	Optional
DP 331	Electrical Power Plants	8	1	Optional
DP 333	Introduction to Power Engineering II	8	2	Optional
DP 314	Power Electronics II	8	2	Optional
TE 312	Introduction to Digital Telecommunications	12	2	Optional

Fourth Year

CS 421	Modern Control Systems Engineering	8	1	Core
CS 431	Data Base Systems	4	1	Core
CS 451	Computer Engineering III	12	1	Core
CS 452	Microcomputer Systems III	8	1	Core
CS 498	Final Project I	8	1	Core
DP 471	Electrical Safety & Maintenance	8	1	Core
	<i>Elective (minimum)</i>	24	1	<i>Optional</i>
TM 330	General Engineering Procedures	8	2	Core
TM 400	Engineering Ethics and Professional Conduct	4	2	Core
CS 432	Software Testing and Software management	4	2	Core
CS 453	Computer Security	12	2	Core
CS 499	Final Project II	16	2	Core
MG 445	Entrepreneurship for Engineers	12	2	Core
TE 442	Digital Electronics for Engineers III	16	2	Core
	<i>Elective (minimum)</i>	-	2	<i>Optional</i>

Elective (24 credits)

CS 480	Selected Topics in Computer Engineering & IT	8	1	Optional
DP 421	Electrical Insulating Materials	4	1	Optional
MG440	Engineering Economics	8	1	Optional
MG 441	Human Resources Management	8	1	Optional
CS 433	Introduction to Artificial Intelligence	8	2	Optional
TE 471	Introduction to VLSI	12	2	Optional
CS 441	Wide Area Networking	8	1	Optional
CS 433	Introduction to Artificial Intelligence	8	2	Optional

NB: Candidates should consult with the department regarding the required minimum and maximum number of credits in a semester.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING**Bachelor of Science in Electronics Sciences and Communications**

Code	Course Title	Credit	Semester	Core/Option
Common Core Courses for all Students				
DS 101	Perspectives of Development I	8	1	Core
DS 102	Perspectives of Development II	8	2	Core
Common Optional Courses for all Science Students				
SC 215	Science Methods	8	1	Optional
DS 211	Entrepreneurship	8	2	Optional
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	Optional
CL 107	Communication Skills for Scientist	8	2	Optional
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	Optional
IS137	Data Structure and Algorithms	12	2	Optional
Second Year				
ES 211	Analogue Electronics II	8	1	Core
ES 212	Analogue Electronics Practicals	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	Optional
IS 262	Compiler Technology	8	1	Optional

Code	Course Title	Credit	Semester	Core/Option
IS 271	Computer Networks	12	1	Optional
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	Optional
IS 263	Database Concepts	12	1	Optional
ES 300	Computer Aided Design and Analysis	8	2	Optional
PH 202	Mathematical Methods II	8	2	Optional
PH 213	Electromagnetism II	8	2	Optional
MT 274	Numerical Analysis I	12	2	Optional
MT 227	Linear Algebra II	12	2	Optional

Third Year

ES 310	Electronics Instrumentation I	8	1	Core
ES 334	Signal Processing I	8	1	Core
ES 318	Electronics Control	12	1	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	Optional
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	Optional
ES 320	Nuclear Electronics	8	1	Optional

Code	Course Title	Credit	Semester	Core/Option
ES 322	Industrial Electronics	8	1	Optional
ES 337	High Frequency Communication System Design	8	1	Optional
TE 411	Microwave Communications	16	1	Core
EV 300	Environmental Science II	8	1	Optional
ES 306	VLSI Circuit Design	8	2	Optional
ES 319	Communication Systems Design	8	2	Optional
ES 339	Ultra-Fast Electronics Techniques	8	2	Optional
ES 341	Communication Digital Signal Processing	8	2	Optional
ES 343	Emerging Electronics and Communication Technologies	8	2	Optional
IS364	IT Security	8	2	Optional
IS383	Internet Applications and Programming	8	1	Optional
TM 400	Engineering Ethics and Professional Conduct	4	2	Optional
MG 445	Entrepreneurship for Engineers	12	2	Optional

Bachelor of Science in Electronics Engineering

Code	Course Title	Credit	Semester	Core/Option
Common Core Courses for all Students				
DS 101	Perspectives of Development I	8	1	Core
DS 102	Perspectives of Development II	8	2	Core

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

Code	Course Title	Credit	Semester	Core/Option
Second Year				
CS 243	Computer Network Design and Administration	12	1	Core
EE 253	Engineering Electromagnetics I	8	1	Core
ES 213	Electronics Measurements and Instrumentation I	8	1	Core
ES 211	Analogue Electronics II	8	1	Core
ES 212	Analogue Electronics Practical	8	1	Core
IS 158	Computer Hardware and System Maintenance	8	1	Core
IS 274	Object Oriented Analysis and Design	8	1	Core
MT 261	Several Variable Calculus for Non-majors	12	1	Core
CS 234	Object Oriented Programming in Java	12	2	Core
EE 254	Engineering Electromagnetics II	8	2	Core
ES 221	Digital Electronics II	8	2	Core
ES 222	Digital Electronics Practical	8	2	Core
MT 271	Statistics for Non-majors	12	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	Interfacing Techniques	8	1	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 326	Microelectronics I	8	2	Core
TE 371	Introduction to Research Methods	8	2	Core

Elective Courses (Minimum 32.0 Credits)

CS 348	Network Switching and Routing	12	1	Optional
EE 313	Power Electronics I	8	1	Optional
ES 318	Automation and Industrial Electronics	12	1	Optional
IE 354	Engineering Project management	12	1	Optional
IS 344	Human Computer Interaction	12	1	Optional
IS 264	Principals of Database Systems	12	1	Optional
TE 331	Principles of Analogue Telecommunications	12	1	Optional

Code	Course Title	Credit	Semester	Core/Option
TE 335	Introduction to Analogue Filters	8	1	Optional
TE 336	Satellite Communications	8	1	Optional
TE 337	Tele-traffic Engineering	8	1	Optional
TE 380	Digital Signal Processing (DSP)	12	1	Optional
EE 314	Power Electronics II	8	2	Optional
ES 314	Quantum Electronics	8	2	Optional
IS 365	Artificial Intelligence	8	2	Optional
TE 332	Principles of Digital Telecommunications	12	2	Optional
TE 334	Information Theory	8	2	Optional
TE 338	Mobile Web Communication Services	8	2	Optional
TE 339	Telecommunication Switching and Transmission	8	2	Optional

Fourth Year

ES 411	Analogue Electronics IIII	12	1	Core
IE 443	Industrial Safety and Maintenance	8	1	Core
IE 445	Entrepreneurship for Engineers	12	2	Core
SC 430	General Engineering Procedures and Ethics	12	2	Core
ES 499	Final Project	24	2	Core

Embedded Electronics Track

CS 354	Micro Computer Systems II	8	1	Core
ES 412	Introduction to Robotics	12	1	Core
ES 413	High frequency communication System Design	8	1	Core
CS 356	Embedded Systems	8	2	Core

Electronics Science Track

ES 414	Solid State Electronics	8	1	Core
ES 415	Optoelectronic Devices	8	1	Core
ES 416	Microelectronics II	12	1	Core
ES 417	Ultra-fast Electronics Technologies	8	2	Core

Elective Courses (Minimum 16.0 Credits)

CS 421	Modern Control Systems Engineering	8	1	Optional
IE 440	Engineering Economics	8	1	Optional
IE 441	Human Resources Management	8	1	Optional
TE 443	Digital Broadcasting Technologies	8	1	Optional

Code	Course Title	Credit	Semester	Core/Option
TE 411	Microwave Communication	12	1	Optional
TE 447	Wireless Technologies	8	1	Optional
CS 441	High Speed Network Technologies	8	2	Optional
ES 418	Nuclear Electronics	8	2	Optional
TE 412	Mobile Communication	8	2	Optional

Bachelor of Science in Telecommunications Engineering

Code	Course Title	Credit	Semester	Core/Option
Common Core Courses for all Students				
DS 101	Perspectives of Development I	8	1	Core
DS 102	Perspectives of Development II	8	2	Core

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 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 321	Introduction to Control Systems Engineering	12	1	Core
CS 353	Microcomputer Systems I	10	1	Core
CS 341	Network Routers and Routing	8	1	Core
TE 311	Introduction to Analogue Telecommunications	12	1	Core
TE 341	Analogue Electronics for Engineers II	16	1	Core
CS 342	LAN Switching	8	2	Core
TE 312	Introduction to Digital Telecommunications	12	2	Core
TE 313	Introduction to Switching and Transmission	8	2	Core
TE 342	Digital Electronics for Engineers II	16	2	Core

Code	Course Title	Credit	Semester	Core/Option
<i>Elective Courses (Minimum 24.0 Credits)</i>				
CS 333	Computer Operating Systems	12	1	Optional
DP 313	Power Electronics I	8	1	Optional
DP 331	Electrical Power Plants	8	1	Optional
DP 333	Introduction to Power Engineering I	8	1	Optional
CS 322	Classical Control Systems Engineering	12	2	Optional
CS 332	Object-Oriented Program Design and Analysis	12	2	Optional
CS 354	Microcomputer Systems II	10	2	Optional
DP 314	Power Electronics II	12	2	Optional
DP 334	Introduction to Power Engineering II	8	2	Optional
TE 314	Introduction to Information Theory	8	2	Optional

Fourth Year

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
TE 498	Final Project I	8	1	Core
	<i>Elective (minimum)</i>	16	1	Optional
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 II	16	2	Core
	<i>Elective (minimum)</i>	12	2	Optional

Elective Courses (Minimum 28.0 Credits)

CS 421	Control Systems Engineering III	8	1	Option
CS 441	Wide Area Networks	8	1	Option
DP 421	Electrical Insulating Materials	8	1	Option
MG440	Engineering Economics	8	1	Option
MG 441	Human Resources Management	8	1	Option
TE 480	Digital Signal Processing (DSP)	8	1	Option
CS 452	Microcomputer Systems III	8	2	Option
TE 471	Introduction to VLSI	12	1	Option
TE 481	Television Engineering	8	2	Option

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. Since the Diploma programme is being proposed to run both as regular and evening programme, the following analysis will give the number of semester/weeks, which the evening program is supposed to cover.

Under semester system, there are fifteen teaching weeks, two weeks for examinations, and three weeks for holidays in the first semester.

Full-Time Diploma Students

On average, total number of lecture hours required for 12 courses is 16 per week. The practical hours required for seven courses which have practicals is 21 hours (3 hours per week per course) per week. On the average, a full time student requires $(16 + 21) / 5 = 7.4$ hours/day.

Part-Time Diploma Students Start time: 4:00 pm to 8: 00 pm Total time: 4hrs/day

Week days (4x5): 20 hours

Saturdays: 8:00 am 1:00 pm = 5 hours

Total time per week: 25 hours/week

Full time students require 37 hours/week; this implies that, part-time students require extra 12 hours per week to

accomplish the programme. For 30 weeks they will require $12 \times 30 = 360$ hours.

Number of weeks required: $360/25 = 14.4$ weeks.

Thus for the part-time students, they will require five semesters to accomplish the Diploma Programme.

Entry Qualifications and Regulations

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.

AND

One of the following combinations of passes in the Advanced Level Secondary Education Examination or the East African Certificate of Education ('A' level) or Equivalent:

(i) One Principal level pass in, Computer Science, Mathematics, Physics, Chemistry, Economics, Commerce, Geography, Accountancy, Biology and a subsidiary pass in any of these subjects.

OR

(ii) One Principal level pass grade 'C' and above in any of the subjects listed in (i) above.

OR

(iii) A Form VI certificate with at least three subsidiaries in the subjects listed in (i) above

OR

(iv) A Form VI certificate with at least two subsidiaries in the subjects listed in (i) above plus at least two years industrial experience.

OR

(v) A Certificate in Computer Science (or IT) with an average GPA of at least 3.0 (Dar)

OR

(vi) An ordinary National Certificate or Diploma at a good standing or a qualification of an equivalent standard awarded by recognized bodies e.g. the National Board of Accountants and Auditors (NBAA), Business Education Council (BEC), NACTE, etc. or Certificate in computer science recognized by NACTE, and NECTA.

Assessment

Each course will be assessed by written examination of two hours duration. A candidate who fails in a subject can resit 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 points 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 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 80 credits over two semesters. In order to graduate, a student must complete at least 200 credits.

The list below consists of courses in the Diploma in Computer Science Programme:

Code	Course Title	Credit	Semester	Core/Option
First Year				
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

Code	Course Title	Credit	Semester	Core/Option
IS 064	Introduction to Computer Architecture	8	1	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 091	Computing Mathematics I	12	2	Core
IS 070	Introduction to Information systems analysis and design	12	2	Core
IS 078	Fundamentals of Computer Networks	8	2	Core
Total		124		
Second Year				
IS 054	Introduction to Computer Science Mathematics II	8	1	Core
IS 055	Design and Implementation of Object Oriented Applications	12	1	Core
IS 242	Introduction to Computer Graphics	8	1	Core
IS 283	Electronic Commerce	8	1	Core
IS 059	Network and System Administration	8	1	Core
IS 057	Introduction to Database	8	1	Core
IS 058	Implementation of Database Systems Using DBMS	8	2	Core
IS 067	Fundamentals of Computerized Accounting	12	2	Core
IS 068	Introduction to Project Management	8	2	Core
IS 220	Independent studies/Informatics Project I	16	2	Core
IS 062	Business Statistics	12	2	Core
IS 071	Multimedia	8	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 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 points 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:

Diploma 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	Core/Option
First Year				
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		

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*On Study Leave

**On Sabbatical Leave

*** On Leave of Absence/Secondment

COLLEGE OF NATURAL AND APPLIED SCIENCES (CoNAS)

INTRODUCTION

The College of Natural and Applied Sciences (CoNAS) comprises of the Departments of Botany, Chemistry, Geology, 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 (BScGen)
- (ii) Bachelor of Science with Education (BScEd)
- (iii) Bachelor of Science in Chemistry (BScChem)
- (iv) Bachelor of Science in Petroleum Chemistry (BScPChem)
- (v) Bachelor of Science in Molecular Biology and Biotechnology (BScMolBioBTech)
- (vi) Bachelor of Science in Applied Zoology (BScAppZoo)
- (vii) Bachelor of Science in Wildlife Science and Conservation (BScWSc)
- (viii) Bachelor of Science in Botanical Science (BScBotSc)
- (ix) Bachelor of Science in Microbiology (BScMicr)
- (x) Bachelor of Science in Actuarial Sciences (BScActSc)
- (xi) Bachelor of Science in Meteorology (BScMet)

The College also offers the following four-year undergraduate programmes leading to degrees:

- (xii) Bachelor of Science in Geology (BScGeo)
- (xiii) Bachelor of Science in Engineering Geology (BScEngGeo)
- (xiv) Bachelor of Science with Geology (BSc-Geo)
- (xv) Bachelor of Science in Petroleum Geology (BScPGeo)

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 optional 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 360 credits must be passed for the award of a 3-year degree (BScBotSc, BScGen, BScMolBioBTech, BScChem, BScWSc, BScAppZoo and BScMet whereas for BScEd and BScActSc degree programmes minimum of 388 and 428, respectively, credits must be passed. For the award of a 4-year degree (BScPGeo, BScGeo, BScEngGeo 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 College of Natural and Applied Science (except those enrolled into the BScActS, BScChem, BScGeo, BScEngGeo, BScPGeo, 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 Geology, Mathematics, Physics and Computer Science, 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), Communication skills and Environmental Science (200 series).
- 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 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 11.1 For BSc (Gen.) programmes, students should select their two major subjects from the following: Botany (BT), Chemistry (CH), Geology (GY), Applied Microbiology (MC), Aquatic Sciences (AQ), Mathematics (MT), Computer Science (IS), Physics (PH), Wildlife Science and Conservation (WS), Zoology (ZL) and Aquatic Science (AQ). A major may be taken in Geography (GE) or Statistics (ST) in the College of Arts and Social Sciences in lieu of, so long as the regulations for majoring in subjects in that College are fulfilled.
- 11.2 The following are the recommended major Science Subject combinations for BSc (Gen.):
- ✓ Applied Microbiology and Chemistry
 - ✓ Applied Microbiology and Botany
 - ✓ Applied Microbiology and Aquatic Sciences
 - ✓ Applied Microbiology and Zoology
 - ✓ Botany and Zoology
 - ✓ Botany and Geography
 - ✓ Botany and Chemistry
 - ✓ Chemistry and Aquatic Sciences
 - ✓ Chemistry and Statistics
 - ✓ Mathematics and Chemistry
 - ✓ Mathematics and Statistics
 - ✓ Physics and Chemistry
 - ✓ Physics and Mathematics
 - ✓ Zoology and Chemistry
 - ✓ Zoology and Aquatic Sciences
 - ✓ Zoology and Wildlife Science and Conservation
- 11.3 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
- 11.4 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, Computer Science, 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.
- 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 360 credits for the BSc (Geol.) and BSc (Eng Geol.) degrees and 240 credits for the other 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 more than 360 credits in a three year programme, or 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. 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 or 480 provided that regulations Nos. 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 the College of Science, 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 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. For students taking BScEd the two major subjects will be Science and Education *i.e.* the science major subject will comprise prescribed courses from two teaching disciplines/subjects. A student taking a Science subject as a double major must score an overall GPA of at least 1.8 in all core courses in that subject to qualify for supplementary examinations.
- 19.2 Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.
- 19.3 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.
- 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 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.

Practical Training

CoNAS runs a practical training programme in which students enrolled in the BScBotSc, BScGen, BScGeo, BScEngGeo, BScPGeo, BScMolBioBTech, BScChem, BScWSc, BScMicr, BScPChem, BScMet 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%
TOTAL	100%

2.1 Assessment by the Employer

The Employer using an assessment forms 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 in Education

Code	Course Title	Credit	Semester	Core/Option
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspective II	8	2	Option
DS 211	Entrepreneurship, small business and development	8	1	Option
SC 215	Scientific Methods	8	1	Option
EV 300	Environmental Science II	8	2	Option

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 130	Evolutionary Botany	12	1	Core
ZL 210	Vertebrate Anatomy and Physiology I	8	1	core
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	Option

Code	Course Title	Credit	Semester	Core/Option
BT 218	Metabolic Physiology and Plant Growth	8	2	Option
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	Option
BT 211	Fundamentals of soil science	8	1	Option
BL 331	Cell Biology and Molecular Genetics	12	1	Option

Bachelor of Science General

Code	Course Title	Credit	Semester	Core/Option
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Common Courses

DS101	Development Perspectives I*	8	1	Core
IS 131	Introduction to Informatics and Microcomputers**	8	1	Option
DS102	Development Perspectives II*	8	2	Core
SC215	Scientific Methods**	8	1	Core
EV200	Environmental Science I*	8	1	Core
DS211	Entrepreneurship, Small Business and Development	8	1	Option
MK 201	Small Business and Entrepreneurship	12	2	Option

* Core to all students

** SC 215 will remain optional for Physics and Mathematics

***IS 131 strongly recommended optional courses for Biology and Chemistry students

BL 111	Introductory Cell Biology and Genetics*	12	1	Core
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First Year

BT 130	Evolutionary Botany	12	1	Core
MC 100	Fundamentals of Microbiology**	12	1	Core
BL 113	Ecology I*	8	2	Core
CH 113	Chemistry for Life Sciences**	12	2	Core
BT 113	Introduction to Plant Physiology	8	2	Core

Second Year

BT 225	Taxonomy of higher Plants	12	1	Core
BL 215	Ecology II	12	1	Core
BT 218	Metabolic Physiology and Plant Growth	8	2	Option
BT 211	Fundamentals of Soil Science	8	1	Option
BT 221	Management and Conservation of Soils	12	2	Option
BT 215	Introduction to Mycology	8	1	Option
BL 234	Biostatistics I*	12	1	Option
BT 217	Plant Genetics and Evolution	8	2	Option

Third Year

BT 319	Practical training	12	2	Core
BL 390	Research Project	12	1	Core
BT 323	Algal Ecology and Systematics	12	2	Core
BT 327	Anatomy of Angiosperms	8	2	Core
BT 335	Plant Breeding and Genetic Manipulation	8	2	Option
BT 337	Plant Tissue Culture	8	1	Option
BT 356	Plant Diversity and Conservation	12	1	Option
EV 300	Environmental Science II	8	1	Option
BT 321	Applied Plant Physiology	8	1	Option
BT 341	Economic Botany	12	2	Option
BT 329	Plant Ecology and Phytogeography	12	2	Option
BT 333	Plant Pathology	8	2	Option

Code	Course Title	Credit	Semester	Core/Option
BT 350	Plant Systematics	12	2	Option

*Students pursuing BT/ZL, BL 234, BL 111, credits will be counted in ZL.
**Students pursuing BT/MC, MC 100 will be counted in Microbiology.

Bachelor of Science in Botanical Sciences

Code	Course Title	Credit	Semester	Core/Option
Common Courses				
DS 101	Perspectives of Development	8	1	Core
DS 102	Perspectives of Development II	8	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	Option
AC 102	Fundamentals of Accounting for non Business majors	12	1	Option
CH 113	Chemistry for Life Sciences Students	12	2	Core
BT 112	Principles of Plant Population Genetics	12	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	Option
ZL 122	Chordate Zoology	8	2	Option

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
BT 218	Metabolic Physiology and Plant Growth	8	2	Option
BT 215	Introduction to mycology	8	2	Option
BT 217	Plant Genetics and Evolution	8	2	Option
BL 210	Immunology for Life Scientists	12	2	Option
BL 214	Biostatistics I	12	2	Option
ZL 236	Introductory Entomology and Parasitology	12	2	Option

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	Option
BL 313	Biological Impact Assessment	8	1	Option
GE 352	Natural Resource Management	12	1	Option
BT 321	Applied Plant Physiology	8	1	Option
BT 335	Plant breeding and Genetic Manipulation	8	2	Option
BT 341	Economic Botany	12	2	Option

Code	Course Title	Credit	Semester	Core/Option
BT 350	Plant Systematics	12	2	Option
BT 351	Watershed Management	12	2	Option
BN 303	Agricultural Biotechnology	8	2	Option
BT 333	Plant Pathology	8	2	Option
BT 337	Plant Tissue Culture	8	2	Option

DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Bachelor of Science General in Applied Microbiology

Common Courses

DS101	Development Perspectives I	8	1	Core
DS102	Development Perspectives II	8	2	Core
SC215	Scientific Methods	8	1	Core
EV200	Environmental Science I	8	1	Core

First Year

MC 100	Fundamentals of Microbiology	12	1	Core
MC 130	Basic Methods and Safety in Microbiology	12	1	Core
MT 111	Mathematics for Biological and Chemical Sciences	8	1	Core
BN 112	Immunology 1	12	2	Core
MC 131	Eukaryotic Microorganisms	12	2	Option
MC 132	Practicals in Eukaryotic Microorganisms	8	1	Option

Second Year

MC 231	Microbial Nutrition and Metabolism	12	1	Core
MC 233	Environmental Microbiology	12	2	Core
MC 237	Practicals in Microbiology I	8	2	Core
BL 214	Biostatistics 1	8	2	Core
MC 232	Food Microbiology and Processing	12	1	Option
MC 234	Medical Bacteriology	12	1	Option
BN 230	Methods in Molecular Biology I	12	1	Option
BN 235	Practicals in Molecular Biology I	8	1	Option
BN 237	Immunology II	12	2	Option
MC 236	Medical Mycology	12	2	Option
MC 238	Practicals in Microbiology II	8	2	Option

Third Year

BL 390	Research Project	12	1	Core
MC 340	Practical Training	8	1	Core
MC 331	Microbial Biotechnology	12	1	Core
MC 333	Applied Mycology	12	2	Core
MC 334	Medical Virology	12	2	Core
MC 330	Entrepreneurship Microbiology	12	1	Option
MC 332	Agriculture Microbiology	12	1	Option
BN 337	Practical in Microbial Biotechnology	8	1	Option
MC 335	Practicals in Microbiology III	8	2	Option
BL 314	Biostatistics II	8	2	Option
BN 333	Downstream processing	12	2	Option
BN 338	Biosafety, Bio-policy and Bioethics	12	2	Option
BN 341	Immunology III	12	2	Option

Third Year

BL 390	Research Project	12	1	Core
MC 317	Microbial Ecology	12	1	Core
MC 321	Virology and Microbial genetics	12	2	Core
MC 313	Applied Microbiology and Biotechnology	12	2	Core
MC 301	Practical Entrepreneurship with microorganisms	12	1	Option

BL314	Biostatistics II	8	2	Option
MC 302	Aeromicrobiology	8	2	Option
EV 300	Environmental Science II	8	2	Option

Bachelor of Science in Molecular Biology and Biotechnology

Common Courses

DS101	Development Perspectives I	8	1	Core
DS102	Development Perspectives II	8	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
BN112	Immunology	12	2	Core
MC 132	Practicals in Eukaryotic Microorganisms	8	2	Core
PH 103	Applied Physics in Biology	12	2	Core
CH117	Organic Chemistry I	12	2	Option

Second Year

BN230	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
BN237	Immunology II	12	2	Core
BL 234	Biostatistics 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	Option
MC 232	Food Microbiology and Processing	12	1	Option
BN 232	Food Biotechnology	12	1	Option
MC 236	Medical Mycology	12	2	Option
MC238	Practicals in Microbiology II	8	2	Option
MC233	Environmental Microbiology	12	2	Option
BN 233	Forensic DNA Typing	12	2	Option
BN239	Molecular Developmental Biology	12	2	Option
BT 218	Metabolic physiology and plant growth	12	2	Option
BT 217	Plant genetics and evolution	8	2	Option

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
BN330	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	2	Option

BN337	Practicals in Microbial Technology	8	1	Option
BN339	Biochemistry III	12	1	Option
MC 330	Entrepreneurship Microorganisms	12	1	Option
MC332	Agricultural Microbiology	12	1	Option
ZL 336	Entomology	12	1	Option
BN 333	Down Stream Processing	12	1	Option
BN334	Molecular Cell Biology	12	2	Option
BN343	Pharmaceutical Biotechnology	12	2	Option
MC333	Applied Mycology	12	2	Option
MC334	Medical Virology	12	2	Option
BT 333	Plant Pathology	12	2	Option
BT 337	Plant Tissue Culture	12	2	Option
ZL 302	Evolution	12	2	Option
ZL338	Parasitology	12	2	Option

Bachelor of Science in Microbiology

Code	Course Title	Credit	Semester	Core/Option
Common Courses				
DS101	Development Perspectives I	8	1	Core
DS102	Development Perspectives II	2	2	Core
SC215	Scientific Methods	8	1	Core
EV200	Environmental Science I	8	1	Core
First Year				
MC 130	Basic 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
MC131	Eukaryotic Microorganisms	12	1	Core
CH118	Basic Analytical and Physical Chemistry	12	1	Core
MT111	Mathematics for Biological & Chemical Sciences	8	1	Core
BN130	Molecular Biology	12	2	Core
BN112	Immunology I	12	2	Core
MC132	Practicals in Eukaryotic Microorganisms	8	2	Core
CH 117	Organic Chemistry I	12	2	Core
PH 103	PH 103 Applied Physics in Biology	12	2	Option
ZL121	Invertebrate Zoology	8	2	Option
BL 113	113 Ecology I	8	2	Option
Second Year				
MC 231	Microbial Nutrition and Metabolism	12	1	Core
MC232	Food Microbiology and Processing	12	1	Core
BN231	Bioinformatics I	12	1	Core
MC230	Microbial taxonomy	12	2	Core
MC235	Microbial Ecology	12	2	Core
BL234	Biostatistics I	12	2	Core
MC233	Environmental Microbiology	12	2	Core
MC237	Practicals in Microbiology I	8	2	Core
MC234	Medical Bacteriology	12	1	Option
BN232	Food Biotechnology	12	1	Option
BN235	Practicals in Molecular Biology I	8	1	Option
MC 238	Practicals in Microbiology II	8	2	Option
ZL236	Introductory Entomology and Parasitology	12	2	Option
MC 236	Medical Mycology	12	2	Option
BN 237	Immunology II	12	2	Option
Third Year				
BL 390	Research Projects	12	1	Core

Code	Course Title	Credit	Semester	Core/Option
MC 330	Entrepreneurship Microorganisms	12	1	Core
MC 331	Microbial Biotechnology	12	1	Core
MC332	Agricultural Microbiology	12	1	Core
MC 340	Practical Training	8	1	Core
BL 314	Biostatistics II	8	2	Core
MC 333	Applied Mycology	12	2	Core
BN338	Biosafety, Biopolicy and Bioethics	12	2	Core
BN331	Agricultural Biotechnology	12	1	Option
BN330	Environmental Biotechnology	12	1	Option
BN337	Practicals in Microbial Technology	8	1	Option
BT 337	Plant Tissue Culture	8	1	Option
ZL 336	Entomology	12	1	Option
MC 335	Practicals in Microbiology III	8	2	Option
MC334	Medical Virology	12	2	Option
BN341	Immunology III	12	2	Option
BN333	Downstream processing	12	2	Option
ZL 338	Parasitology	12	2	Option
EV 300	Environmental Science II	8	2	Option
BT 333	Plant Pathology	8	2	Option

CHEMISTRY DEPARTMENT

Code	Course Title	Credit	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	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	Option
DS 211	Entrepreneurship, small business and Development	8	2	Option

Bachelor of Science with Education

Code	Course Title	Credit	Semester	Core/Option
First Year				
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	Option
CH 262	Analytical and Environmental Chemistry	12	1	Option
CH 280	Organic Structure, Reactions and mechanisms	12	2	Option
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	Option

Code	Course Title	Credit	Semester	Core/Option
CH 323	Organic Spectroscopy	8	2	Option

Bachelor of Science General

Code	Course Title	Credit	Semester	Core/Option
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First Year

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

Second Year

CH 248	Instrumental Methods in Analytical Chemistry	8	1	Core
CH 243	Organic Chemistry II	12	1	Core
CH 262	Analytical and Environmental Chemistry	12	1	Core
CH 241	Chemistry practical III	8	2	Core
CH 219	Systematic Inorganic Chemistry	12	2	Core

Third Year

CH 201	Chemical Thermodynamics	12	1	Core
CH 341	Chemistry Practical VI	8	1	Core
CH 290	Chemical Kinetics and Electrochemistry	12	2	Core
CH 323	Organic Spectroscopy	8	2	Core
CH 364	Coordination Chemistry	8	2	Core
CH 314	Project Work	12(6)	1	Option
CH 308	Polymer Chemistry	8	1	Option
CH 363	Chemical Waste Management	8	1	Option
CH 314	Project Work	12(6)	2	Option
CH 318	Medicinal Chemistry	8	1	Option
CH 305	Chemistry of Natural Products	8	2	Option
CH 351	Forensic Chemistry	8	2	Option
CH 374	Bio-inorganic chemistry	8	2	Option
CH 381	Physical Organic Chemistry	8	2	Option

Bachelor of Science in Chemistry

Code	Course Title	Credit	Semester	Core/Option
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First Year

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	Core/Option
CH 299	Practical Training	8	2	Core
SC 215	Scientific Methods	8	1	Option
PH 249	Fundamentals of Materials Science	8	2	Option

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	Option
CH 371	Quality Control and Assurance	8	1	Option
CH 308	Polymer Chemistry	8	1	Option
CH 353	Biochemistry	8	1	Option
CH 357	Fuel Chemistry and Technology	8	2	Option
CH 363	Chemical Waste Management	8	1	Option
CH 391	Advanced Electrochemistry	8	2	Option
CH 305	Chemistry of Natural Products	8	2	Option
CH 351	Forensic Chemistry	8	2	Option
CH 374	Bio-Inorganic Chemistry	8	2	Option

Bachelor of Science in Petroleum Chemistry

Code	Course Title	Credit	Semester	Core/Option
First year				
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	Option
GY 120	Earth Materials (Rocks and Minerals)	12	2	Option
OG 101	Introduction to Petroleum Engineering	12	2	Option

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

Code	Course Title	Credit	Semester	Core/ Option
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	Option
CH 280	Organic Structure, Reactions and Mechanisms	12	2	Option
PH 249	Fundamentals of Materials Science	8	2	Option

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	Option
CH 314	Project Work	12	1	Option
CH 331	Chemometrics	8	1	Option
CH 334	Fuel Cells	12	1	Option
CH 363	Chemical Waste Management	8	1	Option
CH 377	Industrial Chemistry	12	1	Option
CP 473	Risk Assessment and Management	12	1	Option
GM 100	Principles and Practice of Management	12	1	Option
CH 314	Project Work	12	2	Option
GY 445	Oil and Gas Policy and Environmental Law	12	2	Option
CH 335	Chemistry of Biofuels	12	2	Option

DEPARTMENT OF MATHEMATICS

Bachelor of Science in Education

Code	Course Title	Credit	Semester	Core/ Option
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	Option
MT 147	Discrete Mathematics	12	2	Option

* Should not be taken by Computer Science students.

Second Year

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	Option
MT 274	Numerical Analysis 1	12	2	Option

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	Option
MT 389	Mathematics Project	8	2	Option
MT 348	Integer and Non-Linear Programming	12	1	Option
MT 358	Graphs and Network Optimization	12	2	Option
MT 374	Numerical Analysis II	8	2	Option

Bachelor of Science General and Bachelor of Science with Geology (Majoring in Mathematics)

Code	Course Title	Credit	Semester	Core/ Option
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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 147	Discrete Mathematics	12	2	Option
MT 120	Analysis 1: Functions of a Single Variable	12	2	Core
MT 111	Mathematics for Biological Sciences	8	1	Option

Second Year

MT 200	Analysis 2: Functions of Several Variables	12	1	Core
MT 233	Mathematical Statistics I	12	1	Core
MT 278	Linear Programming	12	2	Core
MT 274	Numerical Analysis 1	12	2	Core
MT 219	History Of Mathematics	8	1	Option
MT 229	Mathematical Logic	8	1	Option
MT 266	Rigid Body Mechanics	8	2	Option
MT 249	Mathematical Logic and Formal Semantics	12	2	Option
MT 227	Linear Algebra II	8	2	Option

Third Year

MT 357	Abstract Algebra	12	1	Core
MT 310	Analysis 3: Complex Analysis 1	12	2	Core
MT 378	Queueing Theory and Inventory Models	12	1	Core
MT 346	Fluid Mechanics	12	2	Option
MT 340	Analysis 4: Real Analysis	12	1	Option
MT348	Integer and non-Linear Programming	12	1	Option
MT 358	Graphs and Network Optimization	12	2	Option
MT 370	Topology	12	2	Option
MT 360	Functional Analysis	12	2	Option
MT 374	Numerical Analysis II	8	2	Option

Bachelor of Science with Computer (Majoring in Mathematics)

Code	Course Title	Credit	Semester	Core/ Option
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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 147	Discrete Mathematics	12	2	Core
MT 120	Analysis 1: Functions of a Single Variable	12	2	Core

Second Year

MT 200	Analysis 2: Functions of Several Variables	12	1	Core
MT 233	Mathematical Statistics I	12	1	Core
MT 278	Linear Programming	12	2	Core
MT 274	Numerical Analysis 1	12	2	Core
MT 219	History of Mathematics	8	1	Option
MT 229	Mathematical Logic	8	1	Option
MT 266	Rigid Body Mechanics	8	2	Option
MT 249	Mathematical Logic and Formal Semantics	12	2	Option
MT 227	Linear Algebra II	8	2	Option

Third Year

MT 357	Abstract Algebra	12	1	Core
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Code	Course Title	Credit	Semester	Core/ Option
MT 310	Analysis 3: Complex Analysis 1	12	2	Core
MT 378	Queuing Theory and Inventory Models	12	1	Core
MT 346	Fluid Mechanics	12	2	Option
MT 340	Analysis 4: Real Analysis	12	1	Option
MT 348	Integer and non-Linear Programming	12	1	Option
MT 358	Graphs and Network Optimization	12	2	Option
MT 370	Topology	12	2	Option
MT 360	Functional Analysis	12	2	Option
MT 374	Numerical Analysis II	8	2	Option

Bachelor of Science in Actuarial Science

Code	Course Title	Credit	Semester	Core/ Option
First Year				
DS 101	Development Perspectives I	8	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 102	Development Perspectives II	8	2	Core
CL 106	Communication Skills	12	2	Core
MT 180	Introduction to Actuarial Mathematics	12	1	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

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	Optional
ST 215	Differential and Difference Equations	12	2	Optional

Third Year

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	Optional
ST 312	Stochastic Processes	12	1	Optional
MT 378	Queuing Theory and Inventory Models	12	1	Optional
MT 348	Integer and Non-Linear Programming	12	1	Optional
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	Optional
FN 301	Financial Analysis	12	2	Optional

DEPARTMENT OF PHYSICS

Bachelor of Science in Education

Code	Course Title	Credit	Semester	Core/ Option
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Common Courses

DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	2	Core

First Year

PH 127	Vibrations and 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	Option
PH 222	Advance Mechanics	8	1	Option
PH 249	Fundamentals of Materials Science	8	2	Option

Third Year

PH 319	Fundamentals of Atmospheric Physics	8	1	Option
PH 339	Electronics	12	1	Core
PH 346	Physics Project	8(1)	1	Core
PH 351	Physics of the atom	12	2	Core
PH 346	Physics Project	8(1)	2	Core
PH 364	Earth-Atmosphere system	8	2	Option
PH 334	Energy in the Environment	8	1	Option
PH 312	Elementary Particles	8	1	Option
PH 317	Fundamentals of electrodynamics	8	1	Option
PH 359	Astrophysics	8	2	Option
PH 373	The basics of NMR spectroscopy	8	2	Option

PH 332	Solid State Physics	8	2	Option
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Bachelor of Science General

Code	Course Title	Credit	Semester	Core/Option
First Year				
PH 128	Electromagnetism	12	2	Core
PH 116	Experimental Methods of Physics	8	1	Core
PH 122	Classical Mechanics	8	1	Core
PH 127	Vibrations, Waves and Optics	12	1	Core
Second Year				
PH 204	Mathematical Methods of Physics	12	1	Core
PH 222	Advanced Mechanics	8	1	Core
PH 217	Quantum Physics	12	2	Core
PH 229	Computational Physics	8	2	Core
PH 247	Experimental Methods of Physics II	8	1	Core
MT 136	Ordinary Differential Equations I	8	2	Option
IS 142	Introduction to high level programming	12	1	Option
DS 211	Entrepreneurship, Small Business and Development	12	1	Option
Third Year				
PH 346	Physics Project	8(1)	1	Core
PH 220	Statistical Thermodynamics	8	2	Core
PH 339	Electronics	12	1	Core
PH 332	Solid State Physics	8	2	Core
PH 351	Physics of the atom	12	2	Core
PH 317	Fundamentals of electrodynamics	8	1	Option
PH 319	Fundamentals of Atmospheric Physics	8	1	Option
PH 334	Energy in the Environment	8	1	Option
PH 364	The earth-atmosphere system	8	1	Option
PH 312	Elementary Particles	8	2	Option
PH 359	Astrophysics	8	2	Option
PH 373	The basics of NMR spectroscopy	8	2	Option

Bachelor of Science in Meteorology

Code	Course Title	Credit	Semester	Core/Option
First Year				
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
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

Code	Course Title	Credit	Semester	Core/Option
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	Option
MR 308	Climate Monitoring and Prediction	12	1	Option
MR 311	Aviation Meteorology	8	2	Option
MR 312	Agricultural Meteorology	12	2	Option

DEPARTMENT OF ZOOLOGY AND WILDLIFE CONSERVATION

Bachelor of Science General in Zoology

Code	Course Title	Credit	Semester	Core/Option
First Year				
BL 111	Introductory Cell Biology and Genetics	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
MC100	Fundamentals of Microbiology	12	1	Core
BL 113	Ecology I	8	2	Core
ZL 122	Chordate Zoology	8	2	Core
ZL 124	Developmental Biology	8	2	Core
CH 113	Chemistry for Life Sciences students	12	2	Core
CL I07	Communication skills for Science	12	2	Option
WS 101	Ecology and Utilization of Natural resources	8	2	Option
MT 111	Mathematics for Biological and Chemical Sciences	8	2	Option
Second Year				
ZL 210	Vertebrate Anatomy and Physiology I	8	1	Core
ZL 236	Introductory Entomology and Parasitology	12	1	Core
BL 234	Biostatistics I	12	2	Core
ZL 220	Vertebrate Anatomy and Physiology II	12	2	Core
BL 215	Ecology II	12	1	Option
ZL 206	Molluscan Biology	8	1	Option
ZL 207	Ichthyology	8	1	Option
ZL 215	Mammalia	8	1	Option
WS 202	Biology of Birds	8	2	Option
ZL 214	Herpetology	8	2	Option
Third Year				
AQ 201	Aquatic Biology**	8	1	Core
BL 390	Research Project	12(6)	1	Core
AQ 218	Aquatic Biology Field Course**	4	1	Core
BL 303	Terrestrial Biology Field course***	4	1	Core
ZL 302	Evolution	8	2	Core
BL 390	Research Project	12(6)	2	Core
ZL 307	Animal Behaviour I	8	1	Option
BL 331	Cell Biology and Molecular Genetics	12	1	Option
ZL 336	Entomology	12	1	Option
ZL 314	Environmental Physiology	8	1	Option
BL 313	Biological Impact Assessment	8	1	Option
BM 100	Principles of Management and Administration	12	1	Option
ZL 330	Trends In Zoology	8	1	Option
WS 308	Animal Behaviour II	8	2	Option
ZL 338	Parasitology	12	2	Option
AQ 319	Crustacean Biology	8	2	Option
ZL 315	Physiology of Nutrition	8	2	Option
ZL 318	Endocrinology and Reproductive Physiology	8	2	Option
BL 314	Biostatistics II	8	2	Option
BL 312	Advanced Genetics	8	2	Option
ZL 317	Experimental Physiology	8	2	Option
WS 321	Analysis and Utilization of Wildlife Populations	12	2	Option
ZL 325	Techniques in Cell and Molecular Biology	8	2	Option

*Students pursuing BT/ZL, BL 215, BL113, credits 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

Bachelor of Science General in Wildlife Science

Code	Course Title	Credits	Semester	Core/Option
First Year				
BT 130	Evolutionary Botany*	12	1	Core
MT 111	Mathematics for Biological and chemical Sciences	12	1	Core
ZL 121	Invertebrate Zoology**	8	1	Core
WS 101	Ecology and Utilisation of Natural Resources	8	2	Core
IS 131	Introduction to Informatics and Microcomputers	8	1	Option
CH 113	Chemistry for Life Sciences Students	12	2	Option
MC 100	Fundamentals of Microbiology	12	2	Option
Second Year				
ZL 215	Mammalian Biology	8	1	Core
WS 215	Range and Fire Ecology	12	1	Core
BT 225	Taxonomy of Higher Plants	12	1	Core
WS 204	Community-based Conservation and Extension	8	1	Core
WS 200	Practical Training	8	1	Core
ZL 122	Chordate Zoology**	8	2	Core
GE 251	Tourism and Leisure	12	1	Option
WS 202	Biology of Birds	8	2	Option
GE 245	Remote Sensing	12	2	Option
WS 203	Management of Wildlife in Captivity	8	2	Option
ZL 214	Herpetology	8	2	Option
WS 205	Biogeography	8	2	Option
BL 234	Biostatistics I	12	2	Option
ZL 202	Macro Evolution	12	2	Option
Third Year				
WS 301	Conservation Biology	8	1	Core
WS 300	Practical Training	8	1	Core
BL 390	Research Project	12(6)	1	Core
BT 329	Plant Ecology and Phytogeography	12	1	Core
WS 314	Economics and Legislation for Wildlife Conservation	12	2	Core
BL 390	Research Project	12 (6)	2	Core
WS 321	Analysis and Utilisation of Wildlife Populations	12	1	Core
BM 100	Principles of Management and Administration	12	1	Option
WS 306	Wildlife Diseases	8	1	Option
ZL 336	Entomology	12	1	Option
BL 313	Option Biological Impact Assessment	8*	1	Option
ZL 314	Environmental physiology	8	1	Option
GE 352	Natural Resource Management	12	1	Option
ZL 338	Parasitology	12	2	Option
WS 310	Contemporary Topics in Wild Science and Conservation	8	2	Option
BL 314	Biostatistics II	8	2	Option
WS 311	Tourism and Recreation Management	8	2	Option
WS 309	Reproduction, Growth and Nutrition in Wild Mammals	8	2	Option
GE 354	Environmental Assessment*	12	2	Option

*For WS and BT majors, BT 130 will be counted in BT

**For WS and ZL majors, ZL 121 and ZL 122 will be counted in ZL

Bachelor of Science in Wildlife Science and Conservation

Code	Course Title	Credits	Semester	Core/Option
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Common Courses

DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	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	Option
IS 131	Introduction to Informatics and Microcomputers	8	1	Option
MC 100	Fundamentals of Microbiology	12	1	Option
CL 107	Communication Skills for Science	12	2	Option
ZL 124	Developmental Biology	8	2	Option

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
BL 234	Biostatistics I	12	2	Core
GE 251	Tourism and Leisure*	12	1	Option
WS 203	Management of Wildlife in Captivity	8	2	Option
ZL 207	Ichthyology	8	2	Option
WS 205	Biogeography	8	2	Option
SC 215	Scientific Methods	8	2	Option
ZL 202	Macro-Evolution	12	2	Option

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	Option
EC 375	Resource and Environmental Economics	8	1	Option
ZL 336	Entomology	12	1	Option
BL 313	Biological Impact Assessment	8	1	Option

ZL 314	Environmental physiology	8	1	Option
GE 352	Natural Resource Management	12	1	Option
WS 310	Contemporary Topics in Wild Science and Conservation	8	2	Option
ZL 338	Parasitology	12	2	Option
BL 314	Biostatistics II**	8	2	Option
WS 311	Tourism and Recreation Management**	8	2	Option
GE 354	Environmental Assessment **	12	2	Option

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

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	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	Option
PH 103	Radiation Biology	12	1	Option
CH 111	Basic Analytical Chemistry	8	1	Option
CL 107	Communication skills for Science	12	2	Option
WS 101	Ecology and Utilization of natural resources	8	2	Option
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	Option
ZL 206	Molluscan Biology	8	1	Option
MC 234	Medical Bacteriology	12	1	Option
ZL 207	Ichthyology	8	2	Option
PH 203	Radiation Biology	12	2	Option
MC 236	Medical Mycology	12	2	Option
SC 215	Scientific Methods	8	2	Option
ZL 230	Introduction to Arachnology**	8	2	Option

Code	Course Title	Credits	Semester	Core/Option
WS 202	Biology of Birds	8	2	Option

*Core for Environmental Zoology Stream only

** Core for Entomology & Parasitology Stream only

Third Year

Environmental Zoology Stream

BL 303	Terrestrial Biology Field Course	4	2	Option
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	Option
ZL 319	Physiology of Sensory organs	12	1	Option
AF 314	Parasitology and Diseases in Fisheries**	8	1	Option
WS 306	Wildlife Diseases**	2	1	Option
ZL 324	Principles of Biosystematics	12	1	Option
BM 100	Principles of Management and Administration	12	1	Option
BN 234	Molecular Virology	12	2	Option
ZL 334	Insect Systematics	12	2	Option
BL 314	Biostatistics II	8	2	Option
BL 312	Advanced Genetics	8	2	Option
MC 235	Microbial Ecology	12	2	Option
ZL 315	Physiology of Nutrition*	8	2	Option
ZL 317	Experimental Physiology*	8	2	Option
ZL 325	Techniques of Cell and Molecular Biology	8	2	Option
ZL 340	Economic Zoology	12	2	Option

* 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	Option
MC 331	Microbial Biotechnology	12	1	Option
ZL 337	Molecular Physiology	12	1	Option
ZL 319	Physiology of Sensory organs	12	1	Option
AF 314	Parasitology and Diseases in Fisheries	8	1	Option
WS 306	Wildlife Diseases**	8	1	Option
ZL 324	Principles of Biosystematics	12	1	Option
BM 100	Principles of Management and Administration	12	1	Option
BN 234	Molecular Virology	12	2	Option
ZL 334	Insect Systematics	12	2	Option
BL 314	Biostatistics II	8	2	Option
BL 312	Advanced Genetics	8	2	Option
MK 301	Small Business Entrepreneurship	12	1	Option

Code	Course Title	Credits	Semester	Core/Option
ZL 315	Physiology of Nutrition *	8	2	Option
ZL 317	Experimental Physiology*	8	2	Option
ZL 325	Techniques of Cell and Molecular Biology	8	2	Option
ZL 340	Economic Zoology	12	2	Option

* Recommended for Environmental Zoology stream

** Recommended for Entomology & Parasitology stream

DEPARTMENT OF GEOLOGY

Bachelor of Science in Geology

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	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	Option
CH 117	Organic Chemistry I	12	2	Option
ST 118	Time Series and Index Numbers	12	2	Option
IS 131	Introduction to Informatics and Microcomputers	12	2	Option
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	Option
GY 333	Applied Geophysics	12	1	Option
MT 114	Computers and Programming	12	1	Option
MT 161	Matrices and Basic Calculus For Non-Major	12	1	Option
SC 215	Scientific Methods	8	1	Option
CL 108	Communication Skills for Commerce and Management	12	2	Option
DS 200	Development Studies I	8	2	Option
Third Year				
GY 310	Principles of Stratigraphy and Palaeontology	12	1	Core

Code	Course Title	Credits	Semester	Core/Option
GY 336	Introduction to Hydrogeology	12	1	Core
GY 361	Magmatic Petrology	12	1	Core
GY 371	Geotectonics	12	1	Core
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		Core
GY 312	Palaeontology	12	1	Option
GY 333	Applied Geophysics	12	1	Option
GY 338	Petroleum Geophysics	12	1	Option
EV 200	Environmental Science I	8	2	Option
EV 300	Environmental Science II	8	2	Option
ST 118	Time Series and Index Numbers	12	2	Option
MT 171	One Variable Calculus for Non Majors	12	2	Option
GY 260	Sedimentology and Sedimentary Petrology	12	2	Option
GY 301	Petroleum Geology II	12	2	Option
GY 351	Fundamentals of Seismology	8	2	Option
GY 352	Marine Geology	8	2	Option
GY 356	Applied Geochemistry	12	2	Option

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	Option
GY 406	Petroleum Geology	12	1	Option
MT 161	Matrices and Basic Calculus for Non Majors	12	1	Option
SC 215	Scientific Methods	8	1	Option
MN 480	Mineral Economics	12	1	Option
GY 351	Fundamentals of Seismology	8	2	Option
GY 404	Mineral Processing	8	2	Option
GY 408	Basement Analysis	8	2	Option
GY 410	Advanced Hydrogeology	8	2	Option
GY 424	Rock Excavation and Support	8	2	Option
GY 445	Oil and Gas Policy and Environmental Law	12	2	Option
GY 457	Isotope Geology	8	2	Option
MM 343	Geostatistics	8	2	Option

Bachelor of Science in Engineering Geology

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	2	Core
DS 102	Development Perspectives II	8	2	Core
EV 200	Environmental Science I	8	1	Core

First Year

Code	Course Title	Credits	Semester	Core/Option
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	Option
GY 265	Geological Mapping I	4		Option

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		Core
MT 114	Computer Programming	12	1	Option
SC 215	Scientific Methods	8	1	Option
GY 229	Introduction to Geochemistry	12	1	Option
GY 263	Fundamentals of Geophysics	12	2	Option
CL 108	Communication Skills for Commerce and Management	12	2	Option
DS 200	Development Studies I	8	2	Option

Third Year

GY 250	Mineralogy and Crystallography	12	1	Core
GY 336	Introduction to Hydrogeology	12	1	Core
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		Core
GY 333	Applied Geophysics	12	1	Option
GY 338	Petroleum Geophysics	12	1	Option
MT 210	Several Variable Calculus for Non-Major	12	1	Option
GY 260	Sedimentology and Sedimentary Petrology	12	2	Option
GY 263	Fundamentals of Geophysics	12	2	Option
GY 311	Metallic Mineral Deposits	12	2	Option
GY 344	Soil and Geomorphology	12	2	Option
GY 351	Fundamental of Seismology	8	2	Option
GY 352	Marine Geology	8	2	Option
GY 356	Applied Geochemistry	12	2	Option

Code	Course Title	Credits	Semester	Core/Option
GY 364	Metallic Mineral Deposits and Ore Microscope	12	2	Option
EV 300	Environmental Science II	8	2	Option
ST 116	Mathematics II	12	2	Option
ST 118	Time Series and Index Numbers	12	2	Option
MT 120	Analysis 1: Functions of a Single Variable	12	2	Option
MT 171	One Variable Calculus for Non Majors	12	2	Option

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	Option
GY 402	Industrial Minerals and Rocks	12	1	Option
GY 403	Mining Geology and Ore Evaluation	12	1	Option
GY 406	Petroleum Geology	12	1	Option
GY 412	Ore Microscope	8	1	Option
GY 413	Mining Geology	12	1	Option
MK 100	Introduction to Business	12	1	Option
ST 120	Basic Mathematics I	12	1	Option
MT 127	Linear Algebra	12	1	Option
TR 331	Highway Materials	12	1	Option
MN 480	Mineral Economics	12	1	Option
GY 344	Geomorphology and Soils	12	2	Option
GY 349	Data Analysis Methods in Petroleum Geology	12	2	Option
GY 351	Fundamental of Seismology	8	2	Option
GY 355	Geological Mapping II	12	2	Option
GY 356	Applied Geochemistry	12	2	Option
GY 401	History of the Earth	8	2	Option
GY 410	Advanced Hydrogeology	8	2	Option
GY 446	Environmental Geology	8	2	Option
TR 212	Foundation Engineering	12	2	Option
TR 324	Pavement Design and Maintenance	12	2	Option
TM 400	Engineering Ethics and Professional Conduct	8	2	Option

Bachelor of Science with Geology

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	2	Core
EV 200	Environmental Science I	8	1	Core

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	12	1	Option

Code	Course Title	Credits	Semester	Core/Option
	majors			
IS 161	Basic Computer Applications	12	1	Option
MT 114	Computer Programming	12	1	Option
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	Option
SC 215	Scientific Methods	8	1	Option
GY 252	Fundamentals of Engineering Geology	12	1	Option
MT 100	Foundations of Analysis	12	1	Option
MT 114	Computer Programming	12	1	Option
DS 207	Population Environment and Development	12	1	Option
GY 230	Petroleum Geology I	8	1	Option
GY 245	Remote Sensing and GIS Application	12	2	Option
MT 136	Ordinary Differential Equations 1	8	2	Option
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	Option
GY 333	Applied Geophysics	12	1	Option
GY 371	Geotectonics	12	1	Option
EV 300	Environmental Science II	8	2	Option
CH 305	Chemistry of Natural Products	12	2	Option
GY 260	Sedimentology and Sedimentary Petrology	12	2	Option
GY 301	Petroleum Geology II	12	2	Option
GY 344	Geomorphology and Soil	12	2	Option
GY 351	Fundamental of Seismology	8	2	Option
GY 352	Marine Geology	12	2	Option
GY 356	Applied Geochemistry	12	2	Option
GY 372	Coal Geology	12	2	Option
GY 485	Practical Training	8	2	Option
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 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
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	Option
GY 406	Petroleum Geology	12	1	Option
GY 431	Dam Geology	8	1	Option
MK 100	Introduction to Business	12	1	Option
MN 480	Mineral Economics	12	1	Option

Code	Course Title	Credits	Semester	Core/Option
GY 260	Sedimentology and Sedimentary Petrology	12	2	Option
GM 100	Principles and Practice of Management	12	2	Option
AS 103	Introduction to Quantitative Research Methods	12	2	Option
CL 108	Business Communication	12	2	Option
GY 311	Metallic Mineral Deposits	12	2	Option
GY 344	Geomorphology and Soil	12	2	Option
GY 352	Marine Geology	8	2	Option
GY 356	Applied Geochemistry	12	2	Option
GY 362	Metamorphic Petrology	12	2	Option
GY 404	Mineral Processing	8	2	Option
GY 410	Advanced Hydrogeology	8	2	Option
GY 423	Applied Rock Mechanics	12	2	Option
GY 424	Rocks Excavation and Support	8	2	Option

Bachelor of Science in Petroleum Geology

Code	Course Title	Credits	Semester	Core/Option
Common Courses				
DS 101	Development Perspectives I	8	1	Core
DS 102	Development Perspectives II	8	2	Core
EV 200	Environmental Science I	8	1	Core

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	Option
MT 104	Computers and programming	12	2	Option
IS 131	Introduction to Informatics and Microcomputers	12	2	Option

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	Option
GY 252	Fundamental of Engineering Geology	8	1	Option
OG 101	Introduction to Petroleum Engineering	12	2	Option

Third Year

GY 310	Principles of Stratigraphy and Paleontology	12	1	Core
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Code	Course Title	Credits	Semester	Core/Option
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	Option
GY 371	Geotectonics	12	1	Option
GY 344	Geomorphology and Soils	12	2	Option
GY 311	Metallic Mineral Deposits	12	2	Option
GY 351	Fundamental of Seismology	8	2	Option
GY 356	Applied Geochemistry	12	2	Option
GY 363	Integrated Prospecting Methods	12	2	Option
GY 372	Coal Geology	12	2	Option
GY 485	Practical Training	8		Option

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	Option
CH 252	Chemistry of Coal	12	2	Option
GY 446	Environmental Geology	8	2	Option
GY 401	History of the Earth	8	2	Option

*Students pursuing BT/ZL, BL 215, BL113, units will be counted in Botany

**For ZL/AQ majors will take ZL206 Molluscan Biology (2 units) instead of AQ 201 & AQ 218

*** Students pursuing ZL/WE will not take BL 303 Terrestrial Biology Field course

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***C. C. Joseph, BScEd, MSc (Dar), PhD (Nijmegen)

F. N. Ngassapa, MSc, PhD (Moscow)

S. J. M. Mdachi, DipEd (Mkwawa), BScEd, (Dar), MSc, PhD (Oslo)

***L. D. Akwilapo, DipEd (Mkwawa) BScEd, MSc (Dar), PhD (Trondheim)

Y. M. M. Makame, BSc (Dar), MSc, PhD (Trondheim)

J. A. M. Mahugija, BScEd, MSc, PhD (Dar)

S. S. Nyandoro, BScEd, MSc, PhD (Dar)

Q. A. Mgani, BScEd, MSc (Dar), PhD (New Mexico)

Lecturers

C. A. Mgina, BSc, MSc (Dar), PhD (Nijmegen)

A. S. Mwakaboko, BSc, MSc (Dar), PhD (Nijmegen)

J. Y. N. Phillip, DipEd (Mkwawa), BEd (Sc.), MSc (Dar), Lic. Eng. (Lund) PhD (Dar)

J. J. E. Munissi, BSc, MSc, PhD (Dar)

R. Peter, BSc (Dar), MSc (UB), PhD (New Mexico)

M. M. Ndoile, BScEd, MSc (Dar), PhD (UKZN)

K. F. Kilulya, BScEd, MSc (Dar), PhD (UJ)

F. Lyatuu, BSc (Gen), (Dar), MSc (Newcastle), PhD (Marburg)

G. Kinunda, BScEd, MSc (Dar), PhD (UKZN)

Assistant Lecturers

*N. Komba, DipEd (Monduli), BScEd, MSc (Dar)

*E. C. Mapunda, DipEd (Morogoro), BScEd, MSc (Dar)

*F. Jacob, BScEd (Dar), MSc (AIST-Abuja)

G. Deogratus, BScEd, MSc (Dar)

M. Makungu, BScEd (DUCE), MSc (Nairobi)

*G.B. Shombe, BScChem, MSc (Dar)

Tutorial Assistant

*E. Xwaymay, BScChem (Dar)

*H. Kahimbi, BScEd (MUCE)

*N.A. KASIMU, BScEd (Dar)

Chief Laboratory Scientists

F. Sung'hwa, FTC (DIT), BSc, MSc (Dar), PhD (Nijmegen)

L. Mwamtobe, DipEd (Mkwawa), BScEd, MSc (Dar)

S. Masoud, BSc, MSc (Moscow)

L. Illomo, DipEd (Mkwawa), BSc, MSc (Dar)
A. Mlingi, (C&G, London), AdvDipAnalChem (IST, Manchester), BSc (OUT), MSc (Dar)
M. Mayuni, FTC (DIT), BSc, MSc (Dar)

Principal Laboratory Scientist

G. S. Malisa, (C&G, London), AdvDipAnalChem (IST, Manchester), PGDScComp (Dar)

Laboratory Scientist I

P. Godfrey, BScEd (Dar)
*R. Irunde, BScEd, MSc (Dar)

Chief Technicians

B. Sindatuma, FTC (DIT)
J. Peter, FTC (Rwegarulila Water Resources Institute)
D. L. Mwansasu, FTC (DIT) Glass Blowing (UK)

Principal Technicians I

E. Fredrick, FTC (Rwegarulila Water Resources Institute)

Laboratory Assistants I

T. R. Mlawa, Laboratory Assistant Grade I
S. Zuberi, Laboratory Assistant Grade I

Department of Geology

Lecturer and Ag.Head

E. E. Mshiu, BSc, MSc (Dar), PhD (Martin Luther)

Professors

M. A. H. Maboko, BSc, MSc (Dar), PhD (ANU)
J. R. Ikingura, BSc (Dar), MSc, PhD (Carleton)

Associate Professors

***A. H. Mruma, BSc, MSc, PhD (Dar)
E. I. Mbede, BSc (Dar), MSc DIC (London), Dr. rer. nat. (TU, Berlin)
H. H. Nkotagu, BSc (Dar), MSc (London), MPhil, Dr. rer. nat. (TU, Berlin)
S. Many, BSc, MSc, PhD (Dar)

Senior Lecturers

C. P. Kinabo, BSc (Dar), MScDIC (London), Dr.Ing. (Clausthal)
C. Z. Kaaya, BSc, MSc (Dar), Dr. rer. nat. (Cologne)
I. M. Marobhe, BSc (Dar), MScDIC (London), DipGeo (ITC, Delft), DTech (TU, Helsinki)
N. Boniface, BSc, MSc (Dar), PhD (Kiel)

Lecturers

F. W. Richard, BSc, MSc (Dar), PhD (Uppsala)
G. D. Mulibo BSc, MSc (Dar), PhD (Penny)
E. O. Kazimoto, BSc, MSc (Dar), PhD (Kiel)
E. E. Mshiu, BSc, MSc (Dar), PhD (Martin Luther)
K. Charles, BSc, MSc (Dar), PhD (Cape Town)
C. Mtelela, BSc, MSc (Dar), PhD (JCU)

Assistant Lecturers

*J. J. Saroni, BSc, MSc (Dar)
*O. Saitabau, BSc (Dar), MSc (LMU, TUM)
K. Lupogo, BSc (Dar), MSc (Delft)
*R. L. Gama, BSc (Dar), MSc (IUEM, UBO)
*S. R. Melchior, BScEng, MSc (Rorkee)
*R. J. Massawe, BSc (Dar), MSc (Acadia)
E. Mulaya, BSc (Dar), MSc (NTNU)
J. W. Gama, BSc (Dar), MSc (IFP School)

*E. Kiswaka, BSc (Dar), MSc (NTNU)

Tutorial Assistants

E. Abdalla, BSc (Dar), MSc (UNESCO-IHE)

C. John, BSc (Dar)

C. Lugangizya, BSc (Dar)

N. D. Kobare, BSc (UDOM)

S. Magohe, BSc (Dar)

*M.C. Moshi, BSc (Dar)

Chief Laboratory Scientist

J. K. Mujumba, BSc (Dar), MSc (La Trobe), PhD (Dar)

Principal Laboratory Scientist II

P. Machibya, NSC, NDMM (DSA), BScEd, MEM (Dar),

Senior Laboratory Scientist I

C. Messo, BSc, MSc (Dar), PhD (Okoyama)

*S. Ngassala, BSc, MSc (Dar)

Chief Technician

M. A. M. Songo, FTC (Dar), BSc (OUT, Dar), MSc (Dar)

Technician II

*J. Edmund, DipScLabTech (DIT)

A. Haule, FTC (MRI, Dodoma), BSc (Dar)

Department of Mathematics

Associate Professor and Head

E.W. Mureithi, BEd (Maths), MSc. (Kenyatta, Kenya), PhD (New South Wales, Australia)

Professors

R.W.Masenge

Associate Professors

A.R. Mushi, BScEd(Dar), MMS (UCD, Dublin), PhD (DCU, Dublin)

E.S. Massawe, BScEd(Dar), MSc, PhD (Dublin)

S. Kumar, BSc. (Gen) (Agra, India), MSc. (Agra, India), PhD (Aligarh Muslim Univ., India)

Senior Lecturers

C.B. Alphonse, BScEd, MSc(Dar), PhD (UCD, Dublin)

***W.M. Charles, BScEd(Dar), MSc (Zimbabwe),PhD (Tu Delft, The Netherlands)

E. Mujuni,BSc(Dar), MSc (Zimbabwe),PhD(Dar)

N. Shaban, BEd (Sc.), MSc, PhD (Dar)

S.E. Rugeihyamu, BScEd(Dar), DipMath, MSc (Dublin), PhD (Cork)

Lecturers (PhD)

G.K. Kakiko, BEd(Dar), DipMath, MSc, PhD (Dublin)

M. Mwanzalima, BScEd(Dar), MMath (Makerere), PhD (Dar)

H. Rwezaula, BScEd, MSc (Dar), PhD(Dublin)

T. Marijani, BSc(Dar), MSc (Stellenbosch), PhD(Stellenbosch)

**S. Isambi,BSc(Dar), MSc(LUT, Finland), PhD (LUT, Finland)

S. Sima, BScEd, MSc(Dar), PhD (Witwatersrand, South Africa)

D. Koloseni,BScEd, MSc(Dar), PhD (LUT, Finland)

M. Mpimbo,BScEd, MSc(Dar), PhD(Kent State University, USA)

M. Mkandawile, BScEd (Makerere), MSc(Dar), PhD(Dar)

M. Rashid, BSc, MSc (Dar), PhD (Dar)

G. Mlay, BScEd(Dar), MSc(LUT, Finland), PhD (NMAIST)

J. Makungu,BSc(Dar), MSc(LUT, Finland), PhD (NMAIST)

I. Amour, BScEd(Dar), MSc(LUT, Finland), PhD(LUT, Finland)

Assistant Lecturers

- *A. Isdory, BScEd(Dar), MSc (Zimbabwe)
- *S. Pitos, BScEd(Dar), MSc(LUT, Finland)
- *E. Evarist, BScEd, MSc (Dar)
- W. Levens BScEd, MSc (Dar)
- *J. Andongwisye, BScEd, MSc (Dar)
- S. Suleiman BScEd, MSc (Dar)
- *U. Ngulo, BSc(Ed), MSc (Dar)
- D. Kabuche, BScAct (Dar), MSc (Aberdeen, UK)
- L. Shilingi, BScAct (Dar), MSc. (India)
- A. Mandia, BScAct (Dar), MSc. (India)

Tutorial Assistants

- *Salvatory Kessy, BSc. (Actuarial) (Dar), Structured MSc. (AIMS)
- *E. Mrema, Bed (DUCE)
- *I. Maduhu, BScAct (Dar)

Principal Technician II

- W. Lwiza, AdvDipEng,(DIT), PGDEEICT (Dar)

Department of Molecular Biology and Biotechnology

Professor and Head

- A. M. Mshandete, Dip Ed (Mkwawa), BSc(Ed), MSc, PhD (Dar)

Professors

- A. K. Kivaisi, BSc (Dar), MSc (Stockholm, Sweden), PhD (Dar)
- G. Y. S. Mtui, BSc (Dar), MSc, PhD (Kanazawa, Japan)

Associate Professors

- F. S. S. Magingo, BSc (Ed.), MSc, PhD (Dar)
- T. J. Lyimo, BSc, MSc, PhD (Dar)
- S. L. Lyantagaye, BSc, MSc (Dar), PhD (Western Cape, South Africa)
- D. D. Tibuhwa, BSc, MSc, PhD (Dar)

Senior Lecturers

- K. M. M. Hosea, BScEd, MSc, PhD (Dar)

Lecturers

- A. V. Makene, BSc, MSc, PhD (Dar)
- R. Masalu, BSc, MSc, PhD (Dar)
- D. G. Maeda BSc (Dar), MSc (Heidelberg, Germany), PhD (Hannover, Germany)
- S. A. A. Kassuwi, BSc (Dar), MSc (Turku, Finland), PhD (Dar)
- G. E. Temu, BSc, MSc, PhD (Dar)
- A. Mahadhy, BSc (Dar), MSc, PhD (Lund, Sweden)
- M.D. Nkungu BSc, MSc (Dar), PhD (Braunschweig, Germany)

Assistant Lecturers

- *C. B. Mpinda BSc (Dar), MSc (MUHAS)
- *S. Hamad, BSc, MSc (Dar)
- * J. H. Mahamoud B.Sc, MSc (Dar)
- *F.N. Mpenda B.Sc (Dar), MSc (NMIST)
- *A.D. Mwakilili, B.Sc, MSc (Dar)

Tutorial Assistant

- *H.H. Myovela, B.Sc. (Dar)

Principal Laboratory Scientist II

- E. M. Sosovele, BSc (OUT), MSc, PhD (Dar)

Senior Laboratory Scientist I
P. Raymond, BSc, MSc (Dar)

Senior Laboratory Scientist II
F. Patrick Kisoka BSc, MSc (Dar)
C. Misanga. BSc (Dar), MSc (Wageningen, Netherlands)
***L. Mwangoka, BSc, MSc (Dar)

Senior Laboratory Scientist III
W. E. Kimaro, BSc, MSc (Dar)

Chief Technicians
W. P. Shimba, FTC (DIT, Dar), BSc (SUA)

Senior Laboratory Technician III
S. Shamte, FTC, B.Sc (DIT, Dar)
J. S. Sulle, FTC (DIT, Dar), BBA, (Dar)

Laboratory Technician I
M. Henry, DipLabTech (DIT, Dar)
K. Shitindi, DipLabTech (WDMI, Dar)
A.A. Mlwisa DipLabTech (DIT, Dar), BSc (SUA)

Department of Physics

Senior Lecturer and Head
N. K. Mohammed, BSc, MSc (Dar), PhD (UK)

Associate Professor
P. K. Msaki, BSc (Lusaka), MSc (UK), PhD (Uppsala)
J. W. Kondoro BSc (ed) (Dar), MSc (USA), PhD (Germany)
R. M. R. Kainkwa, BSc, MSc, PhD (Dar)

Senior Lecturers
C. B. S. Uiso, BSc, MSc, PhD (Dar)
Y. I. Koleleni, BSc, MSc, PhD (Dar)
I. N. Makundi, BSc, MSc (Dar), PhD (Tokyo)
M. E. Samiji, BScEd, MSc (Dar), PhD (Port Elizabeth)
N. R. Mlyuka, BSc, MSc, PhD (Dar)

Lecturers
A. B. Malisa, BSc (Dar), MSc, PhD (Chalmers, Sweden)
M. Mazunga, BSc, MSc (Dar), PhD (China)

Assistant Lecturers
*P. Lwitiko, BSc, MSc (Dar)
*M. Kumwenda, BSc, MSc (Dar)
*I. Lugendo, BSc, MSc (Dar)
*R. Juma, BSc (Dar), MSc (Dar)
*P. T.S. Limbu, BSc (Dar), MSc (China)
K. Laban, BSc (Dar), MSc (China)
J. John, BSc, MSc (Dar)
M. Mohammed, BSc, MSc (Dar)

Tutorial Assistant
*D.O. Mbigi, BSc, (Dar)
*G.D. Sungi, B.Sc, (Dar)E.K.
*Makula, B.Sc, (Dar)
Head of Technical Staff and Laboratory Scientists I
E. Rwenyagila, BScEd (Dar), MSc (Switzerland), PhD (Nigeria)

Chief Technicians

B. Kazimili, FTC (Arusha)

A. G. Nyenyembe, FTC (Arusha)

Principal Laboratory Engineers II

A. M. Mnyabwilo, BScEng (Dar)

M. K. Mtelela, AdvDipEng (DIT)

Department of Zoology and Wildlife Conservation

Senior Lecturer and Head

F. J. Magige, BSc, MSc (Dar), PhD (NTNU)

Senior Lecturers

J. G. Yarro, BSc, MSc, PhD (Dar)

P. F. Kasigwa, BSc, MSc (Dar), PhD (Sussex)

F. M. Urasa, BSc, MSc, PhD (Dar)

H. B. Pratap, BSc, MSc (Gujarat), PhD (Dar)

F. A. Mturi, BSc PhD (Dar)

G. Nkwengulila, BSc (Dar), MSc, PhD (Liverpool)

C. L. Nahonyo, Dip Wildl. Mgt. (Mweka), BSc, MSc (Dar), PhD (Kent)

H. Y. D. Kiwia, Dip Wildl. Mgt. (Mweka), BSc, MSc, PhD (Dar)

M. A. Njau, BSc, MSc, PhD (Dar)

B. A. Nyundo, BSc, MSc, PhD (Dar)

Lecturers

J. John, BSc (SUA), MSc (Dar) PhD (SNU, Seoul)

F. Stephano, BSc, MSc (Dar), PhD (CAU-Kiel Germany)

V. Jestina, BSc, MSc (Dar), PhD (Pretoria)

F. D. Chibwana, BSc, MSc, PhD (Dar)

C. Werema, BSc, MSc, PhD (Dar)

W. Ngalason, BSc, MSc, PhD (Dar)

Assistant Lecturers

*M. Kibaja, BSc, MSc (Dar)

*M. Shilereyo, BSc, MSc (SUA)

Y. Chuhila, BSc (Dar), MSc (Nairobi)

A.B. Ahungu, B.Sc (Dar), MSc (NM-AIST)

S.Temu, BSc, M.Sc, (Dar)

Tutorial Assistants

H. Mfaume, BSc (Dar)

*J.V.Lyakurwa, BSc, (Dar)

*S.F. Ndunguru, BSc (Dar)

*J. Kachungwa, BSc (Dar)

Chief Laboratory Scientist

S. P. Nyalusi, DMLT (EA), CertInsPhysio (UK), CertHTech (Netherlands), BSc (OUT), MSc (Dar)

J. Kyomo, BSc (Dar), MSc (IHE)

Senior Laboratory Scientist III

I. M. Chiduo, BSc, M.Sc (Dar)

P. S. Nzumbi, BSc, M.Sc (Dar)

Senior Technician III

S. Mweyo, B.Sc (OUT), FTC

Lab Scientist II

S. G. Ackrey, B.Sc (SUA).

Principal Laboratory Assistant
M. Hussein

Laboratory Assistant I
R. C. Edward

Central Science Workshop

Manager

N. R. Mlyuka, BSc, MSc, PhD (Dar)

Principal Laboratory Engineer

D.M. Lameck, FTC (DTC), ADE (DIT), PGD, MEM (Dar)

Chief Technician

R. Baruti, FTC (Arusha), Fine Mechanics (Nijmegen)

S. Musa, FTC (DTC)

M. A. Mpili, FTC (DTC), BBA (Dar)

A. Ramadhan, FTC (DTC)

* On Study Leave

**On Sabbatical Leave

***On Leave of Absence/Secondment

COLLEGE OF SOCIAL SCIENCES (CoSS)

INTRODUCTION

DEPARTMENT OF ECONOMICS

Bachelor of Arts in Economics

Students are required to take all the core courses. Shaded totals represent the minimum required credits per semester basing on the core courses. A student may choose one additional optional 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.

Code	Course Title	Core/Option	Credit
First Year: Semester I			
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 101	Development Perspective I	Core	8
			68
First Year: 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 102	Development Perspectives II	Core	8
CL 106	Communication Skills for Arts and Social Sciences	Core	12
			68
SEC 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
			60
<i>A Student May Choose only One of the Following Courses</i>			
AS 220	Pan-African Thought and Practice I	Optional	12
AS 217	Introduction to Computers	Optional	12
ST 210	Probability Distributions I	Optional	12
ST 121	Analytical Calculus	Optional	12
FN 201	Introduction to Financial Services	Optional	12
EC 221	Managerial Economics		
Second Year: 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		
AS 299	Practical Training (done during the long vacation)	Core	12
			72

Code	Course Title	Core/Option	Credit
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 Econometrics	Core	12
			60
<i>A Student May Choose only One of the Following Courses</i>			
EC 367	Industrial and Production Economics I	Optional	12
EC 368	Transport Economics and Industrial Location I	Optional	12
EC 369	Agricultural Economics I	Optional	12
EC 370	Laboratory or Economics and Human Resources I	Optional	12
EC 375	Natural Resources and Environmental Economics I	Optional	12
EC 386	Cost-Benefit Analysis I	Optional	12
EC 390	Health Economics	Optional	12
			60
Third Year: Semester II			
EC 374	Applied Quantitative Methods	Core	12
EC 376	Economic Policy, Planning and Programming III	Core	12
EC 381	Monetary Economics II	Core	12
EC 382	Public Finance III	Core	12
EC 383	International Economics II	Core	12
			60
Third Year: Semester II			
EC 377	Industrial and Production Economics II	Optional	12
EC 378	Transport Economics and Industrial Location II	Optional	12
EC 379	Agricultural Economics II	Optional	12
EC 380	Laboratory Economics and Human Resources II	Optional	12
EC 385	Natural Resources and International Economics II		
EC 387	Cost Benefit Analysis II	Optional	12
EC 391	Health Economics II	Optional	12
AS 221	Pan-African Thought and Practice II	Optional	12
			60

Bachelor of Arts in Economics and Statistics

Students are required to take all the core courses. Shaded totals represent the minimum required credits per semester basing on the core courses. A student may choose one additional optional course from the list provided under a relevant semester and not from elsewhere. Compulsory Second-Year Practical Training (AS299 - see below) conducted for 8 weeks during the long vacation, *i.e.* outside the two classroom semesters is not included in the total minimum/maximum count.

Code	Course Title	Core/Option	Credit
First Year: Semester I			
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 101	Development Perspective I	Core	8
			68
First Year: 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 102	Development Perspectives II	Core	8
CL 106	Communication Skills for Arts and Social Sciences	Core	12

Code	Course Title	Core/Option	Credit
			68
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
			60
<i>Students may choose only one of the following courses</i>			
AS 220	Pan-African Thought and Practice I	Optional	12
AS 217	Introduction to Computers	Optional	12
ST 220	Basic Demography Models	Optional	12
FN 201	Introduction to Financial Services	Optional	12
			72
Second Year: 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 Distribution II	Core	12
ST 212	Statistical Inference I	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
AS 299	Practical Training (done during the long vacation)	Core	12
			72
Third Year: Semester I			
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 316	Statistical Quality Control	Core	12
ST 312	Stochastic Processes	Core	12
			72

Total Minimum Number of (Core)Credits for BA (Economics and Statistics) Programme: 412

DEPARTMENT OF GEOGRAPHY

Bachelor of Arts in Geography and Environmental Studies

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 optional 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. GE 399(Dissertation) may be opted only upon approval by the Head of Department.

Code	Course Title	Core/Option	Credit
First Year: Semester I			
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 101	Development Perspectives 1	Core	8
CL 106	Communication Skills for Arts and Social Sciences	Core	12
			68
First Year: 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

Code	Course Title	Core/Option	Credit
DS 102	Development Perspectives II	Core	8
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
			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	Optional	12
AS 217	Introduction to Computers	Optional	12
			72

Second Year: Semester II

GE 241	Biogeography	Core	12
GE 245	Remote Sensing	Core	12
GE 246	Hydrometeorology	Core	12
GE 247	Population Studies	Core	12

A student may select one or two courses from the following

GE 248	Transport Systems	Optional	12
GE 252	Medical Geography	Optional	12
AS 299	Practical Training (done during the long vacation)	Core	12
			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	Optional	12
GE 348	Disaster Management	Optional	12
GE 344	Regional Development Planning	Optional	12
GE 355	Geography of Economic Inequalities	Optional	12
GE 399	Dissertation++	Optional	24
			72

Third Year: 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	Optional	12
GE 349	Contemporary Geography	Optional	12
GE 341	Agriculture and Rural Settlement	Optional	12
GE 346	Project Planning and Management	Optional	12
GE 345	Regional Development Planning in Tanzania	Optional	12
GE 399	Dissertation++	Optional	24
			60

DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

B.A. (Political Science and Public Administration)

Shaded totals represent the minimum required credits per semester from core courses. A student is free to choose one additional optional 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. In both second and third years, students will be advised to choose areas of specialization in one of the three subject streams, that is, (i) Public Administration (ii) International Relations and (iii) Politics. PS 399 (Dissertation) may be opted only upon approval by the Head of Department.

Code	Course title	Status	Credits
FIRST YEAR: Semester I			
PS110:	Introduction to Political Science I	core	12
PS122	Political Thought I	core	12*
DS101	Development Perspectives I	core	8
AS102	Introduction to Social Science Research Methods I	core	12
PL111	Introduction to Critical Thinking and Argumentation	core	12
<i>A student must choose only one course from the following</i>			
PL100	Introduction to Philosophical Analysis	optional	12
HI103	Capitalism and Imperialism in World History	optional	12
EC116	Introductory Microeconomic Analysis I	optional	12
EC117	Introductory Macroeconomic Analysis I	optional	12
Total			68
FIRST YEAR: 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
DS102	Development Perspectives II	core	8
CL106	Communication Skills for Arts and Social Sciences	core	12
			68
SECOND YEAR: Semester I			
Specialization I: Public Administration			
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
<i>A student may choose only one course from the following</i>			
HI265	Neo-colonialism and Revolutionary Movements	optional	12
AS220	PanAfricanism Thought and Practice I	optional	12
AS217	Introduction to Computers	optional	12
SO261	Social Planning and Administration	optional	12
PL211	Theories of Social and Moral Philosophy	optional	12
SO253	Quantitative Research Methods	optional	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
			60
<i>A student may choose only one course from the following</i>			
HI265	Neo-colonialism and Revolutionary Movements	core	12
AS220	PanAfricanism Thought and Practice I	core	12
AS217	Introduction to Computers	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
			60
<i>A student may choose only one course from the following</i>			
HI265	Neo-colonialism and Revolutionary Movements	optional	12
AS220	PanAfricanism Thought and Practice I	optional	12
AS217	Introduction to Computers	optional	12
SO261	Social Planning and Administration	optional	12
PL 211	Theories of Social and Moral Philosophy	optional	12
SO253	Quantitative Research Methods	optional	12

SECONDYEAR: Semester II

Specialization I: Public Administration

190

PS236	Public Administration and Bureaucracies	core	12
PS225	Local Government	core	12
PS226	Legislature and Legislative Processes	core	12
PS227	International organizations	core	12

DEPARTMENT OF SOCIOLOGY

B.A. (Sociology)

This is a three year course for students who intend to develop an understanding of the development, structure and functioning of human society and social problems. B.A. (Sociology and Anthropology) 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.

Students are required to take all the Core courses as indicated for each specialization. Students may choose additional Optional courses from the list provided as long as the student does not exceed the maximum number of required credits per semester. The program requires that students take at least 60 credits and at most 72 credits per semester. Compulsory second-year Practical Training (PT CoSS) conducted for 8 weeks during the long vacation, i.e., outside the two classroom semesters, is not included in the total minimum/maximum count. Students may take SO 399 only if invited or upon approval by the Head of Department.

Code	Course title	Status	Credits
First Year: Semester I			
SO116	Introduction to Sociology	Core	12*
AT100	Introduction to Anthropology	Core	12
AS102	Introduction to Social Science Research Methods	Core	12
PL 111	Introduction to Critical Thinking and Argumentation	Core	12
DS101	Development Perspectives I	Core	8
CL106	Communication Skills for Arts and Social Sciences	Core	12
			68
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
DS102	Development Perspectives II	Core	8
			68
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
			60
<i>A student may take one of the following course as an option for Specialization 1</i>			
HI270	Health Disease and Healing in the 19 th and 20 th Centuries in Africa	Optional	12
AS217	Introduction to Computers	Optional	12
AS220	Pan-African Thought and Practice I	Optional	12
Specialization2: 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
			60
<i>A student may take one of the following courses for Specialization 2</i>			
SO254	Sociology of Organization	Optional	12
AS220	Pan-African Thought and Practice I	Optional	12

PS236	Public Administration and Bureaucracies	Optional	12
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
			60
<i>A student may choose one of the following for Specialisation 3</i>			
SO276	Introduction to Urban Sociology	Optional	12
AS220	Pan-African Thought and Practice I	Optional	12*
SO260	Social Planning and Administration	Optional	12
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 Organization	Core	12
SO267	Introduction to Industrial Relations and Labour Legislation	Core	12
			60
<i>A student may choose one of the following for Specialization 4</i>			
SO268	Introduction to Social Work	Optional	12
AS220	Pan-African Thought and Practice I	Optional	12
DS202	Science, Technology and Industrial Development	Optional	12
Second Year: Semester II			
Specialization I: Health and Population Studies			
SO251	Contemporary Sociological Theories	Core	12
SO284	Qualitative Research Methods	Core	12
SO280	Introduction to Social Psychology	Core	12*
SO265	Sociological Dimensions of Population Studies	Core	12
SO285	Introduction to Sociology of Sexuality	Core	12*
PT CoSS	Practical Training (CoSS)	Core	
			60
<i>A student may choose one of the following for Specialization 1</i>			
SO277	Process of Urbanization in the Third World	Optional	12
AS221	Pan-African Thought and Practice II	Optional	12
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	
			60
<i>A student may choose one of the following for Specialization 2</i>			
DS213	Planning, Public Policy and Development	Optional	12
DS214	Poverty and Development	Optional	12
AS221	Pan-African Thought and Practice II	Optional	12
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
PT CoSS	Practical Training (FASS)	Core	
			60
<i>A student may choose one of the following for Specialization 3</i>			

DS201	Rural Development and Agricultural Transformation	Optional	12
DS214	Poverty and Development	Optional	12
AS221	Pan-African Thought and Practice II	Optional	12
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
PT CoSS	Practical Training (CoSS)	Core	
			60
<i>A student may choose one of the following courses for Specialization 4</i>			
DS205	Labour Relations and Development	Optional	12
PS236	Public Administration and Bureaucracies	Optional	12
AS221	Pan-African Thought and Practice II	Optional	12
Third Year: Semester I			
Specialization I: Health and Population Studies			
SO370	Sociology of Development	Core	12
SO398	Anthropology of Development	Core	12*
SO393	Society, Culture and Health	Core	12
SO346	Social Problems of Urbanization	Core	12
WK301	Social Work and Social Development	Core	12
			60
<i>A student may choose one of the following courses for Specialization 1</i>			
GE343	Population and Development	Optional	12
SO399	Dissertation++	Optional	24
Specialization 2: Social Policy and Administration			
SO370	Sociology of Development	Core	12
SO398	Anthropology of Development	Core	12*
SO380	Social Work Methods	Core	12
SO391	Social Security and Policy Schemes	Core	12
SO397	Community Development Theory and Practice	Core	12
			60
<i>A student may choose one of the following courses for Specialization 2</i>			
WK301	Social Work and Social Development	Optional	12
GE343	Population and Development	Optional	12
SO399	Dissertation++	Optional	24
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
			60
<i>A student may choose to take the following course for Specialization 3</i>			
PL311	Professional and Civic Ethics	Optional	12
SO391	Social Security and Policy Schemes	Optional	12
SO399	Dissertation++	Optional	24
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 Participation	Core	12
SO391	Social Security and Policy Schemes	Core	12
			60
<i>A student may choose one of the following courses for Specialization 4</i>			
PL311	Professional and Civic Ethics	Optional	12
PS349	Organization and Management Development	Optional	12

SO399	Dissertation++	Optional	24
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Third Year: Semester II

Specialization I: Health and Population Studies

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
SO392	Population and Reproductive Health	Core	12
SO384	Occupational Health and Safety	Core	12
			60

A student must choose one or two of the following for Specialization 1

SO312	Guidance and Counselling	Optional	12*
WK309	Social Work and Community Health	Optional	12
SO385	Human Ecology	Optional	12
SO399	Dissertation++	Optional	24

Specialization 2: Social Policy and Administration

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
SO384	Occupational Health and Safety	Core	12
WK307	Management of Social Welfare Organizations	Core	12
			60

A student must choose one or two of the following for Specialization 2

SO312	Guidance and Counselling	Optional	12
HR303	Managerial Skills Seminar	Optional	12
PS351	Legislatures and Legislative Processes	Optional	12
SO399	Dissertation++	Optional	24

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
SO385	Human Ecology	Core	12
SO312	Guidance and Counselling	Core	12
			60

A student must choose one or two of the following for Specialization 3

SO378	Sociology of Religion	Optional	12
SO399	Dissertation++	Optional	24

Specialization 4: Labour and Industrial Relations

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
SO382	Collective Bargaining and Dispute Settlement	Core	12
SO384	Occupational Health and Safety	Core	12
			60

A student must choose one or two of the following for Specialization 4

EC370	Labour Economics and Human Resources	Optional	12
SO399	Dissertation++	Optional	24

++A student who is invited to register SO399 (Dissertation) which has 24 credits will have 72 credits. Total B.A. (Sociology) programme minimum number of credits required is 376.

ANTHROPOLOGY UNIT

This unit offers a 3 year bachelor degree programme in Anthropology (Bachelor of Arts in Anthropology- BA Anthropology). The programme aims at orienting students to the history of the discipline, theoretical debates, methodological and practical issues in Anthropology. Students in the program will be required to take compulsory university wide courses in their first year. Students will then take Core courses which are compulsory and Optional courses in anthropology or other related fields. The programme 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 vacation for 8 weeks is not included in the minimum/maximum count of credits

Code	Course Title	Status	Semester	Credits
First Year: Semester I				
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 101	Development perspectives I	Core	1	8
				68
AT104	The Anthropology of Magic, Witchcraft and Rituals	Option	I	12
First Year: 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 102	Development Perspectives II	Core	II	8
				14
AT111	Physical Anthropology and Human Evolution	Option	II	12
AT112	Nomadic and Pastoral Societies in East Africa	Option	II	12
Second Year: Semester I				
Specialization One: The Anthropology of Health				
Code	Title	Status	Semester	Credits
AT200	Advanced Anthropological Theories	Core	I	12
AT201	Ethnography as a Research Method and Text	Core	I	12
AT202	Introduction to Medical anthropology	Core	I	12
AT203	The Anthropology of Epidemiology	Core	I	12
AT204	Intergenerational Relations and Health Practices	Option	I	12
AT205	Introduction to Gender and Anthropology	Option	I	12
AT206	The Anthropology of Death and After life	Option	I	12
AT220	Urban Health	Core	II	12
SO284	Qualitative research	Core	II	12
AT221	Introduction to Gerontology	Core	II	12
PTCoSS	Practical Training	Core	II	12
AT222	The Anthropology of Hunger and Malnutrition in East Africa	Option	II	12
AT223	Anthropology of Religion	Option	II	12
AT224	Sexuality and Reproductive Health	Option	II	12
Specialization Two: Society and Environment				
Code	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	Option	I	12
AT 228	Mining and Conflict in East Africa	Option	I	12
AT 229	People, The Environment and Development	Option	1	12
AT230	Environmental Resource Use and Management	Core	II	12
AT231	Environment, Social Monitoring and Assessment	Core	II	12
SO284	Qualitative Research	Core	II	12
PT CoSS	Practical Training	Core	II	12
AT232	Horticultural and Peasant Communities in East Africa	Option	II	12
AT233	Urbanization in East Africa	Option	II	12
AT220	Urban Health	Option	II	12
Specialization Three: Political Anthropology				
Code	Title	Status	Semester	Credits
AT200	Advanced Anthropological Theories	Core	I	3

AT234	Ethnography as a Research Method and text	Core	I	3
AT235	Introduction to Political Anthropology	Core	I	3
AT236	Ethnicity, Identity and Politics	Core	I	3
AT237	Conflict and Religion in East Africa	Option	I	3
AT238	Pre-Industrial and Colonial Wars	Option	I	3
AT239	The Matrilineal Peoples of South Eastern Tanzania	Option	I	3
PT CoSS	Practical Training	Core	II	12
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
AT241	Culture and Politics in East Africa	Core	I	12
AT205	Introduction to Gender and Development	Option	II	12
AY201	Human Adaptations, Variations and Growth	Option	II	12
AT243	Introduction to Linguistic Anthropology	Option	II	12

Third Year

Specialization One: The Anthropology of Health

Code	Title	Status	Semester	Credits
SO398	Anthropology of Development	Core	I	12
AT301	Ageing, Health and Care	Core	I	12
AT300	Ethnographic Research and Writing	Core	I	12
AT399	Dissertation	Core	I	12
SO 392	Population and Reproductive Health	Option	I	12
SO393	Society, Culture and Health	Option	I	12
SO397	Community Development Theory and Practices	Option	II	12
AT320	Global Health From an Anthropological Perspectives	Core	II	12
AT321	Emerging Social Problems	Core	II	12
AT322	Anthropology of Disability	Core	II	12
AT399	Dissertation	Core	II	24
SO384	Occupation, Health and Safety	Option	II	12
AT323	The Anthropology of Poverty in East Africa	Option	II	12
AT324	Children and Youth in Contemporary Ethnography	Option	II	12

Specialization Two: Society and Environment

SO398	Anthropology of Development	Core	I	12
AT300	Ethnographic Research and Writing	Core	I	12
AT302	Political Ecology	Core	I	12
AT399	Dissertation	Core	I	12
SO346	Social Problems and Urbanization	Option	I	12
AT303	Primate Evolution	Option	I	12
GE 330	Environmental Assessment and Management	Option	1	12
AT325	Emerging Social Problems	Core	II	12
SO 385	Human Ecology	Core	II	12
SO395	Anthropological Aspects of East African Population	Core	II	12
AT399	Dissertation	Core	II	12
AT329	The Anthropology of Fishing Communities	Option	II	12
AT327	Hunters and Gatherers in East Africa	Option	II	12
AT323	Anthropology of Poverty in East Africa	Option	II	12

Specialization Three: Political Anthropology

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	Option	I	12
AT303	Primate Evolution	Option	I	12
SO396	Rural Cooperation in Tanzania	Option	I	12
AT325	Emerging Social Problems	Core	II	12
SO395	Anthropological Aspects of East African Population	Core	II	12
AY306	People and Cultures in Africa	Core	II	12
AT399	Dissertation	Core	II	12
AT327	Hunters and Gathers in East Africa	Option	II	12

AT323	Anthropology of Poverty in East Africa	Option	II	12
AT329	The Anthropology of Fishing Communities	Option	II	12

SOCIAL WORK UNIT

This unit offers a 3 year bachelor degree programme in Social Work (Bachelor of Social Work-BSW). The programme aims at equipping students with knowledge of the foundations of social work and the skills required in the discipline. Students in the program will be required to take compulsory university wide courses in their first year. Students will then take Core courses which are compulsory and Optional courses in any other related fields. The programme requires that students take at least 60 credits and at most 72 credits per semester. The compulsory second year Practical Training (FASS PT) which is taken during the long vacation for 8 weeks is not included in the minimum/maximum count of credits

Code	Course Title	Status	Credits
First Year: Semester 1			
DS101	Development Perspectives I	Core	8
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
			68
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
DS102	Development Perspectives II	Core	8
			68
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
WK206	Guidance and Counselling	Core	12
			72
Second Year: 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
			60
Third Year: Semester I			
WK301	Social Work and Social Development	Core	12
GE346	Project Planning and Management	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
			72
Third Year: 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
			72

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 Optional courses in psychology or other related fields. The program requires that students take at least 60 credits and at most 73 credits per semester. The compulsory second year Practical Training (PT CoSS) which is taken during the long vacation for 8 weeks is not included in the minimum/maximum count of credits

Code	Course Title	Status	Credits
First Year: Semester I			
PL111	Introduction to Critical Thinking and Argumentation	Core	12
DS101	Development Perspectives I	Core	8
AS102	Introduction to Social Science Research Methods	Core	12
PY100	Introduction to Psychology I	Core	12
PY102	Development Psychology I: Childhood	Core	12
PY106	Introduction to Social Psychology	Core	12
			68
CL106	Communication Skills for Arts and Social Sciences	Core	12
DS102	Development Perspectives II	Core	8
PY101	Introduction to Psychology II	Core	12
PY103	Learning and Behavioural Psychology	Core	12
PY104	Introduction to Counselling	Core	12
PY107	Psychology in the School	Core	12
			68
Second Year: Semester I			
PY200	Development Psychology: Adolescence	Core	12
PY202	Psychology of Exceptional Children	Core	12
PY204	Theories of Personality	Core	12
PY205	Abnormal Psychology	Core	12
PY208	Counselling Theories	Core	12
			60
Second Year: Semester II			
PY201	Cognitive Psychology	Core	12
PY203	Assessment of Individual Differences	Core	12
PY206	Health Psychology	Core	12
PY207	Organizational/Work Psychology	Core	12
PY209	Career Guidance and Counselling	Core	12
			60
Third Year: Semester I			
PY300	Research Methods in Psychology	Core	12
PY302	Counselling Practicum	Core	12
PY304	Psychology Research Project - Literature Survey	Core	16
			24
			64
Third Year: Semester II			
PY301	Community Psychology	Core	12
PY303	Psychological Testing and Assessment	Core	12
PY305	Psychological Research Project - Empirical Study	Core	24
			12

DEPARTMENT OF STATISTICS

Entry requirements

At least two principals passes one of which must be in advanced mathematic of the Advanced Certificate of Secondary School (ACSEE), OR, an equivalent qualification with sufficient Mathematics; or a distinction in Diploma in Statistics.

Admission into a degree in Statistic does not *NECESSARILY* require passes in any arts subject; the key requirement is advanced mathematics.

B A - Statistics

Shaded totals represent the minimum required credits per semester. A student may choose one additional optional course from the list provided under a relevant semester and not from elsewhere. Compulsory second-year Practical Training (AS 299) is conducted for 8 weeks during the long vacation.

Code	Course title	Status	Credits
FIRST YEAR: Semester I			
ST113	Basic Statistics	core	12
ST121	Analytical Calculus	core	12
CL106	Communication Skills for Arts and Social Science	core	12
DS101	Development Perspectives I	core	8
PL111	Introduction to Critical Thinking and Argumentation	core	12
A Student should choose one of the following courses			
AC100	Principles of Accounting I	optional	12
EC116	Introductory Microeconomic Analysis I	optional	12
EC117	Introductory Macroeconomic Analysis I	optional	12
Minimum required credits			68
FIRST YEAR: 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
DS102	Development Perspective II	core	8
A Student should choose one of the following courses			
AC101	Principles of Accounting II	optional	12
EC126	Introductory Microeconomic Analysis II	optional	12
EC127	Introductory Macroeconomics Analysis II	optional	12
Minimum required credits			68
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	optional	12
EC217	Intermediate Macroeconomic Analysis I	optional	12
AS217	Introduction to Computers	optional	12
AS220	Pan-African Thought and Practice I	optional	12
Minimum required credits			60
SECOND YEAR: 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	optional	12
ST217	Probability Theory II	optional	12
EC226	Intermediate Microeconomics Analysis II	optional	12
EC227	Intermediate Macroeconomic Analysis II	optional	12
AS221	Pan-African Thought and Practice II	optional	12
AS299	Practical Training (done during the long vacation)	core	0
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
ST218	Applied Statistics I	core	12
A Student may choose one of the following courses			
ST319	Design & Analysis of Experiments	optional	12
EC366	Economic Policy Planning and Programming I	optional	12
EC374	Applied Quantitative Methods	optional	12
ST326	Survival Models	optional	12
ST327	Actuarial Modelling	optional	12
Minimum required credits			60
THIRD YEAR: 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	optional	12
EC384	Applied Econometrics	optional	12
ST325	Mathematical Demography	optional	12
Minimum required credits			60

Total B.A. (Statistics) programme minimum number of (core) credits: 376.

Centre for Population Studies

The Centre offers postgraduate studies only.

INFORMATION STUDIES UNIT

Bachelor of Library and Library Studies (BLIS)

Entry Requirements

(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 obtained prior to sitting for the Advanced Certificate of Secondary Education Examination (A.C.S.E.E.) or equivalent;

AND

(b) Two principal level passes in any subject in the A.C.S.E.E. or equivalent with total points from three subjects not below 5 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

[Note: Principal level passes in Divinity/Islamic Knowledge are not counted]

OR

(c) An appropriate equivalent Diploma in Library or Records Management and Archives Administration or related fields not less than Second class/Credit level or B grade obtained from a college which is fully registered by NACTE and approved by the UDSM Senate. For Diploma qualifications that are further classified into Upper and Lower classes, the requirement shall be an Upper Second class or B+ average.

Students are required to take all the core courses. Shaded totals represent per semester basing on the core courses. A student may choose one additional course from the list provided under a relevant semester and not from elsewhere. Compulsory first year Practical Training (LS 199) and second year Practical Training (LS 299) conducted for 6 weeks each during the long vacation of the 1st year and 2nd years of their studies *i.e.*, outside the two classroom semesters, is not included in the total minimum/maximum count.

Code	Course Title	Core/Option	Credits
First Year: Semester I			
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 101	Development Perspective I	Core	8
			64
First Year: Semester II			
DS 102	Development Perspective II	Core	12
LS 104	Info Resources and Services	Core	12
LS 105	ICT and Its Applications II	Core	12
LS 106	Principles of Origination of Knowledge	Core	12
LS 107	Information and Society	Core	8
LS 108	Customer care	Core	8
LS 109	Practical Training		
			64
Second Year: Semester I			
LS 200	Info and Communication Theory	Core	12
LS 201	Organization of Knowledge I	Core	12
LS 202	Collection development & mgt	Core	12
LS 203	Qualitative Research Methods in Info Science	Core	12
LS 204	Records Mgt and Archives Admin I	Core	12
	Selected Optional Course	Option	8/12
			68/72
Second Year: 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 Optional Course	Option	8/12
			68/72
<i>A student may choose at least one course from the following courses</i>			
MK 101	Principle of Marketing	Option	12
FP 112	Fundamentals of graphic design	Option	12
PL 111	Introduction to critical thinking and argumentation	Option	12
FP 131	Fundamentals of print making	Option	12
DS 211	Entrepreneurship, SME & Development	Option	8
IS 258	PC Maintenance	Option	8
LS 210	Digital libraries	Option	8
CT 201	Educational media and technology	Option	12
LS 211	Networking	Option	8
LS 212	Information Services to Users with Special Needs	Option	8
AS 217	Introduction to Computer	Option	12
Third Year: Semester I			
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	12
	Selected Optional Course	Option	8/12
			68/72
Third Year: Semester II			
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 Optional Course	Option	8/12
			68/72
<i>A student may choose at least one course from the following courses</i>			
JO 210	Editing, layout and graphics	Option	12
LS 310	Automation of Library and Information systems	Option	8
LS 311	Preservation and Conservation of Library Resources	Option	8

LS 312	Public Librarianship	Option	8
GE 353	Geographical Information System	Option	12
IS 334	Organization and Management of Information	Option	8
MK 301	Entrepreneurship	Option	8
MK 326	Marketing of services	Option	8
AY 303	Introduction to Museum Studies	Option	8
CO 305	New media technologies	Option	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. A student will be guided by the College to pick two teaching subjects - Teaching Subject #1 and Teaching Subject #2. 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 Political Science and Public Administration
 - (vii) Economics and History
2. Compulsory University/College-wide courses
For BAEd students the following are compulsory/college-wide courses:

DS101	Development Perspectives I	8 credits
DS102	Development Perspectives II	8 credits
CL106	Communication 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 History, Geography, Fine and Performing Arts, Political Science and Public Administration or Economics.
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 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 72credits 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 English, French and Kiswahili.
 - (ii) Non-language BAEd: Students choose teaching subjects 1 and 2 from non-language subjects such as History, Geography, Fine and Performing Arts, Political Science and Public Administration or Economics.
 - (iii) Language + Non-language BAEd Students choose one language subject and one non-language subject for instance English and History; or 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 CT 107, in addition to EP 101 (36 credits).

Table 1a 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

	Semester 1	Credits	Semester II	Credits	Year Total
1 st 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	
	D101	8	DS102	8	
			CL106	12	
	Sub-total	68		68	136
2 nd Year	Teaching Subject1 (two courses)	24	TeachingSubject1 (two courses)	24	
	Teaching Subject2 (two courses)	24	TeachingSsubject2 (two courses)	24	
	CT 106orCT107	12	CT 200	12	
	EP 101	12	CT 201	12	
	Sub-total	72		72	144
3 rd Year	Teaching Subjectct1(two courses)	24	TeachingSubject1 (two courses)	24	
	Teaching Subjectt2 (two courses)	24	TeachingSsubject2 (two courses)	24	
	EA 300	12	EF 303	12	
	EP 306	12	EP300	12	
	Sub-total	72		72	288
Programme Total					424

Table1b: Distribution of credits for students taking one language and one arts subject as teaching subjects. These students have to take CT 106, CT 107 and EP 101.

	Semester 1	Credits	Semester II	Credits	Year Total
1 st 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	
	DS101	8	DS102	8	
			CL.106	12	
	Sub-total	68		68	136
2 nd 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			
	Sub-total	72		72	144
3 rd 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					424

First Year Semester I: limit is 68 credits, because DS 101 has 8 credits.

**First Year Semester II: Given the need to take DS 102, 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.

5. Teaching Practice

All BAEd students must register for two Teaching Practice ‘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 Department

Code	Course Title	Core/Option	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
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		
GE 352	Natural Resources Management		
Third Year: Semester II			
GE 349	Contemporary Geography in Africa		
GE 341	Agriculture and Rural Settlements Planning		
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	Optional	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

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 108	Muundo wa Sentensi na Maana katika Kiswahili	Lazima	12

Mwaka wa Pili: Semista ya I

KI 208	Fonolojia ya Kiswahili	Lazima	12
KF 202	Fasihi Andishi ya Kiswahili	Lazima	12

Mwaka wa Pili: Semista ya II

KI 209	Mofolojia ya Kiswahili	Lazima	12
KF 203	Fasihi ya Watoto na Vijana	Lazima	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 303	Elimu-Mitindo ya Fasihi ya Kiswahili	Lazima	12

School of Education**First Year: Semester I**

EF 100	Principles of Education	Core	12
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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
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).

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.

Objectives

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. Specific objectives include:

- (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 able to serve their communities better after graduation;
- (iv) To allow institutions and employers assess the quality and relevance of graduates and guide CoSS on how best to improve pedagogy; and,
- (v) To establish and maintain close contacts with employers both in the public and private sectors.

Assessment

Assessment of AS 299 is based on the following distribution of marks:

Training officer's assessment	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 thereafter, 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	Core/Optional	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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Tutorial Assistants

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E. Rutaigwa, BA (Dar)

J. Rashid, BSc (Dodoma)

E. Emmanuel, BSc. (Dar)

Population Studies and Research Centre

Coordinator

H. Hambati, BA, MA, PhD (Dar)

* On Study Leave

**On Sabbatical Leave

***On Leave of Absence/Secondment

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 operates a semester system of studies, in which the academic year is divided into two semesters. Each course is given a credit weight according to the time devoted to it on the teaching timetable. Programmes offered by the School include: 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 and Human Resources Management. The BBA is a general practical oriented programme.

General Degree Regulations

Entry Requirements

Entry requirements into Bachelor of Commerce and Bachelor of Business Administration Programmes

Category A: Direct Entry (Form Six)

(a) General University Minimum Requirements.

(b) (i) For previous year's graduates up to 2013:

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.

(ii) For graduates of 2014 and above

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 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.

General University examination regulations will apply.

There shall be University Examinations at the end of each semester in all subjects of study.

A candidate is required to register for 136 course credits in the first year, 144 course credits in the second 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.

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.

The maximum pass grade in a Supplementary examination shall be "C".

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.

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”.

Examination Regulation for the BBA Practical Project Work.

Each candidate is required to pass the project work.

The grading system of the project work shall be the same as in other courses.

A candidate who fails in the project work will be allowed to take a supplementary project.

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

Mapping of Courses

Bachelor of Commerce in Accounting

Code	Course Title	Credits	Semester	Core/ Option
First Year				
DS 101	Development Perspectives I	8	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		68		
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 102	Development Perspectives II	8	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		68		
Total First Year Credits		136		

Code	Course Title	Credits	Semester	Core/ Option
Second Year				
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		18		
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
AC 207	Taxation Theory and Practice (Prerequisite AC 101 and FN 101)	12	2	Core
AC 205	Introduction to Auditing and Assurance Services(Prerequisite AC 101)	12	2	Core
One Elective from the Following		12		
AC 206	Public Sector Accounting and Reporting (Prerequisite AC 101 and AC 200)	12	2	Optional
FN 202	Financial Management (Prerequisite FN 200)	12	2	Optional
Total Second Semester Credits		72		
Total Second Year Credits		144		
Field Practical with Research Component				
Third Year				
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	31	Core
AC 306	Advanced Auditing and Assurance Services (Prerequisite AC 205)	12	1	Core
One Elective from the Following		12		
AC 311	Corporate Governance and Social Responsibility (Prerequisite AC 201 and AC 205/AC 207)	12	1	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional
Total First Semester Credits		80		
MK 301	Entrepreneurship (Prerequisite MK 100)	12	2	Core
AC 313	Advanced Cost and Management Accounting (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 from the following				
AC 308	Forensic Accounting and Fraud Investigations (Prerequisite AC 205)	12	2	Optional
AC 309	Public Sector Auditing and Investigations (Prerequisite AC206)	12	2	Optional
FN301	Financial Analysis (Prerequisite FN 202 and AC 202)	12	2	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		
Total BCom in Accounting Degree Credits		432		

Bachelor of Commerce in Human Resources Management

Code	Course Title	Credits	Semester	Core/ Option
First Year				
DS 101	Development Perspectives I	8	1	Core

Code	Course Title	Credits	Semester	Core/ Option
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		68		
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 102	Development Perspectives II	8	2	Core
CL 108	Business Communication	8	2	Core
Total Second Semester Credits		68		
Total First Year Credits		136		
Second Year				
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(PrerequisiteAC 100)			
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		
AC 202	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				
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) One Elective from the Following	12	1	Core
HR 315	Total Quality Management (Prerequisite GM 100)			
GM 301	Project Management (Prerequisite IM 200 and GM 100)	12	1	Optional
FN201	Introduction to Financial Services(Prerequisite FN 101)	12	1	Optional
MK 336	Business Planning (Prerequisite AC101, FN 101 and MK 101)	12	1	Optional
Total First Semester Credits		80		

Code	Course Title	Credits	Semester	Core/ Option
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	Optional
	One Elective from the Following			
MK 324	Management Consulting Skills (Prerequisite GM 100)			
MK 201	International Marketing (Prerequisite MK 100)	12	2	Optional
HR 319	Applied Research in Human Resource Management (Prerequisite IM 201)	12	2	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		
Total BCom in Human Resources Management Degree Credits		432		

Bachelor of Commerce in Marketing

Code	Course Title	Credits	Semester	Core/ Option
First Year				
DS 101	Development Perspectives I	8	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		68		
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 102	Development Perspectives II	8	2	Core
CL 108	Business Communication	12	2	Core
Total Second Semester Credits		68		
Total First Year Credits		136		
Second Year				
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				
MK 222	Sales Management (Prerequisite MK 100)	12	1	Optional
FN 211	Financial Markets (Prerequisite AC 101)	12	1	Optional
Total First Semester Credits		72		
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 from the Following)			
MK 225	Industrial Marketing (Prerequisite Admissible into BCom)	12	2	Optional
FN 207	Personal Finance (Prerequisite FN 200)	12	2	Optional
FN 206	Leasing Management (Prerequisite FN 200)	12	2	Optional

Code	Course Title	Credits	Semester	Core/ Option
Total Second Semester Credits		72		
Total Second Year Credits		144		
Field Practical with Research Component				
Third Year				
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) (One Elective from the Following)	12	1	Core
MK 325	Publicity and Public Relations (Prerequisite MK 101 and CL 108)	12	1	Optional
IM 305	Management Information System (Prerequisite IM 100)	12	1	Optional
MK 333	Marketing Events and Trends (Prerequisite Admissible into BCom)	12	1	Optional
MK 336	Business Planning (Prerequisite AC 101, FN 101 and MK 101)	12	1	Optional
Total First Semester Credits		80		
MK 301	Entrepreneurship (Prerequisite MK100)	12	2	Core
MK 300	Strategic Marketing (Prerequisite MK100 and GM100)	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) One Elective from the Following	12	2	Core
MK 329	Social Marketing (Prerequisite MK 100,MK 101andCL 108)	12	2	Optional
MK 332	Advertising and Sales Promotion (Prerequisite MK100andMK 221)	12	2	Optional
MK 331	Product Development and Brand Management (Prerequisite MK 100)	12	2	Optional
MK 334	Agricultural Marketing (Prerequisite MK 222 and MK 221)	12	2	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		
Total BCom in Marketing Degree Credits		432		

Bachelor of Commerce in Finance

Code	Course Title	Credits	Semester	Core/Option
First Year				
DS 101	Development Perspectives I	8	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		68		
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 MK 100)	12	2	Core
DS 102	Development Perspectives II	8	2	Core
CL 108	Business Communication	12	2	Core
Total Second Semester Credits		68		
Total First Year Credits		136		

Code	Course Title	Credits	Semester	Core/Option
Second Year				
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				
MK 222	Sales Management (Prerequisite MK 100)	12	1	Optional
FN 211	Financial Markets (Prerequisite AC 101)	12	1	Optional
Total First Semester Credits		72		
Second year				
IM 200	Quantitative Methods for Business Decisions (Prerequisite IM102)	12	1	Core
AC 200	Management Accounting I (Prerequisite AC101)	12	1	Core
FN 200	Principles of Finance (Prerequisite AC100)	12	1	Core
FN201	Introduction to Financial Services (Prerequisite FN101)	12	1	Core
Two Electives from the Following				
Leasing Management				
FN208	Risk Management and Insurance (Prerequisite FN101)	12	1	Optional
AC201	Intermediate Accounting (Prerequisite AC101)	12	1	Optional
Corporate Finance				
AC201	Intermediate Accounting (Prerequisite AC101)	12	1	Optional
FN211	Financial Markets (Prerequisite AC101)	12	1	Optional
FN210	Bank Operations (Prerequisite FN101)	12	1	Optional
FN211	Financial Markets (Prerequisite AC101)	12	1	Optional
Total First Semester Credits		48		
GM 200	Business Law and Ethics(Prerequisite GM 100)	12	2	Core
AC 202	Management Accounting II (Prerequisite AC101 and AC 200)	12	2	Core
IM 205	Business Research Methods (Prerequisite GM100 and IM 200)	12	2	Core
FN 202	Financial Management (Prerequisite FN 200)	12	2	Core
Two Electives from the Following				
Leasing Management				
FN 206	Leasing Management (Prerequisite FN200)	12	2	Optional
FN 211	Financial Markets (Prerequisite AC101)	12	2	Optional
AC 207	Taxation Theory and Practice (Prerequisite AC101 and FN101)	12	2	Optional
Corporate Finance				
FN 206	Leasing Management (Prerequisite FN200)	12	2	Optional
AC 205	Introduction to Auditing and Assurance Services (Prerequisite AC101 and AC 202)	12	2	Optional
FN 207	Personal Finance (Prerequisite FN200)	12	2	Optional
AC 207	Taxation Theory and Practice (Prerequisite AC101 and FN101)	12	2	Optional
Financial Markets				
FN212	Microfinance (Prerequisite FN200)	12	2	Optional
FN207	Personal Finance (Prerequisite FN200)	12	2	Optional
MK 201	International Marketing (Prerequisite MK100)	12	2	Optional
Total Second Semester Credits		72		
Total Second Year Credits		144		
Field Practical with Research Component				
Third Year				
GM 300	Strategic Management (Prerequisite GM100)	12	1	Core
FN 310	Investment Analysis (Prerequisite FN202)	12	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 12 202)		1	Core
Two Electives from the Following				

Code	Course Title	Credits	Semester	Core/Option
Corporate Finance				
AC 304	Advanced Financial Accounting (Prerequisite AC 201)	12	1	Optional
FN 304	Bank Financial Management (Prerequisites FN 202 and FN 210)	12	1	Optional
AC 311	Corporate Governance and Social Responsibility (Prerequisite AC 201 and AC 205/AC 207)	12	1	Optional
AC306	Advanced Auditing and Assurance Services (Prerequisite AC205)	12	1	Optional
MK 336	Business Planning (Prerequisite AC101, FN101 and MK101)	12	1	Optional
Financial Markets				
IM305	Management Information Systems (Prerequisite IM100)	12	1	Optional
MK 336	Business Planning (Prerequisite AC101, FN101 and MK101)	12	1	Optional
Leasing Management				
FN320	Legal Issues on Leasing (Prerequisite FN206)	12	1	Optional
MK 336	Business Planning (Prerequisite AC101, FN101 and MK101)	12	1	Optional
Total First Semester Credits		80		
MK 301	Entrepreneurship (Prerequisite MK100)	3	2	Core
FN301	Financial Analysis (Prerequisite FN202 and AC202)	3	2	Core
FN307	Treasury Management (Prerequisite FN202 and FN211)	3	2	Core
FN319	Advanced Security Analysis and Portfolio Management (Prerequisite FN202)	3	2	Core
Two ElectivesfromtheFollowing				
Corporate Finance				
FN312	Financial Management Special Topics (Prerequisite FN202)	12	2	Optional
IM341	Operations Research Techniques (PrerequisiteIM200)	12	2	Optional
IM303	Procurement Management (Prerequisite Admissible into BCom)	12	2	Optional
FinancialMarkets				
FN309	Development and Investment Banking (Prerequisite FN202 and FN212)	12	2	Optional
FN312	Financial Management Special Topics (Prerequisite FN202)	12	2	Optional
IM341	Operations Research Techniques (Prerequisite IM200)	12	2	Optional
MK 324	Management Consulting Skills (Prerequisite GM100)	12	2	Optional
Leasing Management				
FN313	Government and International Leasing (Prerequisite FN206)	12	2	Optional
FN306	Lending Management (Prerequisite FN202 and FN210)	12	2	Optional
AC307	Advanced Taxation (Prerequisite AC207)	12	2	Optional
FN312	Financial Management Special Topics (Prerequisite FN202)	12	2	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		
Total BCom in Finance Degree Credits		432		
Bachelor of Commerce in Banking and Financial Services				
Code	Course Title	Credits	Semester	Core/Option
First Year				
DS101	Development Perspectives I	8	1	Core
FN100	Principles of Microeconomic Analysis (Prerequisite Admissible into BCom)	12	1	Core
IM102	Business Mathematics (Prerequisite Admissible into BCom)	12	1	Core
MK 100	Introduction to Business (Prerequisite Admissible into BCom)	12	1	Core
IM100	Introduction to Information and Communications Technology (Prerequisite Admissible into BCom)	12	1	Core
AC100	Principles of Accounting I (Prerequisite Admissible into BCom)	12	1	Core
Total First Semester Credits		68		
GM100	Principles and Practice of Management (Prerequisite Admissible into BCom)	12	2	Core
CL108	Business Communication	12	2	Core

Code	Course Title	Credits	Semester	Core/Option
FN101	Principles of Macroeconomics Analysis (Prerequisite FN 100)	12	2	Core
MK 101	Principles of Marketing (Prerequisite MK100)	12	2	Core
DS102	Development Perspectives II	8	2	Core
AC101	Principles of Accounting II (Prerequisite AC 100)	12	2	Core
Total Second Semester Credits		68		
Total First Year Credits		136		
Second Year				
IM200	Quantitative Methods for Business Decisions (Prerequisite IM102)	12	1	Core
AC200	Management Accounting I (Prerequisite AC 101)	12	1	Core
FN200	Principles of Finance (Prerequisite AC100)	12	1	Core
FN201	Introduction to Financial Services (Prerequisite FN101)	12	1	Core
FN210	Bank Operations (Prerequisite FN101) (One Elective from the Following)	12	1	Core
AC201	Intermediate Accounting (Prerequisite AC101)	12	2	Optional
FN208	Risk Management and Insurance (Prerequisite FN101)	12	2	Optional
Total First Semester Credits		72		
GM200	Business Law and Ethics (Prerequisite GM100)	12	2	Core
AC202	Management Accounting II (Prerequisite AC101 and AC200)	12	2	Core
IM205	Business Research Methods (Prerequisite GM100 and IM200)	12	2	Core
FN202	Introduction to Financial Management (Prerequisite FN 200)	12	2	Core
FN212	Microfinance (Prerequisite FN200) (One Elective from the Following)	12	2	Core
FN206	Leasing Management (Prerequisite FN200)	12	2	Optional
FN207	Personal Finance (Prerequisite FN200)	12	2	Optional
Total Second Semester Credits		72		
Total Second Year Credits		144		
Field Practical with Research Component				
Third Year				
GM333	Field Practical with Research Component	8	1	Core
GM300	Strategic Management (Prerequisite GM100)	12	1	Core
FN310	Investment Analysis (Prerequisite FN202)	12	1	Core
FN300	International Business Finance (Prerequisite FN101 and FN202)	12	1	Core
FN302	Security Analysis and Portfolio Management (Prerequisite FN 202)	12	1	Core
FN304	Bank Financial Management (Prerequisite FN202 and FN210) (One Elective from the Following)	12	1	Core
IM305	Management Information Systems (Prerequisite IM100)	12	2	Optional
MK336	Business Planning (Prerequisite AC101, FN101 and MK101)	12	1	Optional
Total First Semester Credits		80		
MK301	Entrepreneurship (Prerequisite MK100)	12	2	Core
FN303	Law Related to Banking and Financial Services (Prerequisite FN210)	12	2	Core
FN306	Lending Management (Prerequisite FN202 and FN210)	12	2	Core
FN307	Treasury Management (Prerequisite FN202 and FN211)	12	2	Core
MK326	Marketing of Services (Prerequisite MK100 and MK101) (One Elective from the Following)	12	2	Core
FN309	Development and Investment Banking (Prerequisite FN202 and FN212)	12	3	Optional
MK324	Management Consulting Skills (Prerequisite GM100)	12	3	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		

Code	Course Title	Credits	Semester	Core/Option
Total BCom in Banking and Financial Services Degree Credits		432		
Bachelor of Commerce in Tourism and Hospitality Management				
Code	Course Title	Credits	Semester	Core/Option
First Year				
FN100	Principles of Micro Economic Analysis (Prerequisite Admissible into BCom)	12	1	Core
DS101	Development Perspectives I	8	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		68		
GM100	Principles and Practice of Management (Prerequisite Admissible in to BCom)	3	2	Core
CL108	BusinessCommunication	12	2	Core
FN101	Principles of Macroeconomics Analysis (Prerequisite FN100)	12	2	Core
MK101	Principles of Marketing (PrerequisiteMK100)	12	2	Core
DS102	Development Perspectives II	8	2	Core
AC101	Principles of Accounting II (PrerequisiteAC100)	12	2	Core
Total Second Semester Credits		68		
Total First Year Credits		136		
Second Year				
TH201	Food, Beverages and Safety Management	12	1	Core
MK213	Consumer Behaviour (Prerequisite MK100)	12	1	Core
FN200	Principles of Finance (Prerequisite AC100)	12	1	Core
IM200	Quantitative Methods for Business Decisions (Prerequisite IM102)	12	1	Core
TH200	Introduction to Tourism and Hospitality Management One Elective from the Following	12	1	Core
LL160	Basic French I	12	1	Optional
TH203	Economics of Tourism	12	1	Optional
HR201	Human Resources Management	12	1	Optional
Total First Semester Credits		72		
TH202	Principles of Wildlife Parks and Sites, Ecology Management	12	2	Core
IM205	Business Research Methods(Prerequisite GM100 and IM200)	12	2	Core
GM200	Business Law and Ethics (Prerequisite GM100)	12	2	Core
TH204	Reservation and Marketing of Tourism Services Two Electives from the Following	12	2	Core
LL161	Basic French II	12	2	Optional
TH205	Travel Agency and Tour Operations	12	2	Optional
MK 201	International Marketing (Prerequisite MK100)	12	2	Optional
TH206	Tourism Management	12	2	Optional
Total Second Semester Credits		72		
Total Second Year Credits		144		
Field Practical with Research Component				
Third Year				
GM333	Field Practical with Research Component	8	1	Core
MK310	Publicity and Public Relations (Prerequisite MK101 and CL108)	12	1	Core
GM300	Strategic Management (Prerequisite GM100)	12	1	Core
TH301	Advanced Tourism Management	12	1	Core
TH302	Events Managements Two Electives from the Following	12	1	Core
MK336	Business Planning (Prerequisite AC101, FN101 and MK101)	12	1	Optional

Code	Course Title	Credits	Semester	Core/Option
MK322	Marketing Research (Prerequisite MK100 and MK101)	12	1	Optional
TH303	Tourism and Hospitality Marketing Research	12	1	Optional
EC375	Natural Resources and Environmental Economics I	12	1	Optional
Total First Semester Credits		80		
MK326	Marketing of Services (Prerequisite MK101)	12	2	Core
TH305	Front office and Room Management	12	2	Core
MK301	Entrepreneurship (Prerequisite MK100)	12	2	Core
TH304	Sustainable Tourism Development	12	2	Core
	Two Electives from the Following			
MK309	Marketing for non-Profit Organizations(Prerequisite MK101)	12	3	Optional
MK330	Relationship Marketing (Prerequisite Admissible into BCom)	12	3	Optional
EC385	Natural Resources and Environmental Economics-II	12	3	Optional
Total Second Semester Credits		72		
Total Third Year Credits		152		
Total BCom in Tourism and Hospitality Management Degree Credits		432		

Bachelor of Business Administration

Code	Course Title	Credits	Semester	Core/Option
First Year				
BAC100	Principles of Accounting I	12	1	Core
BBS100	Introduction to Business	12	1	Core
BBS101	Business Communication	12	1	Core
BIM100	Elementary Business Mathematics	12	1	Core
Total First Trimester Credits		48		
BAC101	Principles of Accounting II	12	2	Core
BBS102	Principles and Practices of Management and Administration	12	2	Core
BBS103	Business Environment I	12	2	Core
BEC100	Micro-Economics	12	2	Core
BIT100	Introduction to Information. Technology and Information Systems	12	2	Core
Total Second Trimester Credits		60		
Second Year				
BAC102	Management Accounting	12	3	Core
BBS104	Business Environment II	12	3	Core
BEC101	Macro-Economics	12	3	Core
BIM101	Quantitative Methods for Business Decision Making	12	3	Core
Total First Trimester Credits		48		
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				
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		
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		

Code	Course Title	Credits	Semester	Core/Option
BPW333	Project Work	48	2	Core
	Total Third Trimester Credits	48		

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V. Makelo
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C. Mbunda

Secretary, Associate Dean

N. Abisai
Secretary, Postgraduate Studies
F. Andrew

Secretary, Accounting

C. M. Kambeju
Secretary, Finance
G. J. Sembua

Secretary, General Management

C.Muzale Adv. Dipl, Dipl. Secretarial Studies

Secretary, Marketing

M. Said

Clerical Officer

C. Andrew

Library Assistant

Vacant

Drivers

E. Luhala
B. Mbuya

* On study leave

**On Leave without pay

SCHOOL OF EDUCATION (SoED)

INTRODUCTION

The history of the School of Education (SoED) goes back to 1964 when the Department of Education was formed. In 1989, the Department of Education was elevated into a Faculty of Education. Following the reorganization of the University of Dar es Salaam organizational structure, the Faculty of Education was transformed into a School of Education.

The School of Education comprises two departments and one academic unit, namely: the Department of Educational Psychology and Curriculum Studies (EPCS), the Department of Educational Foundations, Management and Lifelong Learning (EFMLL) and the Physical Education and Sport Sciences Unit (PESS). The School offers three-year five undergraduate programmes, leading to the award of the following degree programmes:

- (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)

Additionally, the School offers professional teacher preparation courses to BAEd and BScEd students registered in the College of Social Science (CoSS), College of Humanities (CoHU) and College of Natural and Allied Sciences (CoNAS) respectively. Again the School of Education offers courses for secondary school teachers and other professional education personnel at postgraduate level as shown in the table below:

POSTGRADUATE PROGRAMMES OFFERED BY THE SCHOOL OF EDUCATION

S/N	Programme	Mode	Duration
1	Postgraduate Diploma in Education (PGDE)	Regular & Online	12 months
2	Master of Arts in Education (M.A. Education)	Coursework and Dissertation	18 months
3	Master of Arts in Education (M.A. Education)	Coursework and Dissertation (Evening)	24 months
4	Master of Arts in Education	By Thesis	24 months
5	Master of Arts in Applied Social Psychology (MAASP)	Coursework and Dissertation	24 months
6	Master of Education (Science Education) (M.Ed Science Education)	Coursework and Dissertation	18 months
7	Master of Educational Management and Administration (MEMA)	Coursework and Dissertation	18 months
8	Master of Educational Management and Administration (MEMA)	Coursework and Dissertation (Evening)	18 months
9	Master of education in Language Education (Med Led)	Coursework and Dissertation	18 months
10	Doctor of Philosophy (Ph.D)	By Thesis	36 months
11	Doctor of Philosophy (Ph.D) in Education	Coursework and Dissertation	48 months

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

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 and Psychology streams. 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 courses 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 grades. Except where the regulation allows, the final standing shall not be computed unless all the papers and Teaching Practice 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)

Course Code	Course Title	Credits	Semester	Core/ Optional
First Year				
EP 101	Principles of Education	12	1	Core
EF 100	Introduction to Educational Psychology	12	1&2	Core
DS 101	Development Perspectives I	8	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
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
DS102	Development Perspective II	8	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
AE206	Community- Based Research	12	2	Optional
AE207	Community Education and Social Change	12	2	Optional
AE208	Gender. Education and Development	12	2	Optional
EP206	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	Optional
AE 301	Human Rights Education	12	2	Optional
AE 300	Management of Adult Education Programmes	12	2	Optional
AE 303	Educations & Training in Work Organisation	12	2	Optional

AE 304	Tutoring in Open and Distance Learning	12	2	Optional
EF 300	Philosophy of Education	12	1	Optional
EF 301	Sociology of Education	12	2	Optional
EF 302	Comparative and International Education	12	2	Optional

Bachelor of Education in Commerce (BEdCom)

Course Code	Course Title	Credits	Semester	Core/Optional
First Year				
EF 100	Principles of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
DS 101	Development Perspectives I	8	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 Educational Organizations	12	1	Core
DS 102	Development Perspectives II	8	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
<i>Elective 1 (Electives):</i>				
AE 204	Principles of Open and Distance Learning	12	2	Optional
EP 206	Theoretical Perspectives to Counselling	12	1	Optional
CT 203	Pedagogy of Teacher Education	12	2	Optional
Third Year				
EP 300	Educational Measurement and Evaluation	12	1	Core
EA 300	Management of Educ. & School Admin.I	12	1	Core
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
<i>Electives 2 (Electives) 24</i>		<i>1&2</i>		<i>Optional</i>
EF 300	Philosophy of Education	12	1	Optional
EF 302	Comparative and International Education	12	2	Optional
EF 301	Sociology of Education	12	2	Optional
AE 301	Human Rights Education	12	2	Optional

Bachelor of Education in Physical Education and Sport Sciences (BEdPESS)

Course Code	Course Title	Credits	Semester	Core/ Optional
EF 100	Principles of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	2	Core
First Year				
DS 101	Development Perspectives I	8	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
PE 209	Soccer and Volleyball	12	2	Core
PE 210	Basketball and Netball	12	2	Core
<i>Electives (1)</i>				
PE 206	(Electives)Theory and Practice of Fitness and Health	12	2	Optional
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
<i>Electives (1)</i>				
PE 307	Aerobics3	12	2	Optional
PE 302	Measurement and Evaluation in Physical Educ. and Sports	12	2	Core
PE 312	Badminton	12	1	Optional

DS 102	Development Perspectives II	8	1	Optional
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Bachelor of Education in Psychology (BEdPsy)

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:

- Acquire general understanding of the basic principles and methods of psychology as a scientific discipline
- Acquire and master a range of research skills in psychology
- Apply psychological principles in facilitating teaching and learning in educational settings.
- 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	Core/Optional
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 101	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 102	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	Optional
<i>Electives 2 (Electives)</i>				
EP 221	Parenting Education	12	2	Optional
CT 203	Pedagogy of Teacher Education	12	2	Optional
AE 206	Community Based Research	12	2	Optional
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
<i>Electives 1 (Electives)</i>				
EP 308	Early childhood education	12	2	Optional
EP 309	Psychological Testing and Assessment	12	2	Optional

AE 301	Human Rights Education	12	2	Optional
EF 300	Philosophy of Education	12	1	Optional
EF 301	Sociology of Education	12	2	Optional
EF 302	Comparative and International Education	12	2	Optional

Bachelor of Education in Early Childhood Education (BEdeCE)

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	Core/Optional
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 101	Development Perspectives I	8	2	Core
CT 100	Introduction to Teaching	12	2	Core
CT 101	Teaching Practice I	12	2	Core
Second Year				
DS 102	Development Perspectives II	12	1	Core
CT 200	Principles of Curriculum Dev. 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 Dev. Processes	12	1	Core
EF 200	History of Education in East Africa	12	1	Core
CT 202	Teaching Practice II	12	2	Core
<i>Electives 2</i>		24	2	<i>Optional</i>
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
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	12	2	Core

	Nutrition			
<i>Electives 2 (Electives)</i>		24	2	<i>Optional</i>
EP 301	Educational Statistics	12	1	Core
EP 308	Early childhood education	12	2	Optional
EP 309	Psychological Testing and Assessment	12	2	Optional
AE 301	Human Rights Education	12	2	Optional
EF 300	Philosophy of Education	12	2	Optional
EF 301	Sociology of Education	12	2	Optional
EF 302	Comparative and International Education	12	2	Optional

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** On Sabbatical Leave

*** On Leave of Absence/Secondment

INTRODUCTION

The University of Dar es Salaam School of Health Sciences was established in 2014. The School will enrol various Health Programmes starting with the Doctor of Medicine (MD) Programme in 2015/16 Academic Calendar. The Other programmes which will be offered in future include:

- (i) Bachelor of Pharmacy (B.Pharm)
- (ii) BSc in Nursing
- (iii) BSc in Biomedical Sciences
- (iv) BSc in Physiotherapy
- (v) BSc in Medical Laboratory
- (vi) Doctor of Dental Surgery (DDS)

Specific Requirements:

Doctor of Medicine (MD)

Eligibility for admission into the MD programme will be as follows:

a) Direct Entrants

- (i) Principal pass at C grade or higher in Chemistry or Biology/Zoology or Physics/Mathematics provided the other two subjects are not below D at “A” level. Preference will be given to applicants with credit passes (“C” or above) in Chemistry or Biology in that order.
- (ii) Candidates with D in Physics/Mathematics at “A” level provided they have “C” or higher in Chemistry and/or Biology.
- (iii) Candidates with D in Physics/Mathematics, Chemistry and Biology at “A” level provided they have at least a credit pass in Chemistry and/or Biology at “O” level.

b) Equivalent Qualifications

- (i) Appropriate Diploma/Certificate/degree with principal passes at any grade in Physics, Chemistry and Biology at “A” level of education.
- (ii) Holders of BSc degree majoring in Physics, Chemistry and Biology/Zoology or Chemistry and Biology/Zoology.

Regulations Governing the Award of the Doctor of Medicine (MD) Degree

The Doctor of Medicine is a semesterized and modularized competency based programme, which will run for 10 semesters. The programme will utilise the following:

1. Expected teaching methodologies

This is a semesterized and modularized competency program, which will utilize the following teaching/instructional methods: lectures, seminars, small-group discussions, presentations, practical, simulations, bedside teaching, workshops, self directed learning, internet access, clinical teaching, role modelling, peer learning, near peer learning, journal clubs, research projects, interdisciplinary teams, case based teaching, mentoring, grand rounds, conferences and others.

2. Examination regulations

The general University of Dar es Salaam examination rules and regulations shall apply.

2.1 Specific regulations

2.2.1. Examination Regulations for the MD Programme

- i. The MD degree is a ten-semester programme 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 university examinations.
- v. The FA and SA shall consist of written (theory paper, quizzes, and final reports, assignments, presentations and others) and practical/clinical components (global observation and rating of live/recorded performances, observation of procedures and rating, logbooks, OSPE, OSCE and

- others).
- vi. The proportional contribution for written and practical examinations will be 60 and 40% respectively for Basic Sciences and 40% and 60% in Clinical Sciences.
 - vii. A candidate will be considered to have passed a course after passing all modules/rotations of the respective course.
 - viii. 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 modules in the course(s).
 - ix. A candidate who obtains a GPA of less than 1.6 in a semester shall be discontinued from studies.
 - x. A candidate who fails all the courses in an audit year regardless of the GPA shall be discontinued from studies.
 - xi. 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.
 - xii. 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.
 - xiii. A candidate who obtains a GPA of 1.8 or higher but less than 2.0 in a supplementary examination in semester 3 and 4 shall be allowed to freeze registration and appear for another 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.
 - xiv. 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.
 - xv. A candidate who fails junior clerkship clinical rotation examination shall be required to do a supplementary rotation during the long vacation after semester 6. A candidate who fails senior clerkship clinical rotation shall be required to do a supplementary rotation after semester 10. The supplementary rotation is half the duration of that rotation. For rotations, which have less than 6 weeks duration, the period of supplementary rotation will be the full duration. The maximum tenure of 14 semesters shall not be exceeded.
 - xvi. A candidate with incomplete course work in any semester will not be allowed to sit for end of module/rotation examination.
 - xvii. A candidate who passes a supplementary examination at any level shall be awarded a "C" grade equivalent to 2.0 grade points.
 - xviii. Progression to semester 9, 10 is subject to completion of clinical rotations and elective period and sitting for University examinations for semesters 7 and 8.
 - xix. A satisfactory elective report from semester 7-8 must be submitted at least 8 weeks prior to the final semester 10 rotation examination failure of which will deem the candidate ineligible for the final examination.
 - xx. A student shall be awarded the MD degree after passing all prescribed courses in the MD 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%	Letter Grade	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 on nutrition at the end of semester 4 as a group. There will also be community field works in Community Medicine during semester 7/8 and 9/10 as part of training in Public Health. This will be divided into dispensary, health center and DMO weeks as well as district health management training. Students will be required to produce both individual reports for the dispensary, health center and DMO weeks.

There shall be an elective study for every student at the end of semester 8 as part of Community Medicine rotation. 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 Community Medicine, carry out research on the topic by his/herself guided by the supervisor throughout all stages of research conduct 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 Community Medicine rotation. No student will be allowed to graduate if he/she has not completed all field works and including providing reports.

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 (C) for each course by the sum of the credits (C) from each of the courses offered during the audit year. For example

Course	Credit (C)	Score	Grade Point (GP)	GPxC
Anatomy AN 100	13.8	60	2.713	37.4394
Biochemistry BC 100	10.7	70	3.5	37.45
Physiology PH 100	9.2	55	2.352	21.6384
Behavioral Sciences BS 100	10.4	72	3.54	36.816
DS 100	4.6	74	3.58	16.468
Total	48.7			149.8118

$GPA = \frac{\sum(GP \times C)}{\sum C} = \frac{149.8118}{48.7} = 3.07$ 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 in 10 semesters (five years) as follows:

Course Code	Course Title	Credits	Semester
FIRST YEAR			
AN 100	Anatomy	6.4	1
BC 100	Biochemistry	4.9	1
PH 100	Basic Physiology	9.2	1
BS 100	Behavioural sciences	6.6	1
PF 100	Professionalism and Ethics	2.3	1
AN 100	Anatomy	7.6	2
BC 100	Biochemistry	5.0	2
PH 101	Clinical Physiology	2.6	2
DS 100	Development studies	4.0	2
PF 100	Professionalism and Ethics	2.0	2
NC 100	Basic Communication Skills	4.0	2
SECOND YEAR			
MP 200	Pathology	6.0	3
MI 200	Microbiology and Immunology	9.1	3
PE 200	Parasitology and Entomology	4.9	3
ER 200	Epidemiology/Research Methods	4.0	3
DS 200	Development studies	4.0	3

Course Code	Course Title	Credits	Semester
MP 200	Pathology	9.4	4
ER 200	Epidemiology & Research Methods	3.1	4
CP 200	Clinical Pharmacology	9.3	4
PS 200	Psychopathology	2.5	4
EF 200	Nutritional Field Project	2.2	4
THIRD YEAR			
IM 300	Internal Medicine	7.8	5 & 6
MH 300	Paediatrics and Child Health	7.8	5 & 6
MS 300	Surgery	7.8	5 & 6
MG 300	Obstetrics and Gynaecology	5.0	5 & 6
PF 300	Professionalism and Ethics	1.8	5 & 6
MD 300	Communicable Diseases Control	4.0	5 & 6
RO 300	Radiology	4.8	5 & 6
FOURTH YEAR			
PS 400	Psychiatry	10.0	7 & 8
MC 400	Community Medicine	9.0	7 & 8
ME 400	MD Research Project	3.8	7 & 8
OL 400	Otorhinolaryngology	5.0	7 & 8
OP 400	Ophthalmology	5.0	7 & 8
MA 400	Anaesthesiology	6.0	7 & 8
FIFTH YEAR			
IM 500	Internal Medicine	7.9	9 & 10
MH 500	Paediatrics & Child Health	5.9	9 & 10
MS 500	Surgery	6.3	9 & 10
MG 500	Obstetrics and Gynaecology	6.6	9 & 10
OT 500	Orthopaedics/Trauma & Neurosurgery	6.8	9 & 10

SoHS STAFF LIST

Office of the Dean, School of Health Sciences

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M. Madeni, BA, MA, PhD (Dar)

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Lecturer

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Department of Biochemistry

Lecturers

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*On assignment

INTRODUCTION

The UDSM School of Law (UDSoL) has three Departments which superintend the various courses that are offered to candidates. These Departments are: Public Law Department, Private Law Department and 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 (LLB);
- (ii) Bachelor of Arts in Law Enforcement; and
- (iii) Certificate in Law (Cert Law).

(A) School Examination Regulations

The University of Dar es Salaam School of Law Regulations shall be read together with the General University Examination Regulations.

1. Registration of Students

Without prejudice to other rules relating to registration, all first year candidates shall register with the University of Dar es Salaam School of Law administration office during the orientation week.

2. Conduct of Examinations

- (i) A candidate must attend 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 candidate's access to examination if he/she is not satisfied that the candidate qualifies 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) will be deemed to have failed the course at "E" grade;
 - (b) such a student will 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 University of Dar es Salaam School of Law shall only be held during University examination sessions and at no other time.
- (vi) A candidate who, under these regulations is not permitted to do 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 the above 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 (LLB Dissertation) shall do the same research topic under a new supervisor.
- (ix) Where a candidate fails a non-law course the applicable rules on supplementary examination from the respective 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 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 that is not cleared at the time of the supplementary examinations will be considered to have absconded.

7. Assessment

Course grade will 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.

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 Board of Examiners for checking of computational errors and for provisional publication of the semester's results;
- (ii) The Departmental 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 Examinations Officer shall also report such cases to the Departmental Board of Examiners for deliberation and/ or adjudication.
- (iii) The Departmental Board shall assess the results in the respective Department and make recommendations to the Board of Examiners of the University of Dar es Salaam School of Law. In the event of the observed disagreement of a fundamental nature between the internal examiner and the external examiner on the marks and grade of the candidate the Board of Examiners of the University of Dar es Salaam School of Law shall adjudicate upon the matter and make a recommendation to the Senate through its School Board.
- (iv) Where the Board of the University of Dar es salaam School of Law has endorsed the provisional examination results specific marks 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 University of Dar es salaam School of Law for further processing to the Board of Examiners.
- (ii) Each Department shall, before the commencement of the 2nd semester, publish provisional results in each course whose examination was done during the 1st semester. The Head of Department shall report in writing to the Dean all cases of non-compliance to this regulation and the measures that the Department has taken to address the non-compliance of this regulation.
- (iii) The provisional grades of candidates shall be published by each Department bearing only candidates' numbers and not their respective names pending their approval by the Senate.

11. Appeals

- (i) The Appeals Board of the University of Dar es Salaam School of Law shall not entertain an appeal from a candidate unless the appeal is based on grounds recognized by the University regulations pertaining to appeals.
- (ii) Where an appeal is based on medical factors, 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 University of Dar es Salaam School of Law shall not consider an appeal for re-marking of 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.

13. 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 I	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

13.1 The following is the course arrangement for LLB candidates.

Course Code	Course Title	Credits	Semester	Core/Optional
IS131	Computer Skills	12	1	Core
DS 100	Development Perspectives I	8	1	Core
DS 101	Development Perspectives II	8	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	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

Course Code	Course Title	Credits	Semester	Core/Optional
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

Fourth Year

LW 400	LLB 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

- 13.2 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.
- 13.3 The total minimum credits for purposes of GPA calculations is 144+ 132 + 132= 408 derived from 2nd, 3rd and 4th year examination results.

14. The LW 400 LLB Dissertation and Optional Courses

- 14.1 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.
- 14.2 The LLB 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 Arial or Tahoma font characters. Students shall be required to submit soft copies of their dissertations and comply with other directions issued by the Coordinator on the format of the dissertations.
- 14.3 In addition to core courses required for a particular academic year, a candidate in the 2nd, 3rd and 4th year of study, shall be required to meet the minimum prescribed credits from the list of optional courses on offer. Before the end of each academic year every 1st, 2nd and 3rd year candidate 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.
- 14.4 Two weeks before the end of an academic year, the Dean after consultations with Heads of Department will announce the list of optional courses on offer during the following Academic Year.
- 14.5 Availability of optional courses will be determined by the Dean and will depend on the availability of lecturers.
- 14.6 The Dean may change the optional courses on offer if there are circumstances necessitating such a course to be taken.
- 14.7 Where the Dean changes the options that have been advertised, candidates 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 candidates:

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 Organisations 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
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	8

15. Forms of Examination

- 15.1 For all LLB courses, examinations shall consist of **written examination (60%) and continuous assessment (40%), save for the LLB Dissertation which shall carry 100%.**

16. LLB Degree Classification and Honour's Awards

- 16.1 The Board of Examiners shall recommend the appropriate Class of the degree guided by the results obtained in the 2nd, 3rd and 4th year examinations results based on the approved minimum number of units for each of those years, along the following GPA:
- 1st Class is obtained where a candidate obtains a GPA of 4.4 and above
 - 2nd Class Upper Division is obtained where a candidate obtains a GPA of 3.5-4.3;
 - 2nd Lower Division is obtained where a candidate obtains a GPA of 2.7-3.4;
 - PASS degrees is obtained where a candidate obtains a GPA of 2.0-2.6
- 16.2 The Board of Examiners shall recommend the award of a degree with honours to a candidate obtaining a 1st Class, 2nd Class Upper Division or 2nd Class Lower Division where he has passed all

his examinations at first sitting, meaning, without supplementary or carry over in any particular academic year.

16.3 Supplementary and discontinuation in Law courses shall be guided by the General University Examination Regulations.

16.3.1 Carry-over of failed courses may, on academic grounds, be allowed only once into subsequent academic years of such number of failed courses as are requisite for the fulfilment of minimum total number of course units and may only be permitted upon satisfying the following conditions:

- (a) If and when permitted by the School Board;
- (b) The candidate must have scored an overall GPA pass mark of 2.0 or above after supplementary; and
- (c) The courses to be carried over do not exceed two; all carry over courses being taken into account for the particular candidate regardless of the year the course was carried over provided it remains un-cleared.

16.3.2 A candidate who does not meet the above condition shall be discontinued.

16.3.3 Carry-over of failed courses into subsequent years shall imply repeating the failed courses in the subsequent years by fulfilling all requirements of the course.

16.3.4 Optional courses shall be carried over only when needed to attain the minimum credits required for the programme (implying that if one fails an option, he/she could just select another option provided that a candidate who fails a course selected as a consequence of failing an optional course shall not be allowed to carry it over in the event he/she fails the course at first sitting. Such a candidate can be allowed to supplement but shall be discontinued on failing the supplementary).

16.3.5 All carried over courses must be cleared within 6 years calculated from the date of the candidate's admission into the LLB program.

17. Supplementary Examinations for non-Law Courses

17.1 Where a candidate fails in DS or IS 131 (or other non-law course) courses the applicable rules on supplementary examination from the respective Departments and Institute shall apply accordingly.

(B) Regulations Governing the Award B. A. (Law Enforcement)

18. Admission Requirements

18.1 The undergraduate degree for which the University of Dar es Salaam School of Law prepares candidates is Bachelor of Arts (Law Enforcement) (BA Law Enforcement) of the University of Dar es Salaam.

18.2 A candidate shall be eligible for consideration for admission to the BA (Law Enforcement) programme of the University of Dar es Salaam if he has obtained a Certificate of Secondary Education Examination (CSEE) or equivalent with passes in five approved subjects including a credit in English and History, obtained prior to the sitting of the Advanced Certificate of Secondary Education Examination (A.CSEE) or equivalent; or

- (a) Two Principal Level passes in approved subjects in the Advanced Certificate of Secondary Education Examination (A.CSEE) or equivalent; or
- (b) A Diploma obtained in not less than two years of study from an accredited/recognized institution of higher learning of not less than Second Class; or
- (c) A pass in the University mature age entry examination with an average of a B+ grade.

19. Duration

19.1 The BA Law Enforcement degree is a three year programme based on the curricula approved by Senate on recommendation of University of Dar es Salaam School of Law Board.

19.2 The programme consists of core and optional courses weighted in credits.

19.3 Each candidate shall be required to complete a minimum of 90 credits to be eligible for graduation, however for purposes of computing the candidate's GPA only grades obtained from course units in the 2nd and 3rd year of study shall be taken into account.

20. Bachelor of Arts in Law Enforcement Programme Courses

The following is the course arrangement for BA Law Enforcement candidates.

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 100	Development Perspectives	8	2	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
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 candidates:

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	
LE 412	Prisons Investigations	
LE 413	Road Traffic Investigations	
LE 414	Trafficking Control and Prevention Law	
LW415	Survival Techniques and Self Defence	

21. Form of Examinations

For all BA (Law Enforcement) courses, examinations shall consist of written examinations 60%, and continuous assessment 40%, save for the Dissertations which shall consist of 100%

22. Classification and Honours Award

22.1 The Board of Examiners shall recommend the appropriate Class of the degree guided by the results obtained in the 2nd 3rd year examinations results based on the approved minimum number of credit for each of those years along the following GPA:

(a) 1st Class is obtained where a candidate obtains a GPA of 4.4 and above

(b) 2nd Class Upper Division is obtained where a candidate obtains a GPA of 3.5 – 4.3;

(c) 2nd Lower Division is obtained where a candidate obtains a GPA of 2.7 – 3.4;

(d) PASS degree is obtained where a candidate obtains a GPA of 2.0 – 2.6

22.2 The Board of Examiners shall recommend the award of a degree with honours to a candidate obtaining a 1st Class, 2nd Class Upper Division or 2nd Class Lower Division where he has passed all his examinations at first sitting meaning, without supplementary or carry over in any particular academic year.

23. Supplementary Examination for non Law Enforcement Courses

Where a candidate fails in a non-Law Enforcement course the applicable rules on supplementary examination for the respective Departments shall apply accordingly.

24. Certificate in Law Programme

Centres may be allowed to Host the Programme on behalf of the School of Law after complying with all prerequisites.

24.1 The Programme is run by the School of Law through accredited Centres. The University on recommendation of the School Board shall announce the list of Centres which will be eligible to host the programme before the commencement of the admission process for each academic year.

24.2 It is the responsibility of the School to recommend to Senate in which Centre a candidate admitted in the programme is to undergo training.

24.3 All Centres are subject to these regulations and those regulating the conduct and management of such Centres in respect of the programme.

25. Entry Requirements and the Admission Process

25.1 All candidates aspiring to join the programme must apply through the School of Law for admission. No centre is allowed to register a Candidate without the admission letter issued to the candidate by the University of Dar es salaam.

25.2 A candidate, before being admitted to the course, must have obtained the School Leaving Certificate at Ordinary Secondary Education at Division Three level and above.

25.3 A candidate who does not have such a certificate may be admitted in exceptional circumstances on the recommendation of the Dean.

* (Specifically money laundering, corruption, fraud & trafficking)

26. 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 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.

27. Courses

27.1 A candidate enrolled for a Certificate in Law course, whether on part time or full time basis, shall be required to complete a minimum of 9 credits derived from specified compulsory courses and optional courses in order to qualify for award of a Certificate in Law.

27.2 **The following shall be the course arrangement for the programme:**

Course Code	Course Title	Credits	Semester	Core/ Optional
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CTL 100	Public Law	18	1&2	Core
DS 100	Development Studies	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		

27.3 A candidate shall select the 96 minimum optional credits from the following list of optional courses.

28. Examinations

- 28.1 Certificate in Law candidates must satisfy the examiners by attaining a minimum of 48 credits in compulsory courses and 48 credits in optional courses.
- 28.2 Examination in each course shall be by way of a written examination bearing 100%.
- 28.3 No candidate shall be eligible to sit for the Certificate in Law Examinations unless he or she has attended at least 60% of the seminars.
- 28.4 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 CL Communication Skills.
- 28.5 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.
- 28.6 Where a candidate fails in two courses at "D" and "E" grades he/she may, on the recommendation of the School Board, be permitted to re-sit the failed course(s) at a supplementary examination.
- 28.7 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.
- 28.8 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.
- 28.9 Where a candidate fails in three courses, two at "D" level, one at "E" grade he/she may, on the recommendation of the School Board, be permitted to repeat the year.
- 28.10 Where a candidate fails in three courses, two at "E" level, one at "D" level, he/she shall be discontinued from studies.
- 28.11 Where a candidate fails in three courses at "E" level, he/she shall be discontinued from studies.
- 28.12 Where a candidate fails in CL Communication Skills, he/she may be permitted to re-sit the examination during regular university examination session until he passes, provided that this shall not be 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

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.).
- (iv) The Certificate in Journalism (CertJournalism) is a non-degree programme

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.
 - 2.3 Mature Age Entry
In addition to the requirements of the University of Dar es Salaam under this category, candidates must possess favourable recommendations from their employers or other relevant bodies.

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/she 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 optional 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

Course Code	Course Title	Credits	Semester	Core/Optional
First Year				
JO 102	Introduction to Journalism	12	1	Core
CO 101	Introduction to Mass Communication	12	1	Core
DS 101	Development Perspective I	8	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	Optional
PS 110	Introduction to Political Science I	12	1	Optional
PS 112	Comparative Political Thought	12	1	Optional
PS 113	Government and Politics in Tanzania	12	1	Optional
PE 100	Foundations of Physical Education and Sport	12	1	Optional
MK 100	Introduction to Business	12	1	Optional
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	8	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
LW 540	Media Law	12	1	Core
CO 201	Theories of Mass Communication	12	1	Core
PR 205	Gender and the Media	12	1	Optional
CO 210	Production Management	12	1	Optional
CO 211	Media Management and Organisation	12	1	Optional
HR 200	Organisational Behaviour	12	1	Optional
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	Optional

Course Code	Course Title	Credits	Semester	Core/Optional
PS 222	International Relations I	12	2	Optional
PE 200	Theory and Methods of Sports Training	12	2	Optional
PS 232	Contemporary Politics in East Africa	12	2	Optional
SO 251	Contemporary Sociological Theories	12	2	Optional
MK 201	Relationship Marketing	12	2	Optional
CO 209	Advanced TV production	12	2	Optional

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	Optional
JO 305	Advanced Radio Broadcasting	12	1	Optional
CO 313	Introduction to Media Economics	12	1	Optional
JO 309	Advanced TV Broadcasting	12	1	Optional
JO 311	Advanced Photojournalism	12	1	Optional
GM 300	Strategic Marketing	12	1	Optional
MK 305	Publicity and Public Relations	12	1	Optional
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	Optional
MK 310	Relationship Marketing	12	2	Optional
JO 306	Advanced Writing for Print Media	12	2	Optional
PS 335	Democracy and Elections	12	2	Optional
GE 350	Environmental Conservation Education	12	2	Optional
SO 371	Contemporary social Change and Culture	12	2	Optional
MK 301	Small Business and Entrepreneurship	12	2	Optional
PE 304	Sports Marketing and Journalism	12	2	Optional
HK 304	Leadership and Supervisory skills	12	2	Optional

Bachelor of Arts in Mass Communication

Course Code	Course Title	Credits	Semester	Core/Optional
First Year				
CO 101	Introduction to Mass Communication	12	1	Core
JO 102	Introduction to Journalism	12	1	Core
DS 101	Development Perspective I	8	1	Core
JE 100	English for the Media	8	1	Core

¹ All third-year Journalism students strongly encouraged to take this course

Course Code	Course Title	Credits	Semester	Core/Optional
JS 100	Kiswahili for the Media	8	1	Core
SO 116	Introduction to Sociology	12	1	Optional
PS 110	Introduction to Political Science I	12	1	Optional
PE 100	Foundations of Physical Education and Sports	12	1	Optional
PS 112	Comparative Political Thought	12	1	Optional
PS 113	Government and Politics in Tanzania	12	1	Optional
MK 100	Introduction to Business	12	1	Optional
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 102	Development Perspective II	8	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

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	Optional
GE 250	Environmental Conservation Education	12	1	Optional
CO 209	Advanced TV Production	12	1	Optional
CO 210	Production Management	12	1	Optional
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	Optional
MK 201	Relationship Marketing	12	2	Optional
PS 222	International Relations I	12	2	Optional
PE 200	Theory and Methods of Sports Training	12	2	Optional
PS 232	Contemporary Politics in East Africa	12	2	Optional
SO 251	Contemporary Sociological Theories	12	2	Optional

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	Optional
CO 311	Special Television Production	12	1	Optional
CO 313	Introduction to Media Economics	12	1	Optional
CO 315	Special Writing for the Media	12	1	Optional
CO 317	Children and the Media	12	1	Optional
GM 300	Strategic Marketing	12	1	Optional
MK 305	Publicity and Public Relations	12	1	Optional
PL 311	Professional Civics Ethics	12	1	Optional
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	Optional

Course Code	Course Title	Credits	Semester	Core/Optional
CO 314	Digital Audio and Video Post Production	12	2	Optional
PR 301	Advertising and Public Relations Campaign	12	2	Optional
PS 335	Democracy and Elections	12	2	Optional
GE 350	Environmental Conservation Education	12	2	Optional
SO 371	Contemporary social Change and Culture	12	2	Optional
PE 304	Sports Marketing	12	2	Optional
HR 304	Leadership and Supervisory skills	12	2	Optional

Bachelor of Arts in Public Relations and Advertising

Course Code	Course Title	Credits	Semester	Core/Optional
First Year				
CO 101	Introduction to Mass Communication	12	1	Core
PR 101	Intro to Public Relations and Advertising	12	1	Core
DS 101	Development Perspective I	8	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	Optional
PS 110	Introduction to Political Science I	12	1	Optional
PE 100	Foundations of Physical Education and Sports	12	1	Optional
PS 112	Comparative Political Thought	12	1	Optional
PS 113	Government and Politics in Tanzania	12	1	Optional
MK 100	Introduction to Business	12	1	Optional
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 102	Development Perspective II	8	2	Core
CO 103	Technical Basis of Communication	8	2	Core
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	Optional
CO 201	Theories of Mass Communication	12	1	Optional
GE 250	Environmental Conservation Education	12	1	Optional
CO 211	Media Management and Organisation	12	1	Optional
HR 200	Organisation Behaviour	12	1	Optional
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	Optional
CO 209	Advanced Television Production	12	2	Optional
MK 200	Principles of Marketing	12	2	Optional
CO 314	Digital Audio and Video Post Production	12	2	Optional

Course Code	Course Title	Credits	Semester	Core/Optional
PS 222	International Relations I	12	2	Optional
PE 200	Theory and Methods of Sports Training	12	2	Optional
PS 232	Contemporary Politics in East Africa	12	2	Optional
SO 251	Contemporary Sociology Theories	12	2	Optional

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	Optional
PR 313	Visual Communication	12	1	Optional
GM 300	Strategic Marketing	12	1	Optional
MK 305	Publicity and Public Relations	12	1	Optional
PL 311	Professional and Civic Ethics	12	1	Optional
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	Optional
PR 314	Public Relations for Non-profit	12	2	Optional
PS 335	Democracy and Elections	12	2	Optional
GE 350	Environmental Conservation Education	12	2	Optional
SO 371	Contemporary Social Change and Culture	12	2	Optional
HR 304	leadership and Supervisory Skills	12	2	Optional

Certificate in Journalism

Course Code	Course Title	Credits	Semester	Core/Optional
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

SJMC STAFF LIST

Office of the Dean

Senior Lecturer and Dean

M. Andindilile, Dip. Jour. (Evelyn Hone), BA, MA (Dar), MA (City, London), MPhil, PhD (Fordham)

Associate Dean

D. Kaijanangoma, Cert. Ed. IIIA (Katoke), Dip. Ed. (Marangu), BA (SAUT), MA (Daystar), PhD (Moi)

Lecturers

***A. Rioba, BA (Mass Comm.) (Makerere), MA (Jour.) (Cardiff), PhD (Tamepere)

J.D. Kalugendo, BA (Daystar), MA (Daystar) PhD (Concordia)

D. Kaijanangoma, BA (SAUT), MA (Daystar), PhD (Moi)

K. Gidion, BEd, MA (Dar), PhD (SAUT)

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A. Katunzi, BA (Dar), MA (Makerere)

*D. Makukula, BA, MA (Dar)

*N. Mfaume, BA (Islamic Univ., Uganda), PGD (Dar), MA (Makerere)

Z. Selemani, BA (Dar), MA (Peace)

M. Mtuwa, MAPPF (USSR)

*E. Ngelela, BA, MA (Dar)

*I. Athumani BA, MA (Dar)

*M. Zacharia, BA (Dar), MA (Daystar)

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S. A. Hussein, BA, MA (Dar)

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D. Shayo, BA (Dar)

V. Baden, BA (Dar)

Senior Instructor

E. Solomon, BA (Makerere), MA (Tampere), PhD (Berlin)

Studio Instructors

S. Chungu, FTC, BENG (DIT), PGDSc (Dar)

D. Ishengoma, BA, MA (Dar)

R. Muniko, BA, MA (Dar)

Z. George, BA, MA (Dar)

Senior Artisan

R. Kitwana, CertJourn, DipJourn (TSJ)

Mlimani Media Producers/Reporters/Co-ordinators

***H. Ndambaya, PGD (Dar)

***S. Mwehozi, BA (Dar)

A.Mgeni, BA (Dar)

H. Mushi, BA (Dar)

A. Mkama, BA (Dar)

S. Mustapher, BA, MA (SAUT)

Principal Administrative Officer

M.P. Bwathondi, B.Com, MBA (Dar)

Accountant

G. Sanga, CPA (T), MBA, ADCA (Mzumbe)

Senior Library Officer

C.F. Nchimbi, Dip in Lib. Arch. & Doc. (SLADS), LLB (OUT), PGD Records&Archives Mgt. (TPSC)

Systems Administrator

F. Hume, BSc (Dar)

* On study Leave

***On Leave of Absence/Secondment

INSTITUTE OF DEVELOPMENT STUDIES (IDS)

INTRODUCTION

A: 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 DS 112 and DS 113 courses for first year students taught in the first and second semester, respectively. Each of these courses carries 8 credits.

Aims and Objectives

DS 112: Development Perspectives I - First Semester

- Enable students to understand different development theories, discoveries, African struggles for development, and struggles against external forces
- Enable students to undertake comparative analysis of different development processes in different countries
- Impart the knowledge of good and responsible citizenship as well as good leadership and their implication to the development process

DS 113: Development Perspectives II - Second Semester

- Equip students with appropriate perspectives and understanding of development processes, policies, and plans relevant to developing countries.
- Enable students to acquire knowledge, skills, and expertise for analyzing social policies and evaluating developmental issues.
- Enable students to acquire skills and ability to analyze practical development processes in terms of their prospects and challenges.

B. BA Development Studies programme

The Institute also offers BA Development Studies programme.

Below are courses offered under this programme are:

FIRST YEAR: Semester I

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 112	Development Perspectives I	Core	8
DS 105	Political Economy of Development	Core	12
DS 106	Introduction to Population and Development	Core	12
DS 107	State and Development	Core	12
DS 109	Economics of Development	Core	12
DS 111	Development and Human Rights	Core	12
			68

FIRST YEAR: Semester II

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 113	Development Perspectives II	Core	8
DS 103	Theories of Development and Underdevelopment	Core	12
DS 104	Gender and Development	Core	12
DS 108	Introduction to Development Research	Core	12
DS 110	Poverty Reduction Strategies	Core	12
CL 106	Communication Skills for Arts and Social Sciences	Core	12
			68

SECOND YEAR: Semester I

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 220	Governance and Development	Core	12
DS 221	Economic Challenges and Prospects of Developing Countries	Core	12
DS 222	Development and the Environment	Core	12
DS 224	Science and Technology for Development	Core	12
			48

Electives: Students should add ONE of the following courses

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 211	Civil Society, Social Capital and Development	Optional	12
DS 213	Education and Development	Optional	12
DS 226	Industrialization and Development	Optional	12

SECOND YEAR: Semester II

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 227	Development Policy Analysis	Core	12
DS 228	Development Ethics	Core	12
DS 223	Political Economy of Natural Resources	Core	12
DS 231	Globalization and Development	Core	12
			48

Electives: Students should add ONE of the following courses

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 210	Local Government and Development	Optional	12
DS 214	Project Design and Management	Optional	12
AS 217	Introduction to Computers	Optional	12

DS 299 Practicum Core 24

THIRD YEAR: Semester I

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 301	Rural Development	Core	12
DS 303	Urbanization and Development	Core	12
DS 305	Private Sector, SMEs Promotion and Development	Core	12
DS 307	Development Planning	Core	12
			48

Electives: Students should add ONE of the following courses

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 309	Agricultural Development and Food Security	Optional	12
DS 315	Public Policy for Development	Optional	12
DS 317	Tourism and Development	Optional	12

THIRD YEAR: Semester II

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 302	Regional Cooperation and Integration for Development	Core	12
DS 304	Health and Development	Core	12
DS 306	Monitoring and Evaluation of Development	Core	12
DS 308	Communication for Development	Core	12
			48

Electives: Students should add ONE of the following courses

<i>Code</i>	<i>Course Title</i>	<i>Status</i>	<i>Credits</i>
DS 310	Development Budgeting	Optional	12
DS 312	Entrepreneurship and Youth Self-Employment	Optional	12
PS 347	Peace-making and Conflict Resolution	Optional	12

IDS STAFF LIST

Associate Professor and Director

E. W. Dungumaro, BScEd (Dar), MA (Dar), PhD (Hitotsubashi, Tokyo, Japan)

Senior Lecturer and Deputy Director

J. Kiduanga, BSc, MSc (Moscow), PhD (Dar)

Administrative Officer

J Lyimo

Professors

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E. P. Niboye, BSc(Dar), DipEnvMgm (Australian National University) Dr. rer. OEC (Johannes Kepler, Linz)

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M. Ngaiza, BA, MLS (Southborough), MA, PhD (Dar)

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*P. Japhet, BA, MA (Dar)

P. Katto, BA, MA (Dar)

V. Hamza, BA, MA (Dar)

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W. B. Msebeni, BA (Dar)

C. R. Shankango, BA (Dar)

I. Y. Majenda, BA (Dar)

O. Thabit, BA (Dar)

C. Nyirenda, BA (Dar)

Librarian

Abdallah, Dipl. (SLADS)

Accountant

E. Kiwenge, ADA (IAA)

Office Management Secretary I

J. R. Mduma B.A. General (OUT), Full Secretarial Course-ISS (Tabora Secretarial College), Advanced Computer Course (BICO-UDSM)

System Administrator

J. Mwengele BSc. with Computer Science (UDSM)

Office Supervisor

H. Rumadha, Certificate in Records Management (TPSC, Magogoni)

Office Attendant

G. Aniceth, Form IV

Driver

M. Said Advanced Driving Course (NIT)

*On study Leave

INTRODUCTION

The Institute of Kiswahili Studies (IKS) is unique, in that it is the oldest Kiswahili institute in the world. It was established in 1930 as the Inter-Territorial Language Committee for what was known then as the East African Dependencies. Since that time, the IKS has continued researching into and developing various aspects of Kiswahili literature, language, and culture the world over. Through its publishing wing- TUKI, the Institute has continued publishing international academic journals with analytical and descriptive articles and critiques; examining and discussing linguistic, literary, and philosophical issues relating to Kiswahili scholarship; articles that analyze and discuss issues pertaining to Kiswahili culture and African oral traditions. The institute has also continued publishing creative works, Kiswahili monolingual and bilingual dictionaries, and internationally 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. In addition, IKS has four research centres dealing with research, Kiswahili language, teaching, and promotion. 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 Language Technology
- (d) Centre for Lexicography and Kiswahili Grammar

All of which make the Institute the most popular educational hub for teaching and orienting foreigners in Kiswahili language and culture. The Institute is headed by a Director, Associate Director, and Principal Administrative Officer.

Examination Regulations

These regulations are in addition to the General Examination Regulations of the University of Dar es Salaam.

1. The regulations shall apply to all first, second, and third year students for the Bachelor of Arts in Kiswahili examinations.
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 all courses shall be done online through the Academic Registration Information System (ARIS).
3. A student who registers later than the specified time will be punished according to the General University.
4. For the purpose of assessment, University Examinations shall include the entire process of assessment, that is, coursework assignments, tests, practicals, and final examinations.
5. All courses offered during a semester shall be examined at the end of that semester.
6. Course grade will be based on an end of course final examination and a coursework assessment. The coursework assessment shall normally constitute 40% of the total course assessment. Final examination will constitute the other 60%.
7. 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;

 “I”: Incomplete
8. For purposes of degree computation, these grades shall have the values of 5, 4, 3, 2, 1 and 0 respectively. The pass mark in each of the course taken shall be “C”. The mark for fail shall be “D” and the mark for absolute fail shall be “E”.
9. Courses shall be weighted by multiplying the final grade of a given course by the number of its course units. Student’s overall performance (GPA) will be computed by dividing the weighted total by the total course units.
10. Course grades multiplied by the appropriate unit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree. Computation of the GPA shall be based on all courses explained in the relevant programme and elective courses elected by the candidate as allowed under the said degree programme. The final BA 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).
11. A student failing in some courses 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 E grade
 - 11.1. A student who fails supplementary examinations will be allowed to carry over the failed courses into the next years as s/he decides, provided that:
 - (a) The total GPA after sitting for supplementary examinations shall be 2.0; and
 - (b) A course carried over must be taken and cleared during the allowed time, that is, not more than five years.
 - 11.2. A carried-over course must be taken in full, including all the coursework.
 - 11.3. A student who fails an examination of any course that has been carried over shall be allowed to sit for a supplementary examination provided his/her GPA is not less than 1.8.
 - 11.4. Special examinations administered at the time of supplementary examinations will be treated as first sitting and graded as such.
 - 11.5. 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 coursework shall be awarded a "PEX" ("Postponed Exam") grade or "I" ("Incomplete") grade respectively.
 - 11.6. A student who has been awarded a "PEX" or "I" grade is required to clear the grade during the time of supplementary examinations for that academic year. Except with the approval of the Institute Board, any "PEX" or "I" grade not cleared at the time of the supplementary examinations will be treated as an abscondment.
 12. The Institute's Director may, on the recommendation of the respective Department, bar students from taking University examination on the ground of poor attendance to classes and/or seminars or poor performance in the coursework assessment. Practically, poor attendance equals attending less than 75% of the required hours and poor performance in coursework assessment equals obtaining less than 40% of marks in the coursework.
 - 12.1. A student who is so barred will be deemed to have failed the course at an "E" grade.
 - 12.2. Such a student will be required to carry over the course, other regulations permitting.
 13. A student shall be discontinued from studies at the University if s/he attains an overall GPA of less than 1.8 or if the total GPA after sitting for supplementary examinations will be less than 2.0 or if s/he will not clear the carried-over courses within the maximum period of registration.
 14. Students must clear all courses within 5 years for the three-year programme. Any student who has failed to clear any course at the end of the maximum period of registration shall be deemed to have failed the programme and will not be awarded a degree.

Courses

Bachelor of Arts in Kiswahili

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
Mwakawa Kwanza				
KF102	UtanguliziwaFasihi	12	1	Lazima
KF103	NadharianaUhakikiwaFasihi	12	2	Lazima
KF104	UtanguliziwaMawasiliano	12	2	Hitari
KF105	HadithiFupiza Kiswahili	12	2	Hitari
KI 106	StadizaMatumiziya Kiswahili	12	2	Hitari
KI 107	MisingiyaIsimu	12	1	Lazima
KI 108	MiundoyaSentensinaMaanakatika Kiswahili	12	2	Lazima
KI 109	MiundoyaMisingiya Kiswahili	12	2	Lazima
KI 110	UtanguliziwaIsimujamiikatika Kiswahili	12	1	Lazima
KI 111	MisingiyaUandishiwa Kiswahili	12	2	Hitari
KI 112	VipengeleChangamanivyaSarufiya Kiswahili	12	2	Lazima
KI 113	MbinuzaUtafitinaUandishiwaTasnifukatikaLughanaFasihi	12	2	Hitari
	Development Perspectives I	8	1	
DS101	Communication Skills for Arts and Social Sciences	8	1	Lazima
CL106	Introduction to Social Science Research Methods			Lazima
	Development Perspectives II	8	1	Lazima
AS102		8	2	Lazima
DS102		8	2	Lazima

Msimbo	Jina la Kozi	Hadia	Semista	Hadhi
MwakawaPili				
KF202	FasihiAndishi	12	1	Lazima
KF203	FasihiyaWatotonaVijana	12	2	Lazima
KF204	FalsafayaKiafrikanaNadharayaFasihi	12	1	Lazima
KF205	UandishiwaKubunikwa Kiswahili: NadharianaVitendo	12	1	Hitiari
KF206	UtanguliziwaUchapishajikwa Kiswahili	12	1	Hitiari
KF207	MawasilianoChangamani	12	1	Hitiari
KI 208	Fonolojia	12	1	Lazima
KI 209	Mofolojia	12	2	Lazima
KI 210	NadhariayaSintaksianaUchanganuziwa Kiswahili	12	2	Lazima
KI 211	Historiaya Kiswahili naLahajaZake	12	2	Lazima
KI 212	Tafsiriya Kiswahili-Kiingereza	12	2	Hitiari
KI 213	Mitindoya Kiswahili cha Mazungumzo	12	1	Lazima
KI 214	MbinuzaUfundishaji Kiswahili kwaWageni	12	2	Hitiari
PL 111	Introduction to Critical Thinking and Argumentation	12	2	Hitiari

MwakawaTatu				
KF302	Fasihi-Simuliziya Kiswahili naKiafrika	12	1	Lazima
KF303	ElimuMitindoyaFasihiya Kiswahili	12	2	Lazima
KF304	Fasihi-Linganishiya Kiswahili	12	1	Lazima
KF305	UhakikiwaMaandishiyaShaaban Robert	12	1	Hitiari
KF306	Fasihiya Kiswahili naJinsia	12	1	Hitiari
KF307	Tendiza Kiswahili	12	2	Hitiari
KF308	MchakatowaUchapishaji	12	2	Hitiari
KI 309	Fonolojiya Kiswahili: NadharianaUchambuzi	12	1	Lazima
KI 310	Sintaksiaya Kiswahili	12	2	Lazima
KI 311	SemantikinaPragmatiki	12	2	Lazima
KI 312	Isimu-HistorianaIsimu-Linganishi	12	2	Hitiari
KI 313	Leksikografia	12	1	Lazima
KI 314	Mitindoya Kiswahili cha Maandishi	12	1	Hitiari
KI 315	UandishiwaNgaziyaJuu	12	2	Hitiari
KI 316	NadhariayaTafsirinaUchanganuzi	12	2	Lazima

IKS STAFF LIST

Office of the Director

Lecturer and Director

E. S. Mosha, BAEd, MA (Dar), PhD (Waikato)

Lecturer and Associate Director

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Senior Administrative Officer

M. E. Mbinda, BA (Dar), DipLib (Makerere), CertMgm (ESAMI), SPGDL (Dar)

Department of Kiswahili Language and Linguistics

Lecturer and Head of Department

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Professors

D. J. Mkude, BA (Dar), PhD (London)

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Associate Professor

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Senior Lecturer

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G. Mrikaria, BA, MA, PhD (Moscow)

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R. P. Kadami, BAEd, MA, (Dar), MPh (Oslo), PhD (Dar)

Assistant Lecturers

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* On study leave

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INTRODUCTION

The Institute of Marine Sciences (IMS) is located in Zanzibar with sub campuses at Mizingani Street and Buyu. In addition, IMS has a mariculture substation located in Pangani, Tanga. The Institute comprises of two academic sections namely: Physical and Environmental Marine Sciences (PEMS) and Marine Biology and Resources Management (MBRM). The third section dealing with Information and Communication Technology (ICT) is a cross-cutting section that provides GIS services and houses the National Oceanographic Data Centre (TzNODC) and the Marine Education Extension Development (MEED) which is the outreach arm of the Institute.

Degrees offered by the Institute

The Institute offers a three-year undergraduate degree programme:

(i) Bachelor of Science in Marine Sciences (BSc MASC) – *To be offered after TCU Accreditation*

In addition the Institute has study programmes leading to the following higher degrees:

(ii) Master of Science in Marine Sciences (MSc MASC) by thesis only

(iii) Master of Science in Marine Sciences (MSc MASC) by coursework and dissertation

(iv) Master of Science in Sustainable Fisheries Management (MSc SUFIM) by coursework and dissertation

(v) Doctor of Philosophy (PhD) by thesis only and PhD in Applied Marine Sciences by coursework and dissertation

(vi) Doctor of Philosophy in Applied Marine Sciences (PhD AMS) by coursework and dissertation

Details on the offered postgraduate programmes are in University Postgraduate Prospectus

Entry Requirements for the Bachelor of Science in Marine Sciences (BSc MASC)

(i) Direct Entry (Form VI) Qualifications:

Two passes at A-Level in biological/agricultural sciences and any of the following subjects: Chemistry, Physics, Mathematics and Geography.

(ii) Equivalent Qualifications:

Diploma in Fisheries, Aquaculture, Agriculture, Education (with Science subjects), Maritime and Forestry of not less than second class or grade B from recognized and reputable institutions within and outside the country.

Regulations Governing the Award of the BSc Degree in Marine Sciences (BSc MASC)

The BSc (MASC) programme is offered under a semester system whereby each academic year is subdivided into two (2) semesters of teaching each lasting 15 weeks. During each semester, the programme offers a variety of core courses that are compulsory to students majoring in marine sciences and optional courses. Each course is given a credit weighting according to the time devoted to it according to the Tanzania Commission for Universities guidelines. One credit is equivalent to learning outcomes achieved in 10 hours of learning which includes activities such as lectures, practical training, seminars/tutorials, assignments and independent studies.

General Regulations

IMS general regulations governing the operation of its BSc MASC are in line with the University level regulations. Both general and specific regulations have been benchmarked with regulations in other units (colleges, schools and institutes) at the University.

1. A minimum of 360 credits must be passed for the award of a 3-year BSc MASC. Passing a course shall mean scoring a C grade or higher.
2. All students must pass the core courses in Development Studies (100 series)
3. Each student shall register for courses totaling at least 120 credits per academic year.
4. 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).
5. No student will be permitted to commence or withdraw from any course more than four weeks after the beginning of the semester.
6. Students may be admitted to the Institute of Marine Sciences as transfer students in accordance with UDSM regulations on students' credit transfer.

Examination Regulations

7. Except for Practical training/Research project 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.

8. Except for project/practical related courses, continuous assessment shall include at least one test per semester, among other assessment means approved by IMS 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.

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

9.1 Course grade to marks (%) correspondence

Grade	Marks	Grade	Marks
A	= 70 - 100 %	C	= 40 - 49 %
B+	= 60 - 69 %	D	= 35 - 39 %
B	= 50 - 59 %	E	= 0 - 34 %

9.2 Course grade to point's correspondence

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

- 9.3 Scored 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.

10. 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 optional courses. The following points to grade correspondence shall apply in monitoring the student's progress in each academic year.

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

11. A student who has passed courses totaling more than 360 credits in the three-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.

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

Degree class	Points
First class	5.0 - 4.4
Upper class	4.3 - 3.5
Lower class	3.4 - 2.7
Pass	2.6 - 2.0

13. To be allowed to continue with any degree programme at IMS, a student must pass all the prescribed core courses in a programme and attain an overall GPA of 2.0 or above.
14. 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.
15. 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.
16. Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.
17. A student not in the final year who obtains a D or an E average in all the core courses shall be discontinued.
18. Supplementary Examination 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. 15 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).
19. With the approval of the IMS 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.
20. 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.
21. A grade scored in the supplementary examination shall constitute the final grade in the course regardless of the score in the original examination.
22. A student who has qualified to continue with his/her studies (under Regulations 20 and 21 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.

23. 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.
24. 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.
25. 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.
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 Director not to take the regular examination.
27. Normally, special examinations will be given at the time of supplementary examinations.
28. 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.
29. 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 IMS Board, any 'I' grade not cleared at the time of the supplementary examinations automatically becomes an 'E' grade.
30. 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.
31. 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.
32. All courses taken by a student shall be entered in the transcript.
33. The maximum time for which a student may remain registered at IMS 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 such courses have not been passed.

Practical Training

The Institute runs an eight-week practical /research project training programme in which students engage in practical/project activities related to their fields of study. Normally these activities are held in various institutions outside the University. The 3-year BSc MASC programme has two practical trainings (PTs), one coming immediately after the second semester in first-year and the second immediately after the second semester in second year. By the end of the second practical training, students shall propose the Research Project (RP) title to facilitate allocation of a supervisor for his/her third year RP studies. The practical /research project training programmes seek:

- (i) To expose students to the various research and/or production activities being carried out in different parts of the country;
- (ii) To enable the 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; and
- (v) To enable prospective employers and employees to become acquainted with one another in the working situation.

Regulations Governing Practical and Research Project Training

1. Each practical /research project (PT/RP) training shall be assessed and the grade obtained shall count towards the final degree award. Each PT/RP will contribute 8 credits.
2. Students must pass practical as well as research project training before qualifying for the award of the degree.
3. PT assessment will be based on the following four items:
 - 3.1 Employer's assessment: 15%-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.
 - 3.2 Student's daily log-book: 15%-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 clarity in description of activities (7.5%) and description of output (7.5%).
 - 3.3 Supervisor report (10%).
 - 3.4 Student's final report: 60%-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.

4. In order to pass a PT, a student must obtain at least three passes out of four (i-iv), one of which must be in his/her final report. The student's daily log-book and final report will be assessed by his/her University supervisor. In borderline cases these items may be used for re-assessment.
 - 4.1 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.
 - 4.2 A student who fails in a supplementary PT shall be discontinued forthwith.
 - 4.3 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.
 - 4.4 Students who go to the allocated PT places but refuse to follow training programme will be deemed to have absconded and consequently shall be discontinued.
5. Each PT shall be treated as a course of the succeeding academic year.
6. First and Second year PT reports will be handed in for assessment before the end of the second week of the first semester of the following year.
7. PT internal assessment shall be completed before the end of the first semester.
8. Each third-year student shall present a seminar on his/her proposed RP studies during semester one as directed by the IMS Practical Training Committee (IPTC). Each presentation shall be assessed on pass-fail bases by the IPTC.
9. Students with their proposals passed by the IPTC shall proceed with field studies.
10. RP dissertations shall be handed in for assessment before the end of second semester of the third year.
11. RP internal assessment shall be completed before the end of July.
12. A student who fails RP will be required once to go through and pass a supplementary training period and will score a maximum of C grade.
13. A student who fails to obtain a C grade in a supplementary training period shall be deemed to have failed and shall be discontinued.

Practical /Research Project Training

Code	Duration	Location	Timing	Remarks
OC 199	8 weeks	Various	June	Field Report
OC 299	8 weeks	Various	June	Field Report
OC 399	8 weeks	Various	Semester I & II	Dissertation

Special Institute Requirements

College/School/Institute	Program	Items
IMS	BSc MASC	Laboratory coats, gloves (box), protective eye glasses, mouth masks, diving mask and fins

Summary of Bachelor of Science Degree in Marine Sciences (BSc MASC) Courses

Code	Course Title	Credits	Semester	Core/ Option
First Year				
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 101	Perspectives of Development 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 102	Perspectives of Development II	12	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

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 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

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	Elective
OC 301	Coastal and Nearshore Processes	8	1	Elective
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	Elective
OC 303	Hydrogeology	8	2	Elective

IMS STAFF LIST

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A.M. Mwakalukwa, BA (Dar)

Principal Accountant and Head of Finance

A.S. Sabour, PGD (IFM), AD (Accounts) (IFM), MSc (Finance), CPA (T) (IFM)

INTRODUCTION

The Institute of Resource Assessment (IRA) which was formerly known as Bureau of Resource Assessment and Land Use Planning (BRALUP) was established in 1982 after BRALUP been elevated to level of Institute. It is located at the Main Campus of the UDSM. IRA is multidisciplinary in nature comprising long experienced staff of different backgrounds.

Main Objective

Teaching:

IRA offers Postgraduate training programmes in Natural Resource Assessment and Management (NARAM) at Masters and PhD levels. The main objective of NARAM Programme is to equip Professionals with innovative knowledge, skills and values in integrated natural resource assessment and management in order to enhance understanding of current natural resource management and environmental issues. The MSc NARAM programme is conducted by Coursework and Dissertation, while PhD training is by Thesis and is offered along similar areas of natural resource assessment and management. The Institute also offers tailor-made short courses including Climate Change and Biodiversity Conservation.

Applied Research and Community Services

It is essentially an Academic Institution conducting Independent Applied Research and provision of consultancy services to the Government Ministries, Parastatal and Private Organizations, Individuals and International Organizations.

Areas of expertise

- (i) Environment and Global Changes (including Climate Change, Adaptation, Mitigation and Risk Assessments);
- (ii) Natural Resource Management
- (iii) Agriculture, Food Security and Poverty Alleviation
- (iv) Population and Human Settlements
- (v) Socio-Economics and Policy Issues

In an effort to disseminate the Institute's research findings, the Institute has a Publication section that deals with sales and distribution of publications inside and outside Tanzania. The Institute's publications are in form of journal articles, Research reports and Monographs.

IRA STAFF LIST

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Professor and Director

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M. Tumbo, BSc (SUA), MSc. (Dar), PhD (Rhodes)

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Senior System Administrator

C.P. Kikwaya, MSc in Electronic Engineering and Information Technology

- * On study leave
- ** On Secondment
- *** On contract

1.0 INTRODUCTION

China and Tanzania have a long history of friendship since the era of Chairman Mao and Mwalimu Nyerere, and the current presidents have strengthened even further the relationship between the two countries. China is currently playing an important economic role in the world and investing heavily in countries. For example, there are about 500 Chinese companies in Tanzania, and each year thousands of Tanzanians are employed by these Chinese companies. Therefore, more job opportunities will be provided through these windows. In this case, given the current socioeconomic position of China, the number of Tanzanians who want to communicate with Chinese people for business purposes is increasing daily. As a result, cooperation between the people of the two countries is rapidly expanding to include other fields, such as research, economics, politics, tourism and socio-cultural issues.

Besides, the Ministry of Education and Vocational Training has signed an agreement with the Confucius Institute Headquarters in Beijing for further collaboration in education and curriculum development matters. Subsequently, the Ministry has made a decision to teach Chinese language in the country, starting with ten secondary schools as a pilot programme. All these events and decisions underscore the importance of teaching Chinese language in Tanzania and prospects of numerous employment opportunities for graduates who will take Chinese studies.

2.0 The establishment of the Confucius Institute at the University of Dar es Salaam

The Confucius Institute at UDSM (CIUDSM) was established in 2013 under agreement between UDSM on one hand and Confucius Institute Headquarters at Hanban and Zhejiang Normal University, China on the other. Under the agreement between the two institutions, UDSM is mandated to run Chinese studies on Campus and elsewhere in the country. Subsequently, CIUDSM has been running various non-degree programmes in Dar es Salaam and is gradually extending the service to other cities and institutions in the country.

The main objectives of CI at UDSM are to meet the Tanzania's growing need of understanding Chinese language, culture, technology and skills and to increase mutual understanding among the peoples of China and Tanzania. 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. Moreover, CI is likely to diversify the language skills in Tanzania by complementing the existing languages: Kiswahili, English and to some extent French. To that effect, CI began teaching of Chinese language short courses from the beginning of 2013/2014 academic year. In the academic year 2014/2015, CI introduced the General Chinese language as an optional course for University students. In addition to teaching Chinese language, CI provides professional services for the government, non-governmental organizations, the diplomatic community and the general public in Tanzania. In response to this urgency to teach Chinese Language, CI at UDSM is now offering number courses in Chinese language. These include the Diploma Programme in Chinese language, Chinese language Elective courses and Bachelor of Arts with Education (Chinese and English) as shown below;

1.0 Bachelor of Arts in Education (Chinese and English) – To be offered after TCU Accreditation

1.1. The Bachelors of Arts in Education (Chinese and English) Programme is intended to prepare students to be able to:

- i) acquire language proficiency in two teaching subjects including Chinese language;
- ii) teach Chinese language in primary and secondary school levels;
- iii) become prospective experts in translation, interpreting, editing and related skills;
- iv) Create a pool of employable graduates in the country and beyond.

1.2 Entry Requirements:

A candidate shall be deemed eligible for consideration for admission to a Bachelor of Arts in Education (Chinese and English) 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 obtained prior to sitting for the Advanced Certificate of Secondary Education Examination (A.C.S.E.E.) or equivalent;

AND

- (b) (i) For previous years graduates up to 2013:

Two principal Passes in art or science subjects in the A.C.S.E.E. or equivalent with total points from three subjects not below 5 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 above:

Two passes in relevant art or science subjects in the A.C.S.E.E. 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]

OR

(i) A Diploma in Chinese language of the University of Dar es Salaam or equivalent diploma from recognized institutions and approved by the UDSM Senate. The candidates must have passed with an average B or higher grade.

Programme objectives and philosophy

The BA in Education (Chinese and English) Programme is aimed at preparing students who will work professionally in the area of Chinese language teaching. The training will be strongly carried out through imparting theoretical knowledge and practical skills in language learning/teaching. The practical part of the training will be implemented in the schools/institutions that will have introduced Chinese language studies.

Programme Assessment

1.4.1 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 [30% practical assessment; 30% written examination].

1.4.2 Examination regulations

The general University of Dar es Salaam examination rules and regulations shall apply.

1.4.3 Condition for continuation and discontinuation

University-wide regulations for the continuation and discontinuation from studies shall apply.

Programme Structure and Course Outlines

The course structure below presents a list of courses a student in Bachelor of Arts in Education (Chinese and English) degree programme will take. The course Code “CM” stands for the Chinese Mandarin variety, which is the focus of the Confucius Institute studies.

SECOND YEAR: SEMESTER I

Code	Title	Status	Credits
*CT 106	Language Teaching Methods	Core	12
*EP 101	Introduction to Educational Psychology	Core	12
*LL 274	Introduction to Translation	Core	12
*LL 203	Introduction to Semantics	Core	12
CM 206	Chinese Writing Skills I	Core	12
	Total		60

*A student should select at least **one** course from the following electives*

CM 203	Chinese Usage	Elective	12
CM 202	Art of Chinese Characters	Elective	12
	Total		72

SECOND YEAR: SEMESTER II

Code	Title	Status	Credits
*CT 200	Principles of Curriculum Development & Teaching	Core	12

*CT 201	Education Media and Technology	Core	12
*LL 118	English Writing Skills	Core	12
CM 204	Chinese Oral Literature	Core	12
CM 212	Chinese Writing Skills II	Core	12
*CT 202	Teaching Practice II	Core	
	Total		60

*A student should select at least **one** course from the following electives*

*LL 218	English Rhetoric	Elective	12
*LL 220	English Grammar	Elective	12
	Total		72

THIRD YEAR: SEMESTER I

Code	Title	Status	Credits
*EA 300	Management of Education and School Administration	Core	12
*EP 307	Psychology for Exceptionalities	Core	12
*LL 317	Introduction to English Pragmatics	Core	12
CM 305	Chinese Contemporary Literature	Core	12
	Total		48

*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

*A student should also select at least **one** course from the following electives*

CM 311	Practical Translation in English and Chinese	Elective	12
CM 301	History of Chinese Language	Elective	12
	Total		72

THIRD YEAR: SEMESTER II

Code	Title	Status	Credits
*EP 300	Education Management and Evaluation	Core	12
*EF 303	Professionalism and Ethics in Education	Core	12
*LL 318	Study of Discourse	Core	12
CM 302	Chinese Classical Literature I	Core	12
	Total		48

*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

*A student should also select at least **one** course from the following electives*

CM 304	Introduction to Chinese Semantics	Elective	12
CM 303	Chinese for Business	Elective	12
	Total		72

2.0 Chinese Language Elective Courses (CLEC)

During the academic year 2016/17 CIUDSM changed the former *General Chinese Language Programme* of non-degree courses to *Chinese Language Elective Courses (CLEC)*. 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 Study Perspective (in the Institute of Development Studies).

2.1 Expected Outcomes of the Courses

The Chinese Language Elective courses are intended to prepare students to be able to:

- i) acquire Chinese language proficiency in listening, speaking, reading and writing;
- ii) become prospective experts in translation, interpreting, editing and related skills;
- iii) Create a pool of employable graduates in the country and beyond.

2.2 Course Management, Structure and Course Outlines

There are six courses, one course per semester. The six courses constitute three language levels: Beginners, Intermediate and Advanced. Therefore, a student who registers for the first course (CM 105) in his/her first year of study is expected to complete all the six courses in three years, as indicated in the following table.

FIRST YEAR: SEMESTER I			
Code	Title	Status	Credits
CM 105	Chinese Language Course for Beginners I	elective	12
FIRST YEAR: SEMESTER II			
Code	Title	Status	Credits
CM 109	Chinese Language Course for Beginners II	elective	12
SECOND YEAR: SEMESTER I			
Code	Title	Status	Credits
CM 209	Chinese Language Course for Intermediate Learners I	elective	12
SECOND YEAR: SEMESTER II			
Code	Title	Status	Credits
CM 210	Chinese Language Course for Intermediate Learners II	elective	12
THIRD YEAR: SEMESTER I			
Code	Title	Status	Credits
CM 308	Chinese Language Course for Advanced Learners I	elective	12
THIRD YEAR: SEMESTER II			
Code	Title	Status	Credits
CM 309	Chinese Language Course for Advanced Learners II	elective	12
Total			72

2.3 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 levels HSK levels.

Course Code		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			

2.4 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.

2.5 Examination Regulations and assessment

These regulations are in addition to the General Examination Regulations of the University of Dar es Salaam.

2.5.1 Registration of all elective courses shall be done online through the Academic Registration Information System (ARIS).

2.5.2 A student who registers later than the specified time will be punished according to the General University

- 2.5.3 For the purpose of assessment, University Examinations shall include the entire process of assessment, that is, coursework assignments, tests, practical's and final examinations.
- 2.5.4 All courses offered during a semester shall be examined at the end of that semester.
- 2.5.5 Course grade will be based on an end of course final examination and a coursework assessment. The coursework assessment shall normally constitute 40% of the total course assessment. Final examination will constitute the other 60%.
- 2.5.6 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 %;
 "I": Incomplete
- 2.5.7 The pass mark in each of the course taken shall be "C". The mark for fail shall be "D" and the mark for absolute fail shall be "E".

3.0 Diploma in Chinese Language

During the academic year 2016/2017 CI UDSM will begin offering a two year diploma program in Chinese Language. The course will be offered at University of Dar es Salaam Mwalimu J.K Nyerere Campus, MUCE and DUCE.

3.1 Programme objectives and philosophy

The diploma programme in Chinese is aimed at preparing students in the language skills from beginner to intermediate levels so that they are ready to join higher learning programmes or institutions for advanced and professional skills. The training will be strongly carried out through imparting theoretical knowledge and practical skills in listening, speaking, reading and writing. The practical part of the training will be implemented through attaching to Chinese companies in the country where they can practice their language skills with the native Chinese speakers

3.2. Programme Learning Outcomes:

The Diploma Programme in Chinese is intended to prepare students to be able to:

- i) acquire language proficiency in Chinese language;
- ii) pass HSK Level IV and HSKK Intermediate Level;
- iii) gain skills that will enable them to study for translation, interpreting and editing courses;
- iv) create a pool of students for BA in Education and BA in Language Studies (with a major and minor language; e.g. BA in Chinese & Kiswahili, BA in Chinese & English, BA in Chinese & French, or the other way round, with students majoring in the other language and minoring in Chinese).

3.3. Entry Requirements:

A candidate shall be deemed eligible for consideration for admission to the diploma programme if he/she has the following qualifications: Certificate of Secondary Education Examination (CSEE) or equivalent, with passes in TWO approved subjects.

3.4 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.

3.5 Details on Programme Assessment

3.5.1 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.

3.5.2 Examination regulations

The general University of Dar es Salaam examination rules and regulations shall apply.

3.6 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.

FIRST YEAR: SEMESTER I

Code	Title	Status	Credits
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			
Code	Title	Status	Credits
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			
Code	Title	Status	Credits
CM 019	Intermediate Chinese Listening and Speaking I	Core	12
CM 020	IntermediateComprehensive Chinese I	Core	12
CM 021	BasicChinese 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			
Code	Title	Status	Credits
CM 024	Intermediate Chinese Listening and Speaking II	Core	12
CM 025	IntermediateComprehensive 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

CI STAFF LIST

Associate Professor and Director

X. Zhang, BA (ZNU), MA (Zhejiang University, Hangzhou)

Associate Professor and Co-Director

A. K. Mutembei, BAEd, MA (Dar), MA, PhD (Leiden)

Administrative Officer

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Lyu Zhenyu, BA (Henan), MA (Chengdu)

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W. Jie, BA (Harbin), MA (ZNU)

Y. Ting, BA (Kaili), MA (ZNU)

Tutorial Assistant

X. Xiaobin, BA (ZNU)

INTRODUCTION

Dar es Salaam University College of Education (DUCE) became a constituent College of the University of Dar es Salaam on 1st September 2005. It is located at Chang'ombe near the National Stadium where the former Dar es Salaam Teachers College was located.

The Dar es Salaam University College of Education has three faculties namely; Faculty of Education, Faculty of Humanities and Social Sciences and Faculty of Science. Currently DUCE has four degree programmes which are:

1. Bachelor of Education in Arts (BEd in Arts)
2. Bachelor of Education in Science (BEdSc)
3. Bachelor of Arts with Education (BAEd)
4. Bachelor of Science with Education (BScEd)

For the BAEd and BScEd 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 years.

ADMISSION REGULATIONS

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@admin.udsm.ac.tz

Tel. 255-22-2410544/2410545/2410513 or 2410500

Ext. 2019 and 2057

Fax: 022-2410078

1. Applications for direct entry is conducted through the Tanzanian Commission for Universities (TCU) using the Central Admission System where by applicants can lodge their applications either by using the mobile SMS or the internet through <http://www.tcu.go.tz>
However, applicants for Mature Age Entry and Pre-entry can collect application forms from the Directorate of Undergraduate Studies, Administration Block in Room Number 105, at the University of Dar es Salaam or from the offices of Regional Education Officers (REOs) or download from the University website at www.udsm.ac.tz. The duly filled forms must reach the Director of Undergraduate Studies not later than the date indicated on the advertisement calling for applications for the particular admission season. Only applicants who meet the required minimum entry qualifications into the University should submit application forms. Forms from applicants who 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. Bona-fide 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 Faculty 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 to be re-admitted to 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:
 - (a) Sickness;
 - (b) Serious social problems (each case to be considered on its own merit); and
 - (c) Severe sponsorship problem.

General Minimum Entry Requirements

A candidate shall be deemed eligible for consideration for admission to an undergraduate degree programme of the University if the candidate has obtained:

- (a) 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 (A.CSEE) or equivalent;

And

- (b) At least two principal level passes in appropriate subjects in the A.CSEE or equivalent with total points from three subjects not below 5 (for Arts programmes) and 2 (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

Principal level passes in Divinity/Islamic Knowledge are not counted.

Or

- (c) An appropriate equivalent Diploma of not less than Second class/Credit level or B average obtained from a college which is fully registered by NACTE and approved by the UDSM Senate. For Diplomas that are further classified into Upper and Lower Second classes, the requirement shall be an Upper Second class or B+ average. Applicants from countries which follow the 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 Faculties

Bachelor of Arts with Education

- (i) **Direct Entry (Form VI) Qualifications**
At least two or more principal level passes in two teaching subjects one of which must be in Arts.
- (ii) **Equivalent Qualifications**
At least 2nd Class 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.

Bachelor of Education (Arts)

- (i) **Direct Entry (Form VI) Qualifications**
At least 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**

At least two Principal level passes in any of the following subjects: Physics, Chemistry, Mathematics and Biology.

(ii) **Equivalent Qualifications**

An appropriate Diploma in Education, recognized 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 with Education

(i) **Direct Entry (Form VI) Qualifications**

At least two Principal level passes 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.

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)	Facult	Degree Programme
1,000,000/=	y FoHSS FoED	BAEd BEd in Arts
1,300,000/=	FoS FoED	BSc (Education) BEdSc

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)
Medical Capitation	50,400
Registration	5,000
Examination Fee	12,000
Identity Card	5,000
Daruso Fee	5,000
Total	77,400

NB:

Students need to have separate funds to cater for stationery, books, meals and accommodation.

Members of the Governing Board

S/N	NAME	AFFILIATION	CONTACTS	TELEPHONE
1.	Prof. R. S. Mukandala	VC – UDSM	P. O. Box 35091 Dar es Salaam	0754780694
2.	Prof. W.A.L. Anangisye	Principal – DUCE	P. O. Box 2329 Dar es Salaam	0763119253
3.	Prof. F.D.A.M. Luoga	DVC- Academic UDSM	P. O. Box 35091 Dar es Salaam	2410077
4.	Dr. C. Chua	Dean, Faculty of Education	P. O. Box 2329 Dar es Salaam	0758912924
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7.	Mr. F. Mwanri	Deputy Executive Secretary	Planning Commission Dar es Salaam	0713611984
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16.	Mr. L. Chamurilo	Permanent Secretary (Transport) Ministry of Works, Transport and Communication	P.O.Box Dar es Salaam	0754304650

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FACULTY OF HUMANITIES AND SOCIAL SCIENCES

INTRODUCTION

The Faculty of Humanities and Social Sciences is one of the three faculties at DUCE, others being the Faculty of Education and Faculty of Science. The Faculty has three departments, namely; Department of Geography and Economics; Department of Languages and Literature and; Department of History, Development Studies and Political Sciences and Public Administration. The Faculty offers one degree programme; a Bachelor of Arts with Education. It operates a semester system of studies, in which the academic year is divided into two semesters. Each of its units offers a variety of courses and is given credits weighting according to the time devoted to it on the timetable. Each course will consist of twelve (12) credits, equivalent to 45 contact hours, normally comprising 30 one-hour lectures and 15 one-hour seminars. The only exception is Development Studies, which has 8 credits.

In order to graduate in a three-year Bachelor of Arts with Education programme, a student must take and pass 448 credits. The distribution of such units will be as follows:

Teaching subjects	276/264 Credits
Education courses	144/156* Credits
Development studies	16 Credits
Communication Skills	12 Credits
Total	448 Credits

*teaching practice included

Table 1: Distribution of courses

Year of Study	Content Courses	Faculty Courses	Education Courses	Total
1	21	7	6	34
2	21/24	-	18/15*	39
3	24	-	15*	39
Total	66/69	7	36/39	112

*teaching practice included

A GUIDE ON COURSES

- Students taking BAEd are required to take two Teaching Subjects (content) offered by the Faculty of Humanities and Social Sciences and Education courses offered by the Faculty of Education. A student will be guided by the Faculty to pick two teaching subjects: Teaching Subject #1 and Teaching Subject #2. For example, a student may choose History and Literature or Geography and Economics.
The units which offer courses to BA (Education) students are:
 - Economics,
 - Foreign Languages and Linguistics,
 - Geography,
 - History,
 - Literature,
 - Political Science and Public Administration,
 - Kiswahili.
- Compulsory College/ Faculty-wide courses
For BAEd students the following are compulsory/Faculty-wide courses:

DS101: Development Perspectives I	8 credits
DS102: Development Perspectives II	8 credits
CL106: Communication Skills	12 credits
- The Faculty 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, Geography, Fine and Performing Arts, Political Science and Public Administration or Economics.
- 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 Faculty/college wide core courses and given that the Faculty 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.
 - 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 English, French and Kiswahili.
 - (ii) *Non-language BAEd*: Students choose teaching subjects 1 and 2 from non-language subjects such as History, Geography, Fine and Performing Arts, Political Science and Public Administration or Economics.
 - (iii) *Language + Non-language BAEd* Students choose one language subject and one non-language subject. For instance English and History; or Kiswahili 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:
- (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 CT 107, in addition to EP 101 (36 credits).

Tables 1a guides the counting of units 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 1a: Case of Two Languages or Two Non-language Subjects

	Semester 1			Credits	Semester II			Credits	Year Total
1 st 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			
	<i>EF 100</i>		12	<i>CT 100</i>		12			
	<i>DS101</i>		8	<i>DS102</i>		8			
				<i>CL106</i>		12			
	<i>Sub-total</i>		68			68		136	
2 nd 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			
	<i>CT 106 or CT107</i>		12	<i>CT 200</i>		12			
	<i>EP 101</i>		12	<i>CT 201</i>		12			
	<i>Sub-total</i>		72			72		144	
3 rd 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			
	<i>EA 300</i>		12	<i>EF 303</i>		12			
	<i>EP 306</i>		12	<i>EP 300</i>		12			
	<i>Sub-total</i>		72			72		144	
Programme Total								424	

Table 1b 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.

Table 1b: Case of One Language and One Non-Language Subjects

	Semester 1			Credits	Semester II			Credits	Year Total
1 st 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**			

	Semester 1		Semester II		Year Total
	<i>EF 100</i>	12	<i>CT 100</i>	12	
	<i>DS101</i>	8	<i>DS102</i>	8	
			<i>CL106</i>	12	
	<i>Sub-total</i>	68		68	136
2 nd 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	
	<i>CT 106</i>	12	<i>CT 200</i>	12	
	<i>CT107</i>	12	<i>CT 201</i>	12	
	<i>EP 101</i>	12			
	<i>Sub-total</i>	72		72	144
3 rd 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	
	<i>EA 300</i>	12	<i>EF 303</i>	12	
	<i>EP 306</i>	12	<i>EP 300</i>	12	
	<i>Sub-total</i>	72		72	144
Programme Total					424

First Year Semester I: limit is 68 credits, because DS 101 has 8 credits.

****First Year - Semester II:** Given the need to take DS 102, 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 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 Practice 'practical courses' (TP)* administered by the Faculty of Education.

1. Teaching Practice 1 (CT 101) during the long vacation after Semester II of 1st year (core, 12 credits)

2. Teaching Practice II (CT 202) during the long vacation after Semester II of 2nd year (core, 12 credits)

Note: the 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.* Admission Requirements

5. All students admitted to the Faculty of Humanities and Social Sciences shall be enrolled in Bachelor of Arts in Education degree programme.

6. In order to graduate from the Faculty, a student must take and pass a minimum of 428 credits and a maximum of 464 credits for a three-year programme.

7. Students enrolled in BAEd a programme will take or their two teaching subjects, plus other subjects specified for the programme as follows:

(iv) 132/144 credits in teaching subject 1

(v) 132/144 credits in teaching subject II

(vi) 144/156 credits in Education courses

(vii) 12 credits in Communication skills

(viii) 16 credits in Development studies

Credits in which the student takes his/her teaching subjects will specify, for each combination, which courses from other credits/ faculties best suit their students' needs.

General Examination Regulations

1. **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.**

2. For the purpose of assessment, University Examinations shall include the entire process of assessment that is, coursework assignments, tests, practical, and final examinations.

3. The regulations shall apply to all first, and second year BAEd examinations in the Faculty.
4. All courses offered during a semester shall be examined at the end of that semester.
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 %
 - E : 0 – 34 %
 - “I” : Incomplete course work.
6. For purposes of degree computation, these grades shall have the value of 5, 4, 3, 2, 1, 0, point, respectively. The pass mark in each of the course taken shall be “C” The mark for “absolute” fail shall be “E”.
7. Courses shall be weighed by multiplying the final grade of a given course by the number of its course units and a student's overall performance will be computed by dividing the total course units into the weighted total for all courses taken.
8. Course grades multiplied by the appropriate unit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree. The final BAEd 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)
9. All marks for coursework and written examination shall be adjusted before amalgamation, such adjustment being made by the respective departments.
10. A student shall be allowed to supplement provided the overall GPA is not less than 1.8. The Course work marks shall be added to the supplementary marks to give the student a C, D or E grade.
 - 10.1 A student who fails supplementary examinations will be allowed to carry them over into the next year, provided that no student is allowed to take more than eight 3-unit courses in any one semester, including carry-overs.
 - 10.2 Courses carried over must be cleared within the allowable maximum period of registration.
 - 10.3 A course that has been supplemented will be awarded a maximum of grade C. This will also apply to a course that has been supplemented and carried over.
 - 10.4 Special examinations given at the time of supplementary examination will be treated as first sitting and graded as such.
 - 10.5 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 coursework, shall be awarded an “I” (“Incomplete”) grade.
 - 10.6 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 Faculty Board, any ‘I’ grade not cleared at the time of the supplementary examinations will automatically become an ‘E’ grade.
 - 10.7 A student who has obtained an “E” grade due to “I” will be required to carry over the relevant courses to the following academic year where it will be treated like any other carried-over course.
11. 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.
 - 11.1 A student who is so barred will be deemed to have failed the course at E grade.
 - 11.2 Such a student will be required to carry over the course, other regulations permitting.
12. Course 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. Examination will constitute the other 60% from studies at the University if he/she fails in more than four courses at D or E grades, or if he/she attains an overall GPA of less than 1.8
13. Students must clear all courses within 5 years for 3-year programmes and 6 years for 4-year programmes. 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.

REGULATIONS GOVERNING THE CONDUCT OF EXAMINATIONS

Eligibility for Examinations

1. No candidate shall be admitted to any examination in any subject if the Dean of the Faculty is not satisfied that the candidate has completed by attendance and otherwise the requirements of the course. If such a candidate enters the examination room and sits for the paper his/her results in that will be declared null and void.
2. Senate may require a candidate whose work or progress is considered unsatisfactory on the recommendation of the Faculty Board, to withdraw from the University or to repeat any part of the course before admission to an examination.
 - (a) **Absence from Examinations**
 1. A candidate, who deliberately absents himself/herself from examinations without compelling reasons, shall be discontinued from the University.
 2. No students will be allowed to postpone examinations except under special circumstances. Permission to postpone examination will be considered after producing satisfactory evidence of the reasons for postponement. Such special circumstances shall include:
 - (i) Sickness
 - (ii) Serious social problems (each case to be considered on its own merit)
 - (iii) Severe sponsorship problems
 - (iv) Permission to postpone examinations will only be granted by the Dean of the Faculty upon receipt of the written request from the student that has been routed through the Academic Adviser and the Head of department.
 - (v) Where permission to postpone examinations is based on medical grounds, the student should enclose as evidence a signed opinion of a qualified medical practitioner from either the DUCE dispensary or the Muhimbili National Hospital. The opinion of a medical practitioner from any other hospital will not be considered.
 - (b) **Examination irregularities**
 1. No unauthorized material shall be allowed into the examination room. Senate shall discontinue from studies any candidate who will be found to have brought unauthorized material into the examination room during any part of the examination process.
 2. Any candidate who will be found to have cheated in any part of the examination shall be deemed to have failed in the whole of that examination for that year and shall be discontinued from the University, subject to confirmation by Senate.
 - (c) **Appeals**
 1. Except where unfair marking or other like irregularity in the conduct of any University Examination is alleged, no appeal shall lie in respect of any such examination on any other grounds.
 2. Where appeal involves remarking, students are strongly advised to seek for such remarking as soon as the host department releases provisional results.

Bachelor of Arts with Education (BAEd) Programme

Code	Course Title	Credits	Semester	Core/ Option
Economics Unit				
First Year:				
EC 116	Introductory Microeconomic Analysis I	12	1	Core
EC 117	Introductory Macroeconomic Analysis I	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core
EC 126	Introductory Microeconomic Analysis II	12	2	Core
EC 127	Introductory Macroeconomic Analysis II	12	2	Core
Second Year:				
EC 216	Intermediate Microeconomic Analysis I	12	1	Core
EC 217	Intermediate Macroeconomic Analysis I	12	1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
EC 226	Intermediate Microeconomic Analysis II	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core

Code	Course Title	Credits	Semester	Core/ Option
CT 200	Principles of Curriculum Development	12	2	Core
EC 227	Intermediate Macroeconomic Analysis II	12	2	Core

Third Year:

EC 371	Monetary Economics I	12	1	Core
EC 373	International Economics I	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
EC 381	Monetary Economics II	12	2	Core
EC 383	International Economics II	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core

Foreign Languages and Linguistics Unit

English

First Year:

LL 101	Introduction to Linguistic Structure	12	1	Core
LL 212	Introduction to English Structure and Function	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core
EP 101	Introduction to Educational Psychology	12	1	Core
LL 114	English Language Practice	12	2	Core
LL 102	Social and Biological Aspects of Language	12	2	core

Second Year:

LL 215	Dialects of English	12	1	Core
LL 219	Introductory English Phonetics & Phonology	12	1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
LL 214	English Structure	12	2	Core
LL 202	Morphology	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core

Third Year:

LL 317	Introduction English Pragmatics	12	1	Core
LL 201	Linguistic Theory	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
LL 314	Second Language Acquisition	12	2	Core
LL 302	Sociolinguistics	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core

French

First Year:

LL 170	Advanced French I	12	1	Core
LL 172	Introduction to Francophone Literature	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core

Code	Course Title	Credits	Semester	Core/ Option
EP 101	Introduction to Educational Psychology	12	1	Core
LL 171	Advanced French II	12	2	Core
LL 173	French Oral Literature from Africa	12	2	Core

Second Year:

LL 270	Advanced French III	12	1	Core
LL 274	Introduction to Translation	12	1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
LL 271	Advanced French IV	12	2	Core
LL 277	French Phonetics and Phonology	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core

Third Year:

LL 370	Advanced French V	12	1	Core
LL 374	Translation I	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
LL 371	Advanced French VI	12	2	Core
LL 377	French Morphology and Syntax	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core

Literature

First Year:

LT 110	Introduction to Literary Theories	12	1	core
LT 111	African Literature	12	1	core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core
EP 101	Introduction to Educational Psychology	12	1	Core
LT 112	Introduction to Literary Devices	12	2	core
LT 116	Literature and Society	12	2	core

Second Year:

LT 210	Poetry	12	1	core
LT 212	Drama	12	1	core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
LT 213	Modern Literary Theory	12	2	core
LT 214	Development of the Novel	12	2	core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core

Third Year:

LT 310	African Women Writers	12	1	core
LT 311	Theory and Practice of Publishing	12	1	core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
LT 312	Language and Literature	12	2	core
LT 315	African American Literature	12	2	core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core

Code	Course Title	Credits	Semester	Core/ Option
Geography Unit				
First Year:				
GE 140	Introduction to Physical Geography	12	1	Core
GE 142	Spatial Organisation	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	12	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core
EP 101	Introduction to Educational Psychology	12	1	Core
GE 144	Surveying and mapping science	12	2	Core
GE 141	Climatology	12	2	core
Second Year:				
GE 244	Quantitative Methods in Geography	12	1	Core
GE 240	Soil Resources	12	1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
GE 245	Remote Sensing	12	2	Core
GE 247	Population Studies	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core
Third Year:				
GE 249	Research Methods in Geography	12	1	Core
GE 352	Natural Resources Management	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
GE 353	Geographical Information Systems	12	2	Core
GE 349	The Geography of Africa	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
Kiswahili Unit				
First Year:				
KF 102	Utangulizi wa Fasihi (Simulizi na Andishi)	12	1	Core
KI 107	Misingi ya Isimu	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102:	Development Studies	8	2	Core
EP 101	Introduction to Educational Psychology	12	1	Core
KF 103	Nadharia ya Uhakiki wa Fasihi ya Kiswahili	12	2	Core
KI 108	Muundo wa Sentensi na Maana katika Kiswahili	12	2	Core
Second Year:				
KF 202	Fasihi Andishi ya Kiswahili	12	1	Core
KI 208	Fonolojia ya Kiswahili	12	1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
KF 204	Falsafa ya Kiafrika na Nadharia ya Fasihi ya Kiswahili	12	2	Core
KI 209	Mofolojia ya Kiswahili	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core

Code	Course Title	Credits	Semester	Core/ Option
CT 200	Principles of Curriculum Development	12	2	Core
Third Year:				
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	12	1	Core
KI 310	Sintaksia ya Kiswahili	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
KI 311	Semantiki na Pragmatiki ya Kiswahili	12	2	Core
KI 316	Nadharia na Tafsiri na Uchanganuzi	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
History Unit				
First Year:				
HI 103	Capitalism and Imperialism in World History	12	1	Core
HI 104	Themes in African History	12	1	Core
CL 106	Communication Skills	12	1	Core
DS 101	Development Studies	8	1	Core
EF 100	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102	Development Studies	8	2	Core
EP 101	Introduction to Educational Psychology	12	1	Core
HI 102	Survey of World History to ca. 1500 A.D	12	2	Core
HI 261	History of Tanzania	12	2	Core
Second Year:				
HI 262	History of East Africa	12	1	Core
HI 260	Philosophies and Methodologies of History	12	1	Core
HI 271	History of West Africa	12	2	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
HI 263	History of Central Africa OR+	12	2	Core/op
HI 362	History of South Africa	12	2	Core/op
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core
Third Year:				
HI 360	Economic History of Tanzania	12	1	Core
HI 368	Oral Histories in Tanzania: Theory	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
HI 364	Industrialization and the Rise of the Working Class in Britain	12	2	Core
AY 304	Basics in Archaeology	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core
Political Science and Public Administration Unit				
First Year:				
PS 110	Introduction to Political Science I	12	1	Core
PS 122	Political Thought I	12	1	Core
CL 106:	Communication Skills	12	1	Core
DS 101:	Development Studies	8	1	Core
EF 100:	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core

Code	Course Title	Credits	Semester	Core/Option
EP 101	Introduction to Educational Psychology	12	1	Core
DS 102:	Development Studies	8	2	Core
PS 111	Introduction to Political Science II	12	2	Core
PS 113	Governments and Politics in Tanzania	12	2	optional

Second Year:

PS 231	African Political Thought	12	1	Core
PS 233	Introduction to Public Policy		1	Core
CT 201:	Education Media and Technology	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
PS 225	Local Government	12	2	Core
PS 226	Legislature and Legislative Processes	12	2	Core
CT Y/X	Teaching Methodology (CT 106/107)	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core

Third Year

PS 334	Human Rights: Theory and Practice	12	1	Core
PS 337	Civil Society and the State	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 306	Counseling and Special Needs Education	12	1	Core
PS 341	Public Administration in Tanzania	12	2	Core
PS 335	Democracy: Theory and Practice	12	2	Core
EP 300	Educational Measurement and Evaluation	12	2	Core
EF 303	Professionalism and Ethics in Education	12	2	Core

FACULTY OF EDUCATION

The Faculty of Education comprises of two departments, namely; Department of Education Psychology and Curriculum Studies and Department of Educational Foundations, Management and Lifelong Education. The Dar es Salaam University College of Education currently offers two degree programmes in the Faculty of Education:

- (i) Bachelor of Education (Arts)
- (ii) Bachelor of Education (Science)

All courses offered are within the framework of the three- year education programmes. These degree programmes are offered in collaboration with the Faculty of Humanities and the Faculty of Science leading to the degree of Bachelor of Education (Arts) and Bachelor of Education (Science). The Faculty offers professional teacher preparation courses to Bachelor of Arts with Education (BAEd) and Bachelor of Science with Education (BScEd.) students registered in the Faculty of Humanities and Faculty of Science respectively.

Bachelor of Education in Arts Programme

Code	Course Title	Credits	Semester	Core/Option
First Year				
	Academic Content	24	1	Core
CL 106	Communication Skills	12	1	Core
DS 101	Development Studies	8	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
EF 100	Principles of Education	12	1	Core
CT 100	Introduction to Teaching	12	2	Core
DS 102	Development Studies	8	2	Core
CT 104	Classroom Interaction and Research	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
	<i>Academic Content</i>	12	2	Core
Second Year				
CT. 209/ 225/ 226/ 227/ 228/ 230	Teaching Subject Methods	12	1	Core
EF 200	History of Education	12	1	Core

Code	Course Title	Credits	Semester	Core /Option
CT 201	Education Media and Technology	12	1	Core
CT 203	Pedagogy of Teacher Education	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
	<i>Academic Content</i>	24	1	Core
CT 200	Principles of Curriculum Development and Evaluation	12	2	Core
EA 302	Administrative and Organizational Behaviour in Education	12	2	Core
	<i>Academic Content</i>	12	2	Core

Third Year

EF 301	Sociology of Education	12	1	Core
EF 300	Philosophy of Education	12	1	Core
CT 303	Introduction to Entrepreneurship Education and Training	12	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
	<i>Academic Content</i>	24	1	Core
EA 300	Management of Education and School Administration	12	2	Core
EP 300	Education Measurement and Evaluation	12	2	Core
EP 302	Research Methods in Education	12	2	Core
EP 306	Counseling and Special Need Education	12	2	Core
EF 303	Ethics and Professionalism in Education	12	2	Core
EF 302	International and Comparative Education	12	2	Core
	<i>Academic content</i>	12	2	Core

Bachelor of Education in Science (BEdSc) Programme

Code	Course Title	Credits	Semester	Core/Option
First Year				
	<i>Academic Content</i>	24	1	Core
CL 106	Communication Skills	12	1	Core
DS 101	Development Studies	8	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
EF 100	Principles of Education	12	1	Core
DS 102	Development Studies	8	2	Core
CT 100	Introduction to Teaching Practice	12	2	Core
CT 104	Classroom Interaction and Research	12	2	Core
CT 102	Computer Literacy for Teachers	12	2	Core
	<i>Academic Content</i>	12	2	Core

Second Year

CT 231	Teacher Education Science and Mathematics Methods	12	1	Core
CT 233	ICT in Science and Mathematics Education	12	1	Core
CT 203	Pedagogy of Teacher Education	12	1	Core
	<i>Academic Content</i>	24	1	Core
(i)	(ii) <i>Academic Content</i>	12	2	Core
CT 200	Principles of Curriculum Development and Evaluation	12	2	Core
CT 201	Education Media and Technology	12	2	Core
EA 302	Administrative and Organizational Behaviour in Education	12	2	Core
CT 101	First Year Teaching Practice	12	2	Core

Third Year

CT 300	Information Management and Technology	12	1	Core
CT 302	Contemporary Issues in Science and Mathematics Education	12	1	Core
	<i>Academic Content</i>	24	1	Core
EA 300	Management of Education and School Administration	12	1	Core
EP 300	Education Measurement and Evaluation	12	2	Core
EP 302	Research Methods in Education	12	2	Core
EP 306	Counseling and Special Need Education	12	2	Core

Code	Course Title	Credits	Semester	Core/ Option
EF 303	Ethics and Professionalism in Education	12	2	Core
CT 303	Introduction to Entrepreneurship Education and Training	12	2	Core
CT 304	Pedagogical Issues in Science and Mathematics Education	12	2	Core
CT 202	Second Year Teaching Practice	12	2	Core
	<i>Academic content</i>	12	2	Core

FACULTY OF SCIENCE

INTRODUCTION

The Faculty of Science at the Dar es Salaam University College of Education (DUCE) offers courses leading to the award of Bachelor of Science with Education (BScEd) of the University of Dar es Salaam. The Faculty of Science comprises three departments, namely; Department of Physics, Mathematics and Informatics; Department of Chemistry and; Department of Biological Sciences which comprise of various credits.

Admission / Entry Requirements:

The Faculty of Science, admits students into its undergraduate programmes under the prescribed admission regulations of the University of Dar es Salaam. Students admitted into B. Sc. (Ed) programme at DUCE shall select two major science subjects from the following combinations:

- (i) Biology and Chemistry with Education
- (ii) Biology and Geography with Education
- (iii) Computer Science and Mathematics with Education
- (iv) Mathematics and Chemistry with Education
- (v) Physics and Chemistry with Education
- (vi) Physics and Mathematics with Education

Objectives of the Programme

The overall objective of the programme is that over the three years, students should develop sufficient mastery of subject matter and competence in two teaching subjects as well as in pedagogy.

The yearly objectives are:

- (a) By the end of the first year, the students are expected to have acquired basic skills of pedagogy and intermediate level knowledge in their respective teaching subjects to enable them participate effectively in the first Teaching Practice.
- (b) By the end of the second year, students should have acquired sufficient classroom teaching skills and basic theories in education as well as more advanced knowledge and exposure in their respective teaching subjects.
- (c) By the end of the third year, it is expected that the product will be an effective A-Level Secondary School science/mathematics teacher who can teach with confidence.

Regulations governing the award of BSc with education degree

The Faculty of Science operates a semester system of studies. Each of its disciplines offers a variety of courses, including core courses, which are compulsory to students majoring in the subject and optional courses. Each course is given a credits weighing according to the time devoted to it on the timetable. Fifteen one-hour lectures or 15 two to three-hour practical classes constitute one unit. Thus, for example, a course consisting of 30 one-hour lectures and 15 three-hour practical classes is a twelve credits course. Seminars and discussion groups are not counted in the weighing unless they make up more than a third of the total teaching hours in a course. Each student shall register for courses totaling at least 120 credits per academic session or for the minimum necessary to complete his/her degree programme. A minimum of 388 credits must be passed for an award of BSc (Education) degree in a three years programme and the maximum load should be 432 credits. Passing a course shall mean scoring a C grade or higher.

All students admitted to the Faculty of Science shall major in two subjects starting from their first year of study. 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 she/he can meet the prerequisites/co-requisite requirements and which is compatible with the teaching timetable.

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 Faculty. The Dean's approval shall

constitute formal enrollment for all the courses listed in the programme. For first year students, mapping of the course programme will be done during the orientation week.

Students who are pursuing BScEd programme should select their two major science subjects from the following combinations:

Examination Regulations

Examination and teaching practice regulations prescribed for BScEd students at the UDSM will also apply at DUCE.

Faculty Examination Regulations

- 1 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 course work assessment. The course work assessment shall normally constitute 40% of the total course assessment. Course work assessment, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignment on which it is based shall be available for scrutiny by the External Examiner.
- 2 Monitoring of the student's progress in each course will be based on the following:
 - 2.1 Grade to marks (%) correspondence:

A = 70-100;	C = 40-49;
B+ = 60 – 69;	D = 35-39;
B = 50-59;	E = 0 – 34
 - 2.2 Grade to points correspondence:

A = 5 points	C = 2 points
B+ = 4 points	D = 1 point
B = 3	points E = 0
 - 2.3 Course grade multiplied by the appropriate unit weighting will be accumulated over the whole period of study and will form the basis for the assessment of the degree.
- 3 An average grade for each major subject shall be worked out by adding together, by means of weighted points, all the grade of the core course in that subject. The following points to grade correspondence shall apply in monitoring student's progress in each major subject:

4.4-5.0 = A	2.0-2.6 = C
3.5-4.3 = B+	1.0 – 1.9 = D
2.7-3.4 = B	0.0 – 0.9 = E
- 4 A student, who has passed courses totalling more than 388 credits in the BScEd programme, shall have one or more elective courses excluded from the assessment in the degree classification.
- 5 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 460 credits provided the above regulations 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
- 6 To be allowed to continue with any degree programme in the Faculty of Science, 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.
 - 6.1 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 at 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. For students taking BScEd the two major subjects will be Science and Education *i.e.* the science major subject will comprise prescribed courses from two teaching subjects. A student taking a Science subjects as a double major must score an overall GPA of at least 1.8 in all core courses in that subject to qualify for supplementary examinations.
 - 6.2 Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.
 - 6.3 A student not in the final year who obtains a D average in all the core courses of any two major subjects or an E average in all the core courses of any major subjects shall be discontinued.
- 7 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. 6.1 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).

- 8 With the approval of the Faculty Board and Senate, certain courses may be designated as courses where course work supplementation will not be permitted. When the course-work assessment in such a course is failed, the entire course must be repeated.
- 9 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.
- 10 A grade scored in the supplementary examination shall constitute the final grade in that course regardless of the score in the original examination.
- 11 A student who has qualified to continue with his/her studies (under Regulations 6 and 7 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.
- 12 A student who fails a supplementary examination in a core course in which he/she has enrolled twice shall be discontinued.
- 13 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 GPA in that major subject is 1.8 or higher.
- 14 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.
- 15 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.
 - 15.1 Normally, special examinations will be given at the time of supplementary examinations.
 - 15.2 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 a "post"/ "I" (incomplete) grade.
 - 15.3 A student who has been awarded "post"/ "I" grade during any academic year is required to clear the grade during the time of supplementary examination for that academic year. Except with the approval of the Faculty Board, "post"/"I" grade not cleared at the time of the supplementary examinations automatically becomes an "E" grade.
- 16 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.
- 17 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.
- 18 The maximum time for which a student may remain registered in the Faculty of Science 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.

General Regulations

1. A minimum of 388 credits must be passed for the BScEd degree programme. Passing a course shall mean scoring a C grade or higher.
2. All students admitted to the Faculty of Science shall major in two science subjects starting from their first year of study.
3. 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.
4. Science students must take and pass the recommended core courses in Development Studies (100 series) Communication skills and Introduction to Informatics and Microcomputers.
5. In addition to their Science course load, BScEd students shall take a minimum of 120 credits of Education, including all prescribed core courses.
6. BScEd students must also take all prescribed Teaching Practice courses offered by the Faculty of Education.
7. First year students who are pursuing BScEd programme should select their two major science subjects from either of the following combinations: Biology with Chemistry; Biology with Geography; Computer Science with Physics; Computer Science with Mathematics; Mathematics with Chemistry; Physics with Chemistry; Physics with Mathematics; Mathematics with Geography.

Bachelor of Science with Education (BScEd) Programme

Code	Course Title	Credits	Semester	Core/ Option
Chemistry Department				
First Year				

Code	Course Title	Credits	Semester	Core/ Option
CH 117	Organic chemistry (I)	12	1	Core
CH 118	Basic Analytical and Physical Chemistry	12	1	Core
CL 107	Communication Skills	12	1	Optional
DS 101	Development Studies	8	1	Core
EF 100	Principals of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
CH 121	Chemistry practical (I)	8	2	Core
DS 102	Development Studies	8	2	Core
CT 100	Introduction to Teaching Practice	12	2	Core
CT 108	Methodology Courses	12	2	Core

Second Year

CH 219	Systematic Inorganic Chemistry	12	1	Core
CH 243	Organic Chemistry (II)	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
CH 241	Chemistry Practical's (III)	8	2	Core
CH 201	Chemical Thermodynamics	12	2	Core
CH 262	Analytical and Environmental Chemistry	12	2	Optional
CT 200	Principles of Curriculum Development	12	2	Core

Third Year

CH 290	Chemical Kinetics and Electro Chemistry	12	1	Core
CH 248	Instrumental methods in analytical chemistry	8	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	3	1	Core
CH 377	Industrial Chemistry	3	1	Core
CH 341	Chemistry Practical (VI)	8	2	Core
CH 364	Coordination Chemistry	8	2	Core
CH 323	Organic Spectroscopy	8	2	Optional
EP 300	Educational Measurement and Evaluation	12	2	Core
EP 306	Counseling and Special Needs Education	12	2	Core

Mathematics Unit

First Year

MT 100	Foundations of Analysis	12	1	Core
MT 136	Ordinary Differential Equations 1	8	1	Core
CL 107	Communication Skills	12	1	Optional
DS 101	Development Studies	8	1	Core
EF 100	Principals of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
MT 114	Computer Programming	12	2	Optional
MT 127	Linear Algebra 1	12	2	Core
MT 147	Discrete Mathematics	12	2	Optional
CT 100	Introduction to Teaching Practice	12	2	Core
DS 102	Development Studies	8	2	Core
CT 108	Methodology Courses	12	2	Core

Second Year

MT 233	Mathematical Statistics	12	1	Core
MT 266	Rigid Body Mechanics	8	1	Optional
MT 274	Numerical analysis 1	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
MT 120	Analysis1: Functions of a Single variable	12	2	Core
MT 227	Linear algebra II	12	2	Optional
MT 278	Linear Programming	12	2	Core
CT 200	Principles of Curriculum Development	12	2	Core

Code	Course Title	Credits	Semester	Core/ Option
Third Year				
MT 200	Analysis2:Functions of Several Variables	12	1	Core
MT 378	Queuing Theory and Inventory Models	12	1	Optional
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
MT 310	Analysis 3: Complex Analysis 1	12	2	Core
MT 357	Abstract Algebra	12	2	Core
MT 360	Functional Analysis	12	2	Core
MT 389	Mathematics Project	8	2	Optional
EP 300	Educational Measurement and Evaluation	12	2	Core
EP 306	Counseling and Special Needs Education	12	2	Core
Physics Unit				
First Year				
PH 116	Experimental Methods of Physics I	8	1	Core
PH 122	Classical Mechanics	8	1	Core
CL 107	Communication Skills	12	1	Optional
DS 101	Development Studies	8	1	Core
EF 100	Principals of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
PH 127	Vibrations, Waves and Optics	12	2	Core
CT 100	Introduction to Teaching Practice	12	2	Core
DS 102	Development Studies	8	2	Core
CT 108	Methodology Courses	12	2	Core
Second Year				
PH 217	Quantum Physics	12	1	Core
PH 222	Advanced Mechanics	8	1	Optional
PH 204	Mathematical Methods of Physics	12	1	Optional
CT 101	First Year Teaching Practice	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
PH 247	Experimental Methods of Physics II	8	2	Core
PH 128	Electromagnetism	12	2	Core
PH 220	Statistical Thermodynamics	8	2	Core
PH 249	Fundamentals of Materials science	8	2	Optional
PH 332	Solid state physics	8	2	Optional
CT 200	Principles of Curriculum Development	12	2	Core
Third Year				
PH 339	Electronics	12	1	Core
PH 346	Physics Project	8	1 & 2	Core
PH 334	Energy in the Environment	8	1	Optional
PH 359	Astrophysics	8	1	Optional
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
PH 312	Elementary Particles	8	1	Optional
PH 317	Fundamentals of Electrodynamics	8	1	Optional
PH 351	Physics of the Atom	12	2	Core
PH 364	Earth – Atmosphere System	8	2	Optional
PH 319	Fundamentals of Atmospheric Physics	8	2	Optional
PH 373	The Basics of NMR Spectroscopy	8	2	Optional
EP 300	Educational Measurement and Evaluation	12	2	Core
EP 306	Counseling and Special Needs Education	12	2	Core
Biological Sciences Unit				
First Year				
BL 111	Introductory Cell biology and Genetics	12	1	Core

Code	Course Title	Credits	Semester	Core/ Option
CL 107	Communication Skills	12	1	Optional
DS 101	Development Studies	8	1	Core
EF 100	Principals of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
ZL 121	Invertebrate Zoology	8	1	Core
CH 113	Chemistry for Life Sciences Students	12	2	Core
CT 100	Introduction to Teaching Practice	12	2	
DS 102	Development Studies	8	2	Core
CT 108/107	Methodology Courses	12	2	Core

Second Year

BT 130	Evolutionary Biology	12	1	Core
EV 200	Environmental Science	8	1	Optional
ZL 124	Developmental Zoology	8	1	Optional
CT 101	First Year Teaching Practice	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
ZL 220	Vertebrate Anatomy and Physiology II	12	2	Core
BT 113	Introduction to Plant Physiology	8	2	Core
CT 200	Principles of Curriculum Development	12	2	Core
BL 113	Ecology I	8	2	Core
BL 234	Biostatistics I	12	2	Optional

Third Year

BT 225	Taxonomy of Higher Plants	12	1	Core
ZL 236	Introductory Entomology and Parasitology	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
ZL 302	Evolution	8	2	Core
BT 327	Anatomy of Angiosperms	8	2	Core
BT 113	Introduction to Plant Physiology	8	2	Core
BT 356	Plant Diversity and Conservation	12	2	Optional
BL 215	Ecology II	8	2	Optional
EP 300	Educational Measurement and Evaluation	12	2	Core
EP 306	Counseling and Special Needs Education	12	2	Core

Informatics and Virtual Education Unit

Code	Course Title	Credits	Semester	Core/ Option
First Year				
IS 131	Introduction to Microcomputer	12	1	Option
IS 161	Basic Computer Applications	12	1	Core
IS 142	Introduction to High level Programming	12	1	Core
CL 107	Communication Skills	12	1	Optional
DS 101	Development Studies	8	1	Core
EF 100	Principals of Education	12	1	Core
EP 101	Introduction to Educational Psychology	12	1	Core
IS 137	Data Structure and Algorithms	12	2	Core
IS 151	Digital Circuitry	12	2	Option
CT 100	Introduction to Teaching Practice	12	2	Core
DS 102	Development Studies	8	2	Core
CT 108/107	Methodology Courses	12	2	Core
Second Year				
IS 245	Operating Systems	12	1	Core
CT 101	First Year Teaching Practice	12	1	Core
CT 201	Educational Media and Technology	12	1	Core
IS 263	Database Concepts	12	2	Core
IS 292	Object Oriented Programming	12	2	Core
IS 258	PC-Maintenance	8	2	Optional

CT 200	Principles of Curriculum Development	12	2	Core
Third Year				
IS 272	Software Development I	12	1	Core
IS 333	System analysis and Design	12	1	Option
IS 335	Final Year Project I	8	1	Core
CT 202	Second Year Teaching Practice	12	1	Core
EA 300	Management of Education and School Administration	12	1	Core
IS 261	Network Design & programming	12	2	Core
IS 383	Internet Applications & Programming	8	2	Core
IS 335	Final Year Project II	8	2	Core
IS 353	Implementation of database	12	2	Option
EP 300	Educational Measurement and Evaluation	12	2	Core
EP 306	Counseling and Special Needs Education	12	2	Core

DUCE Governing Board Members

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Deputy Principal (Administration)

Prof. J. Buchweishaija, Dip. Ed (Mkwawa), BSc (Dar), MSc, PhD (Trondheim)

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FACULTY OF EDUCATION

Lecturer and Dean

C. L. Chua, Dip. Ed. (Morogoro), B.A.(Ed), M.A. (Ed), Ph.D. (Dar)

Lecturer and Associate Dean

J. Kayombo, B.Ed (Dar), Intern. Master of Ed. (Normal), PhD (Beijing)

Assistant Lecturer and Coordinator (Practicum)

N. Rukondo, B.A.(Ed), M.A. (Ed) (Dar)

Department of Educational Psychology and Curriculum Studies

Lecturer and Head

A. M. Machumu, B.A.(Ed), M.A. (ASP), Ph.D. (Dar)

Senior Lecturer

W. L. Lugoe, Dip.Ed (Morogoro), B.Ed, M.A. (Dar), M.Sc., Ph.D. (Bergen)

Lecturers

L. Mkonongwa, B.A.(Ed), M.A. (ASP) (Dar), Ph.D. (Dublin)
A. C. Kafyulilo, B.Ed (PESC), M.A. (Ed) (Dar), M.Sc. (EST), Ph.D. (Twente)
A. M. Machumu, B.A(Ed), M.A. (ASP), Ph.D. (Dar)
J. L. Nzilano, Dip.Ed. (Morogoro), B.Ed. (Arts), M.A. (Ed) (Dar), PhD (Victoria)
A. Mwalongo, B.A (Ed.), M. Ed (Karachi), PhD (Waikato)

Assistant Lecturers

G. Andrew, B.Ed. (Psych.), M.A. (ASP) (Dar)
◌W. Edward, B.Sc.,(Ed) M.Ed.(Sc) (Dar)
*M. B. Mgumba, B.A. (Ed.) M.A (ASP) (Dar)
◌H. Onditi, B.Ed (Psy), M.A.(ASP) (Dar)
◌A. A. Saragu, Dip. Ed. (Marangu), B.Ed (Arts), M.A.(Ed) (Dar)
◌K. L. Luhende, B.A (Ed.), M.A. (ASP) (Dar)
*S. Mgode, B.Ed.(Psy) ,M.A. (ASP) Dar
*T. Yotham, B.A. (Ed.), M.A.(ASP) (Dar)
◌I. Moses, B.Ed., M.A. (ASP) (Dar)
*E. Kyaruzi, Dip.Ed.(Monduli), B.A., M.A. (ASP) (Dar)
◌N. Mabula, B.Sc. (Ed), M.A. (ASP) (Dar)
*P. William, B.Ed, M.A. (ASP) Dar
F. Masath, B.Ed, M.A. (ASP) Dar
◌S. M. Kejo, B.A. (Ed), M.A.(Ed.) (Dar)
N. Rukondo, B.A.(Ed), M.A. (Ed) (Dar)
◌B. Mazzuki, B.Ed (Arts) Dar, M.A.(Ed) (Dar)
◌J. Kalinga, B.Ed (Arts), M.A. (Ed.) Dar
◌I. Buberwa, BA (Ed) (Dar), MPhil (Higher Ed) (Oslo)
*J. Mayega, B.Ed, M.A.(Ed) (Dar)
*L. Gabriel, B.A. Ed, M.A. (Ed) Dar
*J. Kipanda, B.A.(Ed), M.A. (Ed) Dar
◌F. Kyaruzi, B.Ed, MED (Sc) Dar
E. Kabelege, B.A. (Ed), M.A. (ASP) Dar
*T. Venance BA, M.A. (Ed) Dar
*K. Mjege, B.Ed (Dar), MIE (Massachussetts)
G. Nnko, B.A. (Ed), M.A., Dar
J. Njiku, B.Ed, MEd (Science) Dar
K. Dadi, B.Ed , MA (Ed.) (Dar)

Tutorial Assistants

◌C. Masabo, B.A.(Ed) (Dar)
I. Maage, B.A. (Ed)

Department of Educational Foundations, Management and Lifelong Education

Lecturer and Head

M. Bilinga, B.A.(Ed), M.A.(Ed), Ph.D. (Dar)

Lecturers

P. J. Urrio, Dip. Ed. (Korogwe), B.Ed., M.A. (Ed.) Ph.D. (Dar)
C. L. Chua, Dip. Ed. (Morogoro) B.A.(Ed), M.A. (Ed) Ph.D. (Dar)
M. Bilinga, B.A.(Ed), M.A(Ed), Ph.D. (Dar)
C. I. Raphael, Dip. Ed. (Mpwapwa) , B.Ed (Arts), MEMA (Dar), PhD (Dublin)
J. Kayombo, B.Ed (Dar), Intern. Master of Ed. (Normal), PhD (Beijing)

Assistant Lecturers

*G. Shoo, Dip. Ed. (Mpwapwa), B.Ed (Arts), MEMA (Dar)
◌K. Fulgence, Dip. Ed. (Chang'ombe), B.Ed (Sc), (MBA) (Dar)

*H. Mfaume, B.Ed, M.A. (Ed) Dar
*R. Mgaya, B.A, MA (Dar)
*O. Bethwel, B.Ed (Arts), M.A. (Ed) (Dar)
D. Fumpuni, B.A (Ed), M.A. (Ed) Dar
*P. Kavenuke, B. (Ed) (Dar), M. Ed. (China)
*K. Haule, B. (Ed), M.A. (Ed.) (Dar)
*C. Swai, B. Ed, M. Ed. (Dar)
A. Selemani B.A.(Ed), MA (Ed) (Dar)
H. Moyo B.A. (Ed) (Dar), MA (Ed) (Liverpool)

Tutorial Assistants

G. Kihwele, B.Ed (Arts) (Dar)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Senior Lecturer and Dean

E. Mwita, B.A, M.A (Dar), PhD. (Bonn)

Lecturer and Associate Dean

J. W. Mngumi, B.A, M.A (Dar), PhD (Glassgow)

Department of Economics and Geography

Senior Lecturer and Head

A. A. Kinyondo, B.A. (Namibia), M.A. (Ec.) (Botswana), Ph.D. (Monash)

Senior Lecturers

D. Mushi, B.A, M.A, PhD. (Oxford)

A. A. Kinyondo, B.A. (Namibia), M.A. (Ec.) (Botswana), Ph.D. (Monash)

E. Mwita, B.A, M.A, (Dar), Ph.D (Bonn)

Lecturers

D. Sabai, B.A. (Dar), M.Sc. (Netherlands), PhD (Rodes)

A. E. Songoro, B.A, M.Sc. (Dar), PhD (Justus Liebig-Giessen)

J. W. Mngumi, B.A, M.A (Dar), PhD (Glassgow)

E. Paul, B.A, M.A., PhD (Dar)

*S. Hegga, B.A, M.A. (Dar), PhD (Southampton)

E. Kwayu, B.A, M.A. (Dar), PhD (Leeds)

E. Mcharo, B.A, M.A. (Dar), PhD (Nairobi)

Assistant Lecturers

A. B. Safari, B.A, M.A. (Ec.) (Dar)

G. Hinju, B.A (Ec), M.A. (Dar)

M. Kauky B.A, M.A. (Dar)

N. Nthangu B.A, M.A. (Dar)

*D. A Lukiko, B.A, M.A (Dar)

*S. Jumanne, B.Sc. (Ed.) M.A. (Dar)

*S. Lwanga, B.A., M.Sc (Dar)

N. Msenda B.A. (Dar), M.A (Dar)

A. Miho B.A. (Dar), M.A. (Dar)

J. Ngondo, B.A. (Dar), M.Sc. (IWW) (Kenyatta)

M. Juvenary, B.A. (Dar), M.Sc. (IWW) (Kenyatta)

Tutorial Assistants

L. Robert, BA (Mzumbe)

B. Ally, B.A. (Dar)

Department of Languages and Literature

Lecturer and Head

D. Goodness, B.A. (Ed), M.A., M.Sc. (English Lang. Teaching) (Aston), PhD (Dar)

Senior Lecturers

A. Lusekelo, B.A. (Ed.), M.A. (Dar), Ph.D. (Botswana)
M. Samwel, B.A. (Ed.), M.A. (Ling), Ph.D. (Dar)

Lecturers

D. Goodness, B.A. (Ed), M.A. (Ling.) (Dar), M.Sc. (English Lang. Teaching) (Aston), PhD (Dar)
R. Ndomba, B.A. (Ed.), M.A. (Dar), PhD (Dublin)
B. Lema, B.A. (Ed), M.A, PhD (Dar)
R. J. Mbijima, B.A. (Ed.), M.A., PhD (Dar)
M. Zacharia, B.A (Ed), M.A. (Dar), PhD (Beyreuth)

Assistant Lecturers

*F. Pangani, B.A., M.A (Dar)
P. Ezekiel, B.A. (Dar), M.A, (Dar)
L. Philip, B.A., M.A. (Dar)
R. Ndimbo, B.A. (Dar) M.A. (Dar)
*M. Kassimu, B.A. (Ed), M.A. (Dar)
*E. Bwana B.A., M.A. (Bayreuth)
H. Masebo, B.A. (Ed.), M.A. (Ling.) (Dar)
J. G. Johannes, B.A. (Dar), M.A. (Dar)
L. Mpalanzi B.A. (Ed.), M.A. (Dar)
D. Mosha, B.A. (Ed.) (Dar), M.A. (Kenyatta)
*R. Kigume, B.A., M.A. (Dar)
*F. Mwendamseke, B.A. (Ed.), M.A. (Dar)
M. Kibiki, B.A (Ed.), M.A. (Dar)
*L. Kombe, B.A (Ed.), M.A. (Dar)
*C. Constantine, B.A, M.A. (Dar)
*J. Manyasa, B.A (Ed.), MA (Dar)
*N. Nelius, B.A, MA (Dar)
O. Simile, B.A, M.A (Dar)
A. Chipalo, B.A. (Ed.), M.A. (Ling.) (Dar)
M. Israel, B.A. (Dar), MA (Beau)
S. Misozi, B.A. (Dar), MA (Beau)
S. S. Bichwa, B.A., MA (Dar)
E. Illonga B.A. (Ed), MA (Dar)

Tutorial Assistants

Y. Lukinga, BA (Ed) (Dar)
S. Ntiruhava B.A. (Dar)
F. Hamidu, BA (Dar)
J.E. Lameck, B.A. (Ed.) (Dar)
E. J. Mkunde, B.A. (Ed.) (Dar)
S. Msovera, B.A. (Ed.) (Dar)
D. Atupele, B.A. (Ed.) (Dar)
M. Mgeja, BA (Dar)
D. Mwasunda, BA (Dar)
J. Simeo, BA (Dar)
M. Kapingo, BA (Ed) (Dar)

Department of History, Political Science and Development Studies

Senior Lecturer and Head

E. Babeiya, B.A, M.A, PhD (Dar)

Senior Lecturers

A. S. Msellemu BA, MA, Ph.D. (Moscow)
E. Babeiya, B.A, M.A, PhD (Dar)

Lecturers

B. Meli, B.A, M.A., PhD (Dar)
V. Makulilo, B.A, M.A. (Dar), PhD (Bayreuth)
A. Mazigo, B.A, M.A. (Dar), PhD (Stellenbosch)

F. Mateng'e, B.A, M.A, (Dar)
J. S. Kihamba, B.A, M.A, (Dar)
C. Masawe, BA, MA (Dar), PhD (London)
S. Mhajida, B.A. (Ed.), M.A. (Dar)
M. Mwaihuti, B.A, M.A. (DS), PhD (Dar)

Assistant Lecturers

E. Kihongo, B.A (Ed.), MA (Dar)
N. K. Ngullu, B. (Ed), M.A (Dar)
E. M. Kessy, B.A (Ed.), M.A (Dar)
H. M. Machangu, B.A (Ed.), M.A (Dar)
*Y. A. Vokalavene, B.A (Ed.), (Dar), M.A. (London)
D. P. Shayo, B.A. (Ed.) M.A. (Dar)
*Y. Yuli, B.A, MA (Dar)
*N. Shiyo, B.A (Dar) MA (Mzumbe)
S. Dini, B.A. (Dar)
G. Magoti, BA (Dar), MA (Mzumbe)
A. Sadick, B.A, M.A. (Dar)
S. Peter, B.A, M.A (Dar)
C. Masabo, BA (Dar), MA (Beau)
H. Mtanda, B.A. (Dar), MA (DS) (Dar)
H. Alfani, B.A. (Ed), M.A. (Dar)

Tutorial Assistants

S. Mwakalinga, B.A. (Dar)
H.A. Kapuya, B.A. (Dar)
E. Joseph, B.A. (Dar)
A. Kerindo, B.A. (Ed.) (Dar)
S. Ayo, B.A. (Ed.) (Dar)
J. Njelekela, BAEd (Dar)
M. Ntuah, BA (Dar)
H. Balalu, BAEd (Dar)
B. Misana, BA Ed (Dar)

FACULTY OF SCIENCE

Senior Lecturer and Dean

J. Mbuna, B.Sc. (Ed), M.Sc. (Dar), Ph.D. (Okayama)

Senior Lecturer and Associate Dean

D. Kacholi, B.Sc. (SUA), M.Sc. (Dar), Ph.D. (Georg-August)

Senior Lecturers

J. Mbuna, B.Sc. (Ed), M.Sc. (Dar), Ph.D. (Okayama)
D. Kacholi, B.Sc. (SUA), M.Sc. (Dar), Ph.D. (Georg-August)

Department of Biological Sciences

Lecturer and Head

N. Mogha, B.Sc. (Ed) (Dar), M.Sc. (Addis Ababa), Ph.D. (Bonn)

Senior Lecturer

D. Kacholi, B.Sc. (SUA), M.Sc. (Dar), Ph.D. (Georg-August)

Lecturers

J. Bakuza, B.Sc., M.Sc. (Dar), Ph.D. (Glasgow)
**T. Marandu, B.Sc, M.Sc.,(Dar), Ph.D. (Helmholtz)
N. Mogha, B.Sc. (Ed) (Dar), M.Sc. (Addis Ababa), Ph.D. (Bonn)
F. Mwingira, B.Sc. (Ed) ,M.Sc (Dar), PhD (Basel)
M. Mgendi, B.Sc. (Ed), M.Sc. (Dar), PhD (Dar)
S. Nkya, B.Sc., M.Sc. (Dar), PhD (MUHAS)

Assistant Lecturers

◌F. Mkonyi, B.Sc, M.Sc. (Dar)
D. Joseph, B.Sc. (Dar), M.Sc. (MUHAS)
◌*L. Mulamula, B.Sc., M.Sc (Dar)
◌R. Alex, B.Sc.,M.Sc. (Dar)
O. John, B.Sc, M.Sc. (Dar)
O. John, B.Sc., M.Sc.(Dar)
A. Halima, B.Sc., M.Sc. (Dar)
I. Makombe, B.Sc., MSc. (Dar)

Tutorial Assistants

E. Erasto, BSc (Dar)

Department of Chemistry

Lecturer and Head

J. T. Zacharia, B.Sc. (Ed), M.Sc. (Dar), Ph.D. (Kobe)

Senior Lecturers

M. Sahu, B. Sc (Chem.) (Sambalqur), M.Sc (Chem.) (Otkal), Ph.D. (Sambalqur)
J. Mbuna, B.Sc. (Ed), M.Sc. (Dar), Ph.D. (Okayama)

Lecturers

J. T. Zacharia, B.Sc. (Ed), M. Sc. (Dar) Ph.D. (Kobe)
E. Mbukwa, B.Sc. (Ed) (Dar), M.Phil. (UB), Ph.D. (Johannesburg)
D. Shilla, B.Sc. (Dar), M. Sc. (UB), Ph.D. (Ryukyus)
**F. Hamad, B.Sc. (Dar), M.Sc (Dar), Ph.D. (Gent)
S. Mlowe, B.Sc, M.Sc (Dar), PhD
J. Mgaya, B.Sc, M.Sc (Dar), PhD

Assistant Lecturers

◌A. Kitalika, B.Sc. (Ed), M.Sc (Dar)
*S. John, B.Sc, MSc (Dar)
*M. Petro, B.Sc, MSc (Dar)

Department of Physics, Mathematics and Informatics

Lecturer and Head

G. G. Mwangi, B.Sc. (Ed) (Dar), M.Sc. (South Africa), PhD (LUT)

Lecturers

G. G. Mwangi, B.Sc. (Ed) (Dar), M.Sc. (South Africa), PhD (LUT)
J. Mpele, B.Sc. (Ed) (Dar) M.Sc. (Nairobi), PhD (Nelson Mandele)
Y. Msambwa, B.Sc. (Ed), M.Sc., PhD (Dar)
Z. Mussa, B.Sc. (Ed) (Dar), M.Sc. (Dar), PhD (LUT)
T. Sagamiko, B.Sc., M.Sc., PhD (Dar)

Assistant Lecturers

F. Lolila, B. Ed (Sc). M.Sc. (Dar)
H. H. Mwanyika, B.Sc. (Ed), M.Sc. (Dar)
A. Sultan, B.Sc. (Ed), M.Sc. (Dar)
J. Chiuyo, B.Sc., M.Sc. (Dar)
*E. Yohana, B.Sc. (Dar), M.Sc. (Witwatersrand)
*E. Ngailo, B.Sc, M.Sc. (Dar)
*M. Ryoba, B.Sc., M.Sc. (Computer Science) (Dar)
F. Kapile, B.Sc., M.Sc. (Dar)
E. Maloda, B.Sc., M.Sc. (Dar)
M. Lusato, B.Sc., M.Sc. (Dar)
◌D. Mukama, B.Sc. (Ed), MSc (Dar)
F. Chuma, B.Sc., MSc (Dar)
S. Semba, B.Sc., MSc (Dar)

*Tutorial Assistant*s

*C. Charles, B.Sc. (Dar)

*S. Amos, B.Sc. (Dar)

*C. Samson, B.Sc. (SUA)

College Library

Assistant Librarian and Acting Director

F. Ernest, B.A. (Botswana), M.A. (Dar)

Assistant Librarians

F. Ernest, B.A. (Botswana), M.A. (Dar)

D. H. Danda, B.Sc (UCLAS), M.A. (Dar)

P. Kayungi B.A., M.A. (Dar)

G. Amos, B.Sc. (SUA), M.A. (Dar)

**on studies*

***On Leave of absence*

MKWAWA UNIVERSITY COLLEGE OF EDUCATION (MUCE)

INTRODUCTION

The Mkwawa University College of Education (MUCE) is located in the Southern Highlands of Tanzania in Iringa Municipal, about 3 kilometres from the main bus stand. MUCE was established as a constituent college of the University of Dar es Salaam (UDSM) on the 1st of September 2005 by upgrading the former Mkwawa High School, in response to the growing demand of teachers.

Mkwawa High School was first established as an “Ordinary” level secondary school in 1959 and was called St. George and St. Michael’s School. In 1964 it became a High School, officiated by the First President of the United Republic of Tanzania, the late Mwalimu Julius K. Nyerere. In 1977 it was converted into a teachers college offering certificate and diploma programmes in teacher education. In 1992 it was turned back to a High School until March 2005, when 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 on 22nd July 2005 on Government Notice No. 2003.

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

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

Faculty of Education (FoED)

Bachelor of Education in Arts (B.Ed. Arts)

Bachelor of Education in Science (B.Ed. Sc.)

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.)

ADMISSION REGULATIONS

1. All enquiries about admission should be addressed to:
The Admission and Examinations Office
Mkwawa University College of Education,

P. O. Box 2513,
Iringa
Tanzania
E-mail: admission@muce.ac.tz:
Tel. +255 26-2703195

Applicants with direct qualifications i.e. those who have completed Advanced level of secondary education (Form VI), will have to apply through the Central Admission System as advertised by the TCU. Equivalent applicants with diplomas in Education, NTA level 6 and non-NTA level 6 recognized by TCU will also apply through CAS. Other equivalent applicants apart from those listed above (such as post-form VI certificates, bachelor degree holders) will continue lodging their applications with the University of Dar es Salaam. Application forms for applicants with other equivalent qualifications can be obtained from the Directorate of Undergraduate Studies, Administration Block in Room 105, or they will be sent directly to the applicant upon request, but only where the applicant meets the required admission qualifications. Application forms can also be obtained from the offices of Regional Education Officers (REOs) or downloaded from the University website at www.udsm.ac.tz. The duly filled forms must reach the Director of Undergraduate Studies not later than the date indicated on the advertisement calling for applications for the particular admission season. Only applicants who meet the required minimum entry qualifications into the University should submit application forms. Forms from applicants who 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. Bona fide 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 program 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.
9. (a) Transferring from one academic program to another will be allowed only where the student has the required admission criteria for the academic program for which transfer is being sought and a vacancy exists in that program.
(b) 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 to be re-admitted to 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: (a) Sickness; and (b) Serious social problems (each case to be considered on its own merit); and c) Severe sponsorship problem.

MINIMUM ENTRY REQUIREMENTS FOR DIRECT AND EQUIVALENT ENTRANTS

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

(a) 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 (A.CSEE) or equivalent;

AND

(b) (i) For previous years graduates up to 2013: Two Principal Passes in appropriate subjects in the A.CSEE or equivalent with total points from three subjects not below 5 (for Arts programs) and 2 (for Science-based programs) 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 above: Two passes of at least 'D' grade in appropriate subjects in the A.CSEE or equivalent with total points from three subjects not below 5 (for Arts programs) and 2 (for Science-based programs) 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) OR

(c) 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 the UDSM Senate. For Diplomas 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.

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.

2.2 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.

2.3 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 program 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 to clear 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 who will not clear any “PEX” or “I” grade at the time of special examinations will be considered to have absconded studies.

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 in any subject or course shall be determined by the Senate, on the recommendations of the appropriate College, School or academic Institute Board.
- 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 regulation 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 programs 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 material shall be allowed into the examination room.
- 9.3 Subject to confirmation by Senate, any candidate found guilty of bringing unauthorized material 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 that is generally or specifically prohibited from being brought into the examination room, cellular or mobile phones, radios, radio cassette or other types of players, computers, soft drinks (except where water is permitted) 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;
 - (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 students and 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 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 program 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.
 - (c) 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 program. That is:
- (a) For a three-year degree program, such cumulative total minimum shall be 360 credits.
 - (b) For a four-year degree program, it shall be 480 credits and
 - (c) For a five-year degree program, 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 upon 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 date of 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.
 - (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 scheduled 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

- (a) All appeals shall be accompanied by an appeal fee charged per decision or subject as the Council may from time to time prescribe.
- (b) The appeal fee shall not be reimbursed.
- (c) 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 earmarked for archiving; (g) designate a place or room as storage area for examination answer books awaiting appeals or final disposal;
 - (f) 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.
 - (g) Witness and keep close control over final disposal of examination answer books to ensure the confidential nature of contents of answer books remain inviolate.
- 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 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 examination for Invigilators to check. Students without their ID card shall not be permitted 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.
 - (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).
 - (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 permitted 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 instructors. 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 cover page 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 smart phones, 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;
- (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 Examinations 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 hand over all the scripts to the Internal Examiners (or their deputies) that must be present in the 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 of the relevant Department.

23. General Notes and Instructions

- 23.1 Internal Examiners (or their deputies) are required to attend in the examination rooms at 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 facilities for '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 ensuring fairness by setting a test or examination which takes into account the differing capabilities of the calculators.
- 23.3 "Examinations Officer" includes the Examination Officer's deputies.

FACULTY OF EDUCATION

Introduction

The Faculty of Education is constituted of two academic units, namely, Educational Foundations and Management and Educational Psychology and Curriculum Studies. Each unit is subdivided into two sections. Educational Foundations and Managements Unit is composed of Educational Foundations and Educational Management sections whereas the Educational Psychology and Curriculum Studies Unit is composed of Educational Psychology and Curriculum Studies sections. The Faculty offers the following two 3-years undergraduate degree programmes leading to the first degrees:

Bachelor of Education in Arts

[B.Ed. (Arts)], and

Bachelor of Education in Science

[B.Ed. (Science)]

While content courses are offered in the Faculty of Science and Faculty of Humanities and Social Sciences, professional and pedagogical courses are offered within the two units and four sections of the Faculty of Education.

The B.Ed. programmes aim at producing teacher educators, trainers, counsellors and other educational managers for education system. Graduates from this programme will acquire:

1. Sufficient depth in one academic discipline, focusing on development of concepts and ideas as well as basic requirements of modern school curriculum;
2. Effective teaching ability in one academic subject in Science, Arts, or Languages, at sufficient depth to allow and to handle teaching up to advanced level secondary education;
3. Entrance ability to teach education courses (curriculum, psychology, adult education, physical education, foundations and educational management) or run in-service programs for teachers at certificate and diploma levels;
4. Management skills of schools, and education departments, classrooms, learning and teaching programs;
5. Ability to plan teaching and learning units, programs, lessons and executing the plans effectively;
6. Skills in doing sample action research in order to improve teaching and learning at the appropriate level;
7. Ability to assess effectively and provide feedback to learners; and
8. Skills for guiding and counselling learners.

General Entry Requirements

A. Certificate of Secondary Education Examination (C.S.E.E.) or Equivalent with credit passes in three approved subjects obtained prior to the sitting of the Advanced Certificate of Secondary Education Examination (A.C.S.E.E.) or equivalent;

and

B. One of the following combinations of passes in the Advanced Certificate of Secondary Education Examination (A.C.S.E.E), or equivalent:

either

B.1 Two Principal Level Passes (in approved subjects) at the same sitting with total points not below 5 based on the following grade point scale: A=5;B=4; C=3; D=2; E=1 and S=0.5.

B.2 Two Principal Level Passes (in appropriate subjects) not at the same sitting PROVIDED they are BOTH of grade C or higher;

OR

B.3 An appropriate equivalent Diploma/Certificate of not less than Second Credit Level and approved by Senate;

C. Tanzanian secondary school leavers will be considered for admission provided they hold the required qualifications and have earned positive recommendations as to suitability for a course of higher education from the head of Secondary School attended.;

D. Mature age candidates (in-service), in addition to satisfying the required entry qualifications, must possess favourable recommendations from their respective employers;

AND

E. Additional requirements for entry to a particular Faculty may be prescribed, but these will not hold in the case of any course involving more than TWO passes at Principal Level in appropriate subjects.

Course Codes

The courses offered in the Faculty bear the following codes:

- CT: Curriculum and Teaching Courses
- EF: Educational Foundations Courses
- EP: Educational Psychology Courses
- EA: Educational Planning and Administration Courses

The first to third year courses bear 100, 200 or 300 series respectively.

General Regulations

Bachelor of Education students will register for Teacher Education – Arts, or Science.

1. Admission to the B.Ed. programmes is based on minimum requirements for first degree courses set by the UDSM.
2. MUCE will also admit applicants with relevant diploma certificates approved by Senate provided they pass with a minimum of B grade. Applicants from the Institute of Adult Education in Dar es Salaam and the Agency for the Development of Educational Management (ADEM) Institute in Bagamoyo should have scored B+ average in the relevant Diploma, and 3 passes at C grade in ordinary level secondary education. All Diploma applicants should have at least two A level principal passes in subjects that can be considered ‘teaching subjects’ for the school system. In addition, applicants passing the University Mature Age Entry Examinations at relevant prescribed cut-off point shall be considered for admission, provided they have teaching subjects.
3. Applicants with a Diploma in Education obtained from Mkwawa University College of Education in 2008 and 2009, who have scored a GPA of 3.0 may be admitted into the first year of the B.A. Ed. or B.Sc. Ed. Programmes. However, applicants with a score of B+ (or a GPA of 3.5) and above in the relevant teaching subjects will be deemed to have qualified for admission into the B.Sc. (Ed.)/B.A. (Ed.) programmes and will take only two years of study instead of three.
4. All applicants seeking admission into B.Ed. programmes should have at least two principal level passes in the two teaching subjects in A.C.S.E.E; (one of which should be at C level and above).
5. In special circumstances and with approval of Senate, the MUCE may admit candidates in their programmes, who have successfully followed a MUCE administered pre-entry programme.

Faculty Examination Regulations

The following regulations shall apply to all students taking education courses in the Faculty of Education:

1. All candidates are required to take and pass examinations in all the registered courses in any particular semester.
2. 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 that of “C”. The grade for an absolute fail shall be “E”.
3. A minimum of 360 credits shall be used for the final degree standing.
4. Courses shall be weighted by multiplying the final grade of a given course by the number of its credits, and candidates’ overall performance shall be found by dividing the total number of course credits by the weighted total for all courses.
5. Coursework marks for theory courses shall be 40 percent while final examinations will be awarded 60 percent. All methods courses will be awarded 50 percent for coursework and 50 percent for final examinations.
6. 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.
7. A candidate who fails a supplementary examination, he/she shall be allowed to carry over the failed course provided he/she attains an average GPA of 2.
8. A candidate’s final standing in the B.Ed. degree will be determined by the weighted average of all first to third year course marks, including Teaching Practice grades. Except where the regulation allows, the final standing shall be computed unless all the papers and Teaching Practice have been passed.
9. The final B.Ed. degree shall be graded as first class, upper second, lower second and pass (or third class). These categories shall be awarded as follows:

First Class: An overall average in the range of 4.4 or higher

Upper Second Class: An overall average in the range of 3.5-4.3

Lower Second Class: An overall average in the range of 2.7-3.4

Pass: An overall range of between 2.0 and 2.6

In each case, the average point shall be calculated on the basis of truncating to one decimal place (e.g. 4.39 shall be taken as 4.3).

A student who is so barred will be deemed to have failed the course at E grade. Such a student will be required to carry over the course, other regulations permitting.

Table 1: Bachelor of Education in Arts B.Ed. (Arts)

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
CT 100	Introduction to Teaching	12	Core
DS 101	Development Perspectives I	8	Core
CL 106	Communication Skills	12	Core
XXX	Teaching Subjects from the Faculty of Humanities and Social Sciences	24	Core
Sub-Total Credits		68	

Semester 2

Code	Title	Credits	Status
CT 104	Classroom Interaction and Research	12	Core
EP 101	Introduction to Educational Psychology	12	Core
CT 102	Computer Literacy for Teachers	12	Core
CT 101	First Year Teaching Practice		Core
DS 102	Development Perspectives II	8	Core
XXX	Teaching Subjects from the Faculty of Humanities and Social Sciences	24	Core
Sub-Total Credits		68	
Total Credits for First Year		136	

Second Year

Semester 1

Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 209	Economics Teaching Methods	12	Core
EF 200	History of Education in East Africa	12	Core
*CT XYZ	To be chosen from Methodology course by subject specialisation	12	Core
XXX	Teaching Subjects from the Faculty of Humanities and Social Sciences	24	Core
Sub-total Credits		72	

Semester 2

Code	Title	Credits	Status
EP 301	Introduction to Educational Statistics	12	Core
CT 203	Pedagogy of Teaching Education	12	Core
**Second Year Elective Courses		12	Optional
XXX	Teaching Subjects from the Faculty of Humanities and Social Sciences	24	Core
CT 202	Second Year Teaching Practice		Core
Sub-Total Credits		60	
Total Credits for First Year		132	

Third Year

Semester 1

Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core

XXX	Teaching subject from the Faculty of Humanities and Social Sciences	36	Core
	Sub-total Credits	72	
Semester 2			
Code	Title	Credits	Status
EP 302	Research Methods in Education	12	Core
EF 300	Philosophy of Education	12	Core
XXX	Teaching subject from the Faculty of Humanities and Social Sciences	24	Core
	*** Third Year Elective Courses	24	Optional
	Sub-total Credits	72	
	Total Credits for Third Year	144	
	Total Credits in Three Years	412	
Second Year Methodology Courses by Subject Specialization (CT XYZ*)			
Code	Title	Credits	
CT 225	Teacher Education English Language Methods	12	
CT 226	Teacher Education Geography Methods	12	
CT 227	Teacher Education History Methods	12	
CT 228	Teacher Education Kiswahili Methods	12	
CT 230	Teacher Education Civics Methods	12	
CT 216	Teacher Education Literature Methods	12	
CT 240	The teacher Teaching of Human Rights	12	
CT 242	Teacher Education Commerce & Bookkeeping	12	
** Second Year List of Elective Courses			
Code	Title	Credits	
CT 240	The Teaching of Human Rights	12	
CT 241	Management of Science Laboratories	12	
EA 200	Human Resource Management and Development in Education	12	
EA 201	School Governance	12	
EP 202	Principles of Early Childhood Education		
*** Third Year List of Elective Courses			
Code	Title	Credits	
CT 300	Information Management and Technology	12	
CT 302	Contemporary Issues in Science Education	12	
CT 303	Introduction to Entrepreneurship Education and Training	12	
CT 304	Pedagogical Issues in Science and Mathematics Education	12	
EF 302	Comparative and International Education	12	
EP 307	Psychology of Exceptionalities	12	
EA 302	Organisational Behaviour	12	
EF 301	Sociology of Education	12	
EP 303	Psychology of Adolescence	12	
EP 304	Psycho Educational Intervention	12	
EP 305	Psychology of Gender	12	

Table 2: Bachelor of Education in Science [B.Ed. (Science)]

First Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction to Educational Psychology	12	Core
CT 100	Introduction to Teaching	12	Core
DS 101	Development Perspectives I	12	Core
CL 106	Communication Skills	12	Core
XXX	Teaching subjects from the Faculty of Science	24	Core

	Sub-Total Credits	68	
Semester 2			
Code	Title	Credits	Status
CT 104	Classroom Interaction and Research	12	Core
CT 102	Computer Literacy Education	12	Core
EF 100	Principles of Education	12	Core
DS 102	Development Perspectives II	8	Core
CT 101	First Year Teaching Practice	12	Core
XXX	Teaching Subjects from the Faculty of Science	24	Core
	Sub-Total Credits	68	
	Total Credits for First Year	136	
Second Year			
Semester 1			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
EF 200	History of Education in East Africa	12	Core
*CT XYZ	To be chosen from Methodology courses by subject specialization	12	Core
XXX	Teaching Subjects From the Faculty of Science	24	Core
	Sub-Total Credits	72	
Semester 2			
Code	Title	Credits	Status
CT 203	Pedagogy of Teaching Education	12	Core
EP 301	Introduction to Education Statistics	12	Core
XXX	Teaching subjects from the Faculty of Science	24	Core
	**Second Year Elective Courses	12	
CT 202	Second Year Teaching Practice		Core
	Sub-Total Credits	60	
	Total Credits for Second Year	132	
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education & School Administration	12	Core
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Education Measurement and Evaluation	12	Core
XXX	Teaching Subjects from the Faculty of Science	36	Core
	Sub-Total Credits	72	
Semester 2			
Code	Title	Credits	Status
EP 302	Research Methods in Education	12	Core
EF 300	Philosophy of Education	12	Core
XXX	Teaching Subjects from the Faculty of Science	24	Core
	***Third year Elective Courses	24	
	Sub-Total Credits	72	
	Total Credits for Third Year	144	
	Total Credits for Three Years	412	
Second Year Methodology Courses by Subject Specialization (CT XYZ*)			
Code	Title		Credits
CT 234	Teacher Education Biology Methods		12
CT 235	Teacher Education Chemistry Methods		12
CT 237	Teacher Education Physics Methods		12
CT 232	Teacher Education Computer Science Methods		12

CT 229	Teacher Education Mathematics Methods	12
CT 231	Teacher Education Science Methods	12

**** Second Year Elective Courses**

Code	Course Title	Credits
EA 200	Human Resource Management and Development in Education	12
EA 201	School Governance	12
EP 202	Principles of Early Childhood Curriculum	12
CT 241	Management of Science Laboratories	12
CT 240	The Teaching of Human Rights	12

*****Third Year Elective Courses**

Code	Course Title	Credits
CT 300	Information Management and Technology	12
CT 302	Contemporary Issues in Science and Mathematics Education	12
CT 303	Introduction to Entrepreneurship Education and Training	12
CT 304	Pedagogical Issues in Science and Mathematics Education	12
EF 302	Comparative and International Education	12
EP 307	Psychology of Exceptionalities	12
EA 302	Organization Behaviour	12
EF 301	Sociology of Education	12
EP 303	Psychology of Adolescence	12
EP 304	Psycho Educational Intervention	12
EP 305	Psychology of Gender	12

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Introduction

The Faculty of Humanities and Social Sciences (FoHSS) comprises nine academic sections. The sections are Foreign Languages and Linguistics, Literature, Kiswahili, Political Science and Public Administration, History, Economics and Commerce, Geography and Development Studies. These sections have been combined to form four units, which are:

1. Economics and Commerce
2. Geography
3. History, Political Science and Development Studies
4. Languages and Literature

In addition, the faculty has one centre namely Confucius Centre.

Bachelor of Arts (BA) with Education Programme

The Faculty offers a three-year degree programme leading to the Bachelor of Arts (BA) with Education Degree. The programme is designed to produce sufficient and quality graduate teachers to cope with the demand of Primary and Secondary Education. The programme also is designed to enable students develop competency to:

1. Teach two academic subjects in the Arts domain;
2. Provide leadership in academic disciplines at school;
3. Plan teaching and learning, execute plans and manage teaching and learning effectively;
4. Do action research to improve teaching and learning; and,
5. Assess effectively and provide feedback to learners.

General Regulations

In the first year, students are required to register for a combination of any two teaching subjects with CL 106, DS 101 and DS 102. They are required to take 36 credits from the Faculty of Education (FoE) and a minimum of 36 credits from each of their teaching subjects. In the second year they are required to take 48 credits from the FoE, 36 credits of the first teaching subject, and 48 credits of the second teaching subject. In the third year, students are required to take 48 credits from the FoE, 48 credits of the first teaching subject, and 48 credits of the second teaching subject (Table 7). The courses under each subject are specified by the relevant teaching departments.

The B.A (Ed.) students also are required to do CT 101 (Teaching Practice) and CT 202 at the end of their first year and second year respectively between July and September.

Table 4: Structure of the Bachelor of Arts (Education) Programme

Year	Number of Credits				Total
	Education Courses	Teaching Subject 1	Teaching Subject 2	University Wide Courses/options	
1	9	12	9	7	37
2	12	9	12	0	33
3	12	12	12	0	36
Total	33	33	33	7	106

Teaching subjects will be selected from the following:

1. Economics and Commerce
2. Linguistics and Foreign Languages
3. Geography
4. History
5. Kiswahili
6. Literature
7. Political Science and Public Administration

Faculty-Wide Course Requirements

In addition to the teaching subjects chosen (as presented above), students are also required to register for and pass the following courses:

1. CL 106: Communication Skills (12 Credits)

- | | | |
|------------|-----------------------------|--------------|
| 2. DS 101: | Development Perspectives I | (08 Credits) |
| 3. DS 102: | Development Perspectives II | (08 Credits) |

Students are encouraged to search for electives outside their programmes to enhance interdisciplinary and provide a broader knowledge perspective depending on the requirements of respective student's programme. Once taken, the courses are used to compute degree classification.

The B.A (Ed.) is a three year programme with two semesters. In order to graduate a student must take and pass a minimum of 412 credits. Distribution of the credits is as follows:

- | | | |
|----|--------------------------------------|-------------|
| 1. | Teaching Subjects (132 Credits each) | 264 Credits |
| 2. | Education Courses | 132 Credits |
| 3. | Development Studies | 16 Credits |
| 4. | Communication Skills | 12 Credits |

Faculty Examination Regulations

- 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.
- For the purpose of assessment, University Examinations (UEs) shall include the entire process of assessment that is, coursework assignments, tests, field work, teaching practice (TP) and final examinations.
- The regulations shall apply to all first, second, and third year B.A with Education examinations in the Faculty.
- All courses offered during a semester shall be examined at the end of that semester.
- 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
"I":	Incomplete Course Work.

- For purposes of degree computation, the grades for each course shall have value of 5, 4, 3, 2, 1 and 0 point, respectively. The pass mark in each of the course taken shall be "C". The mark for "absolute" fail shall be "E".
- Courses shall be weighed by multiplying the final grade of a given course by the number of its course credits. A student's overall performance will be computed by dividing the total course credits into the weighted total for all courses taken.
- 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. Computation of the GPA shall be based on the best 424 credits depending on the requirements of the programme taken. The final B.A (Ed) 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).

- All marks for coursework and written examination shall be adjusted before amalgamation; such adjustment will be made by the respective departments or units.
- A student shall be allowed to supplement provided the overall GPA is not less than 1.8. The coursework marks shall be added to the supplementary marks to give the student a C, D or E grade.

11. A student who fails supplementary examinations will be allowed to carry them over into the next year, provided that no student is allowed to take more than eight 12 credits courses in any one semester, including carry-overs.
12. Courses carried over must be cleared within the allowable maximum period of registration.
13. A student who fails any supplementary examination of any course that has been carried over shall be discontinued.
14. A course that has been supplemented will be awarded a maximum of grade C. This will also apply to a course that has been supplemented and carried over.
15. Special examinations given at the time of supplementary examinations will be treated as first sitting and graded as such.
16. 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 coursework, shall be awarded an "I" (Incomplete) grade.
17. 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 Faculty Board, any "I" grade not cleared at the time of the supplementary examinations will automatically become an "E" grade.
18. A student who has obtained an "E" grade due to "I" will be required to carry over the relevant courses to the following academic year where it will be treated like any other carried-over course.
19. A student who obtains less than 16 marks out of 40 in his/her coursework grade will be deemed to have failed the coursework, and will be barred from taking the examination in that course.
20. A student who is so barred will be deemed to have failed the course at E grade. Such a student will be required to carry over the course, other regulations permitting.
21. Course 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. Examination will constitute the other 60%.
22. A student will be discontinued from studies at the University if she/he fails in more than four courses at D or E grades, or if he/she attains an overall GPA of less than 1.8.
23. Students must clear all courses within 5 years. 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.

Courses Offered

The Faculty of Humanities and Social Sciences (FoHSS) offers a Bachelor of Arts with Education degree programme with the following programme structure.

B.A. (ED.) PROGRAMME STRUCTURE

Table 5: Bachelor of Art with Education

Economics and Commerce

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
EC 116	Introductory Microeconomic Analysis I	12	Core
EC 117	Introductory Macroeconomic Analysis I	12	Core

Semester 2

Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
EC 126	Introductory Microeconomic Analysis II	12	Core
EC 127	Introductory Macroeconomic Analysis II	12	Core

Second Year

Semester 1

Code	Title	Credits	Status
CT 106/107*2	Language Teaching Methods/Social Sciences Methods	12	Core
EP 101	Introduction to Educational Psychology	12	Core

EC 216	Intermediate Microeconomic Analysis I	12	Core
EC 217	Intermediate Macroeconomic Analysis I	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
EC 226	Intermediate Microeconomic Analysis II	12	Core
EC 227	Intermediate Macroeconomic Analysis II	12	Core
Optional			
EC 219	Econometrics I	12	Optional
EC 230	Development Economics II	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
EC 371	Monetary Economics I	12	Core
EC 373	International Economics I	12	Core
Semester 2			
Code	Title	Credits	Status
EP 300	Educational Measurement and Evaluation	12	Core
EF 303	Professionalism and Ethics in Education	12	Core
EC 381	Monetary Economics II	12	Core
EC 383	International Economics II	12	Core
EC 366	Economic Policy, Planning and Programming I	12	Optional
EC 229	Econometrics II	12	Optional
EC 384	Applied Econometrics	12	Optional
Political Science and Public Administration			
First Year			
Semester 1			
Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
PS 110	Introduction to Political Science I	12	Core
PS 122	Political Thought I	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
PS 111	Introduction to Political Science II	12	Core
PS 113	Government and Politics in Tanzania	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
CT 106/CT 107	Language Teaching Methods/Social Sciences Methods	12	Core
EP 101	Introduction to Educational Psychology	12	Core
PS 231	African Political Thought	12	Core

² *Students who combine language and non-language subject must take both CT 106 and CT 107. Students who take two Languages as two teaching subjects have to take CT 106 and those who decide to take two non-language subjects as teaching subjects have to take CT 107.

PS 233	Introduction to Public Policy	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
PS 225	Local Government	12	Core
PS 226	Legislature and Legislative Processes	12	Core
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
PS 334	Human Rights: Theory and Practice	12	Core
PS 337	Civil Society and the State	12	Core
PS 340	Personnel Management	12	Optional
PS 222	International Relations I	12	Optional
Semester 2			
Code	Title	Credits	Status
EP 300	Educational Measurement and Evaluation	12	Core
EF 303	Professionalism and Ethics in Education	12	Core
PS 335	Democracy and Elections	12	Core
PS 341	Public Administration in Tanzania	12	Core
Optional			
Code	Title	Credits	Status
PS 340	Personnel Management	12	Optional
PS 223	International Relations II	12	Optional
Geography			
First Year			
Semester 1			
Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
GE 140	Introduction to Physical Geography	12	Core
GE 142	Spatial Organisation	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
GE 141	Climatology	12	Core
GE 144	Surveying and Mapping Science	12	Core
Second Year			
Semester I			
Code	Title	Credits	Status
EP 101	Introduction to Educational Psychology	12	Core
CT 106/ CT 107	Language Teaching Methods/Social Sciences Methods	12	Core
GE 244	Quantitative Methods in Geography	12	Core
GE 240	Soil Resources	12	Core
Semester 2			
Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core

CT 200	Principles of Curriculum Development and Teaching	12	Core
GE 245	Remote Sensing	12	Core
GE 247	Population Studies	12	Core
GE 143	Environmental Resources and Food Security	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
GE 249	Research Methods in Geography	12	Core
GE 352	Natural Resources Management	12	Core
GE 242	Agricultural Systems and Location	12	Optional
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
GE 353	Geographical Information System	12	Core
GE 349	Contemporary Geography of Africa	12	Core
GE 343	Population and Development	12	Optional
GE 341	Agriculture and Rural Settlement Planning	12	Optional
History			
First Year			
Semester 1			
Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
HI 102	Survey of World History ca. 1500 A.D	12	Core
HI 103	Capitalism and Imperialism in World History	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
HI 104	Themes in African History	12	Core
HI 261	History of Tanzania	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction to Educational Psychology	12	Core
CT 106/CT 107	Language Teaching Methods/Social Sciences Methods	12	Core
HI 262	History of East Africa	12	Core
HI 260	Philosophies and Methodologies of History	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
HI 271	History of West Africa	12	Core
HI 362	History of South Africa	12	Core
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core

HI 360	Economic History of Tanzania	12	Core
HI 368	Oral Histories in Tanzania: Theory	12	Core
Semester 2			
Code	Title	Credits	Status
EP 300	Educational Measurement and Evaluation	12	Core
EF 303	Professionalism and Ethics in Education	12	Core
HI 364	Industrialization and the Rise of the Working Class in Britain	12	Core
AY 304	Basics in Archaeology	12	Core
Literature			
First Year			
Semester 1			
Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
LT 110	Introduction to Literary Theories	12	Core
LT 111	African Literature	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
LT 112	Introduction to Literary Devices	12	Core
LT 116	Literature and Society	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
CT 106/CT 107	Language Teaching/Methods Social Sciences Methods	12	Core
EP 101	Introduction to Educational Psychology	12	Core
LT 210	Poetry	12	Core
LT 212	Drama	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
LT 213	Modern Literary Theory	12	Core
LT 214	Development of the Novel	12	Core
Optional			
Code	Title	Credits	Status
LT 113	Tanzania Literature	12	Optional
LT 115	Children's Literature	12	Optional
Third Year			
Semester 1			
Code	Course Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
LT 310	African Women Writers	12	Core
LT 311	Theory and Practice of Publishing	12	Core
LT 215	Creative Writing	12	Optional
LT 313	Professional Communication	12	Optional
LT 326	Methodology and Practice of Oral Literature Research	12	Optional
Semester 2			

Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
LT 312	Language and Literature	12	Core
LT 315	African American Literature	12	Core
Foreign Languages and Linguistics			
First Year			
Semester 1			
Code	Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
LL 101	Introduction to Linguistic Structure	12	Core
LL 212	Introduction to English Structure and Function	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
LL 114	English Language Practice	12	Core
LL 102	Social and Biological Aspects of Language	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction to Educational Psychology	12	Core
CT 106/CT 107	Language Teaching Methods/Social Sciences Methods	12	Core
LL 215	Dialects of English	12	Core
LL 219	Introductory English Phonetics and Phonology	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
LL 202	Morphology	12	Core
LL 214	English structure	12	Core
LL 216	Registers in English	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
LL 201	Linguistic Theory	12	Core
LL 317	Introduction to English Pragmatism	12	Core
LL 305	Bantu Language Structure	12	Optional
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 306	Counselling and Special Needs Education	12	Core
LL 314	Second Language Learning	12	Core
LL 302	Sociolinguistics	12	Core
LL 318	The Study of Discourse	12	Optional
Kiswahili			
First Year			
Semester 1			

Code	Course Title	Credits	Status
EF 100	Principles of Education	12	Core
DS 101	Development Perspectives I	08	Core
CL 106	Communication Skills for Arts and Social Sciences	12	Core
KF 102	Utangulizi wa Fasihi (Simulizi na Andishi)	12	Core
KI 107	Misingi ya Isimu	12	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
DS 102	Development Perspectives II	08	Core
KF 103	Nadharia na Uhakiki wa Fasihi	12	Core
KI 108	Muundo wa Sentensi na Maana katika Kiswahili	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
CT 106/CT 107	Language Teaching Methods/Social Sciences Methods	12	Core
EP 101	Introduction to Educational Psychology	12	Core
KF 202	Fasihi Andishi	12	Core
KI 208	Fonolojia	12	Core
Semester 2			
Code	Title	Credits	Status
CT 200	Principles of Curriculum Development and Teaching	12	Core
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
KI 209	Mofolojia	12	Core
KF 204	Falsafa ya Kiafrika na Nadharia ya Fasihi	12	Core
KI 212	Tafsiri ya Kiswahili-Kiingereza	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
KF 302	Fasihi Simulizi ya Kiswahili na Kiafrika	12	Core
KI 310	Sintaksia ya Kiswahili	12	Core
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
KF 304	Fasihi Linganishi	12	Core
KI 311	Semantiki na Pragmatiki	12	Core
Development Studies			
First Year			
Semester 1			
Code	Title	Credits	Status
DS 101	Development Perspectives I	08	Core
DS 213	Planning, Public Policy and Development	08	Optional
Semester 2			
Code	Title	Credits	Status
DS 102	Development Perspectives II	08	Core
DS 211	Entrepreneurship, SMEs and Development	08	Optional
Other Optional Courses			
Semester 1			
Code	Title	Credits	Status
IS 131	Introduction to Informatics and Micro-Computer	12	Optional

FACULTY OF SCIENCE

Introduction

The Faculty of Science has five academic sections namely Chemistry, Life Sciences, Mathematics, Informatics and Physics. These sections have been merged to form four units as follows:

1. Chemistry
2. Life Sciences
3. Mathematics and Informatics
4. Physics

The Bachelor of Science with Education Programme

The Faculty will offer a three-year degree programme leading to the Bachelor of Science with Education [B.Sc. (Ed.)] degree. The programme is designed to produce sufficient and quality graduate teachers to cope with the demand of Secondary Education Development Programme (SEDP).

Objectives of the Programme

The overall objective of the programme is that over the three years, students should develop sufficient mastery of subject matter and competence in two teaching subjects as well as in pedagogy. The yearly objectives are:

- (i) By the end of the first year, the students are expected to have acquired basic skills of pedagogy and intermediate level knowledge in their respective teaching subjects to enable them participate effectively in the first Teaching Practice.
- (ii) By the end of the second year, students should have acquired sufficient classroom teaching skills and basic theories in education as well as knowledge that is more advanced and exposure in their respective teaching subjects.
- (iii) By the end of the third year, it is expected that the product will be an effective A-Level Secondary School science/mathematics teacher who can teach with confidence.

Students in this programme will take a combination of any two teaching subjects in addition to education courses. They will select the courses from the following sections:

1. Chemistry
2. Geography
3. Informatics (Computer Science)
4. Life Sciences (Biology)
5. Mathematics
6. Physics

Course Codes

MT	Mathematics
IS	Informatic Science
GE	Geography
BL/BT/ZL/WS/MC	Life Sciences (Biology)
CH	Chemistry
PH	Physics

First, second and third year degree courses will generally bear 100, 200 and 300 series respectively (although not always).

Common Courses

In addition to subject choices prescribed under each programme, students will also take and pass the following courses:

DS 101:	Development Perspectives I	(08 Credits) (Core)
DS 102:	Development Perspectives II	(08 Credits) (Core)
CL 107:	Communication Skills for Science	(12 Credits) (Optional)
IS 131	Introduction to Informatics and Micro-Computer	(12 Credits) (Optional)

General Regulations

1. A minimum of 388 credits must be passed for the B.Sc. (Ed.) degree programme. Passing a course shall mean scoring a C grade or higher.
2. All students admitted to the Faculty of Science shall major in two science subjects starting from their first year of study.
3. 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.
4. Science students must take and pass the recommended core courses in Development Studies (100 series).
5. In addition to their Science course load, B.Sc. (Ed.) students shall take a minimum of 120 credits of Education, including all prescribed core courses.
6. B.Sc. (Ed.) students must also take all prescribed Teaching Practice courses offered by the Faculty of Education.
7. First year students who are pursuing B.Sc. (Ed.) programme should select their two major science subjects from either of the following combinations:
Biology and Chemistry; Biology and Geography; Computer Science and Physics; Computer Science and Mathematics; Mathematics and Chemistry; Physics and Biology; Physics and Chemistry; Physics and Geography; Physics and Mathematics; Chemistry and Geography; Mathematics and Geography.

Faculty Examination Regulations

1. 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 course work assessment. The course work assessment shall normally constitute 40% of the total course assessment. Course work assessment, may however, with the approval of Senate, constitute up to 100% of the total course assessment provided that where it exceeds 40% the assignment on which it is based shall be available for scrutiny by the External Examiner.

2. Monitoring of the student's progress in each course will be based on the following:

- 2.1 Grade to marks (%) correspondence:

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

- 2.2 Grade to points correspondence:

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

- 2.3 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.

3. An average grade for each major subject shall be worked out by adding together, by means of weighted points, all the grade of the core course in that subject. The following points to grade correspondence shall apply in monitoring the students' 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

4. A student, who has passed courses totalling more than 388 credits in the Bachelor of Science with Education programme, shall have one or more elective courses excluded from the assessment in the degree classification.

5. 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 388 credits provided the above regulations 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

6. To be allowed to continue with any degree programme in the Faculty of Science, 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.

- 6.1 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 at 1.5 or above in the minimum required courses of the second major Science subject, and having an overall GPA of 2.0 or above, shall be allowed to sit for supplementary examinations. ***For students taking B.Sc. (Ed.) the two major subjects will be Science and Education, i.e., the Science major subject will comprise prescribed courses from the two teaching disciplines/subjects.*** A student taking a Science subject as a double major must score an overall GPA of at least 1.8 in all core courses in that subject to qualify for supplementary examinations.
 - 6.2 Any student who has failed a core course and does not qualify for a supplementary examination shall be discontinued.
 - 6.3 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 subjects shall be discontinued.
 7. 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. 6.1, 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).
 8. With the approval of the Faculty Board and Senate, certain courses may be designated as courses where supplementing course work will not be permitted. When the course work assessment in such a course is failed, the entire course must be carried over.
 9. 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.
 10. A grade scored in the supplementary examination shall constitute the final grade in that course regardless of the score in the original examination.
 11. A student who has qualified to continue with his/her studies (under Regulations 6 and 7 above) must repeat any core course in which he/she has failed even if he/she drops the subject to which the course belongs.
 12. All carry-over courses must 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 three-year programme and six years for a four-year degree programme.
 13. 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 GPA in that major subject is 1.8 or higher.
 14. 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.
 15. 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 Deputy Principal (Academic) Dean not to take the regular examination.
Normally, special examinations will be given at the time of supplementary examinations.
 - 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.
 - A student who has been awarded an "I" grade during any academic year is required to clear the grade during the time of supplementary examination for that academic year. Except with the approval of the Faculty Board, an "I" grade not cleared at the time of the supplementary examinations automatically becomes an "E" grade.
 16. 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.
 17. 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.
- The maximum time for which a student may remain registered in the Faculty 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.

Bachelor of Science with Education Credits Requirements

Candidates will be required to pass a minimum of 388 Credits.

Table 6: Structure of the B.Sc. Ed. Programme

Year	Education Courses	Teaching Subject 1	Teaching Subject 2	Common Courses and/or Options	Total
1	48*	≥28	≥28	≥28	≥132
2	36*	≥40	≥40	≥12	≥128
3	36*	≥40	≥40	≥12	≥128
Total	120	≥108	≥108	≥52	≥388

* This distribution could be altered by the Faculty of Education and Science but the total core credits shall remain 120.

Bachelor of Science with Education Course Structure

Candidates will be required to select two teaching subjects in Science, with a total of not less than 120 credits.

Table 7: Number of Core Credits for B.Sc. (Ed.) Students Taking Science and Mathematics Subjects: Biology (BL), Chemistry (CH), Physics (PH), Mathematics (MT) and Geography (GE)

YEAR	SEMESTER	MT	PH	CH	BL	IS	GE
I	I	20	20	24	20	24	24
	II	24	20	8	8/20*	12	24
II	I	24	20	20	20	12	24
	II	20	20	12	28	24	24
III	I	24	24	24	24	20	24
	II	12	24	24	16	28	24
TOTAL CREDITS		124	128	112	116/128	120	144

* Course not taken by Chemistry majors; the total number of core credits for a Chemistry/Biology student is 116.

Table 8: Semester Mapping of Courses for the B.Sc. Education Programme

Chemistry

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principal of Education	12	Core
CH 118	Basic Analytical and Physical Chemistry	12	Core

Semester 2

Code	Title	Credits	Status
CH 121	Chemistry Practicals I	08	Core
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
CH 117	Organic Chemistry I	12	Core

Second Year

Semester 1

Code	Title	Credits	Status
CH 241	Chemistry Practicals III	08	Core
EP 101	Introduction of Education Psychology	12	Core
CT 231	Teacher Education Chemistry Methods	12	Core
CH 219	Systematic Inorganic Chemistry	12	Core

Semester 2

Code	Title	Credits	Status
CH 243	Organic Chemistry II	12	core
CH 262	Analytical and Environmental Chemistry Educational Media and	12	Optional
CT 201	Technology Second Year Teaching Practice	12	Core
CT 202	Principles of Curriculum Development and	12	Core
CT 200	Teaching	12	Core
CH 244	Chemistry Practical IV	08	Optional
CH 280	Organic Structure, Reactions and Mechanisms	12	Optional
CH 201	Chemical Thermodynamics	12	Core

Third Year

Semester 1

Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
CH 290	Chemical Kinetics and Electrochemistry	12	Core
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
CH 248	Instrumental Methods in Analytical Chemistry	08	Core
CH 341	Chemistry Practicals VI	08	Core
CH 364	Coordination Chemistry	08	Core
CH 377	Industrial Chemistry	12	Optional
CH 323	Organic Spectroscopy	08	Optional
Total credits of Core Chemistry courses for B.Sc. (Ed.) programme		112	
Geography			
First Year			
Semester 1			
Code	Title	Credits	Status
GE 140	Introduction to Physical Geography	12	Core
EF 100	Principal of Education	12	Core
GE 142	Spatial Organisation	12	Core
Semester 2			
Code	Title	Credits	Status
GE 141	Climatology	12	Core
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
GE 144	Surveying and Mapping Science	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
GE 244	Survey and Mapping Science	12	Core
EP 101	Introduction of Education Psychology	12	Core
CT 107	Social Sciences Methods	12	Core
GE 240	Soil Science	12	Core
Semester 2			
Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
CT 200	Principles of Curriculum Development and Teaching	12	Core
GE 245	Remote Sensing	12	Core
GE 249	Population	12	Core
GE 143	Environmental Resources and Food Security	12	Optional
GE 242	Agricultural Systems and Location	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
GE 249	Research Methods in Geography	12	Core
GE 352	Natural Resources Management	12	Core
GE 341	Agricultural and Rural Settlement Planning	12	Optional
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core

EP 300	Educational Measurement and Evaluation	12	Core
GE 353	Geographical Information System	12	Core
GE 343	Population and Development	12	Core
GE 341	Agricultural and Rural Settlement Planning	12	Optional
Total Core Geography Courses for B.Sc. (Ed) Programme		144	

Computer Science

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principal of Education	12	Core
IS 142	Introduction to High Level Programming	12	Core
IS 161	Basic Computer Applications	12	Core

Semester 2

Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
IS 137	Data Structure and Algorithms	12	Core
IS 136	Programming in C	12	Optional
IS 151	Digital Circuitry	12	Optional

Second Year

Semester 1

Code	Title	Credits	Status
EP 101	Introduction of Education Psychology	12	Core
CT 232	Teacher Education Computer Science Methods	12	Core
IS 272	Software Development I	12	Core

Semester 2

Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
CT 200	Principles of Curriculum Development and Teaching	12	Core
IS 292	Object Oriented Programming	12	Core
IS 263	Database Concepts	12	Core

Third Year

Semester 1

Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
IS 245	Operating Systems	12	Core
IS 335	Final Year Project I	08	Core

Semester 2

Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
IS 281	Network Design and Administration I*	12	Core
IS 383	Internet Applications and Programming	08	Core
IS 335	Final Year Project II	12	Core
IS 333	System Analysis and Design	12	Optional
IS 353	Implementation of Database	12	Optional
Total credits of Core Computer Sciences for B . S c . (Ed.) Programme		120	

Mathematics

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principal of Education	12	Core

MT 100	Foundations of Analysis	12	Core
MT 136	Ordinary Differential Equations I	08	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
MT 127	Linear Algebra I	12	Core
MT 120	Analysis 1: Functions of a Single Variable	12	Core
MT 147	Discrete Mathematics	12	Optional
Second Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction to Education Psychology	12	Core
CT 229	Teacher Education Mathematics Methods	12	Core
MT 200	Analysis 2: Functions of Several Variables	12	Core
MT 233	Mathematical Statistics	12	Core
Semester 2			
Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
CT 200	Principles of Curriculum Development and Teaching	12	Core
MT 266	Rigid Body Mechanics	08	Core
MT 278	Linear Programming	12	Core
MT 227	Linear Algebra II	08	Optional
MT 114	Computer Programming**	12	Optional
MT 274	Numerical Analysis I	12	Optional
MT 226	Partial Differential Equations	12	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
MT 357	Abstract Algebra	12	Core
MT 310	Analysis 3: Complex Analysis I	12	Core
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
MT 360	Functional Analysis	12	Core
MT 378	Queuing Theory and Inventory Models	12	Optional
MT 389	Mathematics Project	08	Optional
MT 348	Integer and Non-Linear Programming	12	Optional
MT 358	Graphs and Network Optimization	12	Optional
MT 374	Numerical Analysis II	08	Optional
Total credits of core Mathematics courses for B.Sc. (Ed)programme		124	
Biology			
First Year			
Semester 1			
Code	Title	Credits	Status

EF 100	Principal of Education	12	Core
BL 111	Introductory Cell Biology and Genetics	12	Core
ZL 121	Invertebrate Zoology	08	Core
Semester 2			
Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core
CH 113	Chemistry for Life Sciences Students***	12	Core
BT 130	Evolutionary Botany	12	Core
ZL 122	Chordate Zoology	08	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction of Education Psychology	12	Core
CT 234	Teacher Education Biology Methods	12	Core
ZL 210	Vertebrate Anatomy and Physiology I	08	Core
BL 113	Ecology I	08	Core
Semester 2			
Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
CT 200	Principles of Curriculum Development and Teaching	12	Core
BT 113	Introduction to Plant Physiology	08	Core
ZL 220	Vertebrate Anatomy and Physiology II	08	Core
ZL 124	Developmental Biology	08	Optional
BT 218	Plant Physiology and Growth	08	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
BT 225	Taxonomy of Higher Plants	12	Core
ZL 236	Introductory Entomology and Parasitology	12	Core
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
BT 327	Anatomy of Angiosperms	08	Core
ZL 302	Evolution	08	Core
BT 211	Fundamentals of Soil Science	08	Optional
BL 331	Cell Biology and Molecular Genetics	12	Optional
BL 215	Ecology II	08	Optional
Total Credits of Core Chemistry Courses for B.Sc. (Ed.) Programme		128 (116***)	

Physics

First Year

Semester 1

Code	Title	Credits	Status
EF 100	Principal of Education	12	Core
PH 127	Vibrations, Waves and Optics	12	Core
PH 122	Classical Mechanics	08	Core

Semester 2

Code	Title	Credits	Status
CT 100	Introduction to Teaching	12	Core
CT 101	First Year Teaching Practice	12	Core

PH 116	Experimental Methods of Physics I	08	Core
PH 128	Electromagnetism	12	Core
Second Year			
Semester 1			
Code	Title	Credits	Status
EP 101	Introduction to Education Psychology	12	Core
CT 237	Teacher Education Physics Methods	12	Core
PH 202	Mathematical Methods of Physics	12	Core
PH 247	Experimental Methods of Physics II	8	Core
Semester 2			
Code	Title	Credits	Status
CT 201	Educational Media and Technology	12	Core
CT 202	Second Year Teaching Practice	12	Core
CT 200	Principles of Curriculum Development and Teaching	12	Core
PH 220	Statistical Thermodynamics	08	Core
PH 217	Quantum Physics	12	Core
PH 222	Advanced Mechanics	08	Optional
PH 249	Fundamentals of Materials Science	08	Optional
PH332	Solid State Physics	08	Optional
Third Year			
Semester 1			
Code	Title	Credits	Status
EA 300	Management of Education and School Administration	12	Core
EP 306	Counselling and Special Needs Education	12	Core
PH 319	Fundamentals of Atmospheric Physics	08	Core
PH 346	Physics Project****	12	Core
PH 339	Electronics	12	Core
Semester 2			
Code	Title	Credits	Status
EF 303	Professionalism and Ethics in Education	12	Core
EP 300	Educational Measurement and Evaluation	12	Core
PH 351	Physics of the atom	12	Core
PH 346	Physics Project****	8(4)	Core
PH 364	Earth - Atmosphere System	08	Core
PH 334	Energy in the Environment	08	Optional
PH 312	Elementary Particles	08	Optional
PH 317	Fundamentals of Electrodynamics	08	Optional
PH 359	Astrophysics	08	Optional
PH 373	The Basics of NMR Spectroscopy	08	Optional
Total Core Credits Physics Courses for B.Sc. (Ed) Programme		128	

Notes:

*Course is also offered in the IS Double Major Programmes

** A Course **NOT** for Computer Science students

*** Course not taken by chemistry majors; the total number of core credits for students taking Biology and Chemistry is 116.

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 Loan Board are expected to pay their portion of the fees not covered by the Loan Board (based on mean test grade) at the beginning of the semester before they can be permitted to use the University facilities. Payment should be made through **MUCE CRDB Bank** Account Number **01J1071134815** (Mkwawa Branch). This account is for tuition fees and direct university costs only. Students are required to keep their **original pay-in slips** for submission to the Bursar to be issued MUCE receipt.

Table 9: Fees Structure for Undergraduate Students for the 2015/2016 Academic Year

Faculty	Tuition Fees for Tanzanians (Tshs.)	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
	1,300,000.00	2,700	Bachelor of Science with Education

In addition to the tuition fee, 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

Table 10: Direct Student Costs per Year (Payable Directly to Students)

Cost Item	Cost (Tshs.)
Books & 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, track suits, gloves, Lab Coats, Gloves, Dissecting kit, Protective Eye glasses, Mouth masks etc or as a fund for teaching practice depending on the programmes. Students also need to have separate funds to cater for stationery, books, meals and accommodation.

STUDENTS' GENERAL INFORMATION

Administration

MUCE Students' Administration is headed by the Office of the Dean of Students which deals primarily with personal and social welfare aspects of students' life. The following facilities are provided by the office of the Dean of Students: accommodation, games and sports, spiritual and student counselling in various problems, and career guidance and counselling. The Office of the Dean of Students also assists the Deputy Principal - (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. Accommodation in the Halls is therefore not guaranteed for every student. Students are urged to find their own accommodation outside the campus. At present there are six Halls of Residence with total capacity of accommodating 1,122 students.

Payment for accommodation is made through MUCE **CRDB Account Number 01J1071134815** (Mkwawa Branch). No student will be given a room in the Halls of Residence until s/he has paid the prescribed rent. Priority for on – campus accommodation will be given to students with disabilities, foreign students and female first year students. Students are required to keep their **original Pay-in Slips** for submission to the Bursar to be issued MUCE receipt. Currently the price per student per day is Tshs. 800.00 x 120 days per each semester. In addition, students are required to pay accommodation caution money of Tshs. 10,000.00 payable once during the first year.

Students' Activities

Most of the student s' 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/professional organizations. They are also encouraged to form and join social organizations that have been registered. New social and academic organizations are registered with the Office of the Dean of Students.

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 one cafeteria on the 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 medical and health care services to students, staff members, staff families and to the general public. The Health Centre is located within the College campus and operates for 24 hours. There are two ward wings, for male and female patients, with a 24 bed capacity. Students who report at the Health Centre for treatment are required to produce **NHIF** identity cards, which can also be obtained at college at a cost of Tshs. 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 mission, that is: teaching, research and consultancy. The primary role of the Library is to provide information services to support teaching, learning and research functions of the academic and research community.

Library Opening Hours

Semesters:	Monday – Saturday	08.00 am	-	06.30 pm
		07.30 pm	-	10.00 pm
	Sundays	02.30 pm	-	06.30 pm
		07.30 pm	-	10.00 pm
	Public Holidays	02.30 pm	-	10.00 pm
07.30 pm		-	10.00 pm	
Vacation:	Monday – Friday	08.00 am	-	04.00 pm
	Saturdays	08.00 am	-	03.00 pm
	Sundays & Public Holidays <i>Closed</i>			

MUCE GOVERNING BOARD MEMBERS 2015/16 – 2017/2018

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5.	Prof. William A. L. Anangisye	Principal-DUCE	Member	
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12.	Mr. Pastory Parestico	Chairperson,UDASA- MUCE	Member	
13.	Prof. Martha Qorro	UDSM	Member	
14.	Prof. D.A. Mfinanga	DeputyViceChancellor, UDSM	Member	

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(DARUSO-MUCE)

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P. Thadey, BA, MA (Dar)

*P. Pastory, B.A. (PSPA), M.A. (Dar)

*Y. Daudi, Dip. Ed. (Korogwe), B.A. (Ed.) (Dar), M.P.P. (Peking)

Tutorial Assistants

K. Kitunzi B.A. (PSPA) (Dar)

* P. Thadey, B.A. (PSPA) (Dar)

S.S. Mwalusamba B.A. (Ed.) (Dar)

Development Studies

Lecturer

C.A. Mulungu, B.A. (Ed.), M.A. (DS), PhD (Dar)

D. Manyerere, BA, MA, PhD (Dar)

*J. Poncian, B.A. (Ed) (Dar)), M.A. (Global Dev. & Africa) (Leeds)

Assistant Lecturer

*C.J. Mpambije, B.A. (Ed.), M.A. (DS) (Dar)

FACULTY OF SCIENCE

Lecturer and Dean Faculty of Science

N.D. Mganga, Dip. Ed, B.Sc. Ed, M.Sc., PhD (Dar)

Associate Dean - Academic

W.B. Washa, Dip. Ed. (DSM College), B.Sc. (Ed.) (O.U.T.), M.Sc. (O.U.T), PhD (Dar)

Secretary

E. Hongoli (Ms), Cert. Secretarial (Msimbazi), Dip. Secretarial & Office Management (K.I.U)

Office Attendant

I.M. Ngaila

S.S. Kili

Chemistry

Lecturer and Unit Coordinator

J. Mmongoyo, B.Sc. Ed., M.Sc. (Dar), PhD (MSU)

Lecturers

F. Kimbokota, B.Sc., M.Sc., PhD (Dar)

L. A. Mtashobya, Dip. Ed. (Dar), B.Ed. (Science), M.Sc. (Dar), PhD (Southampton)

J. Emmanuel B.Sc. Ed., M.Sc., PhD (Southampton)

G.N. Shao, B.Sc. Ed. (Dar), M.Sc. Eng, PhD (Kagwon National University-Korea)

J. Mmongoyo, B.Sc. Ed., M.Sc. (Dar), PhD (MSU)

Assistant Lecturers

*J. Mkungu, B.Ed. (Science), M.Sc. (Dar)

*R. Christopher, B.Sc. Ed., M.Sc. (Dar)

*E. Elimbinzi (Ms), B.Sc. Ed., M.Sc. (Dar)

*C. Fabian (Ms), B.Sc. Ed., M.Sc. (Dar)

*F. Ligate, B.Sc. Ed, M.Sc. (Dar)

S. Hanolo, B.Sc. Ed., M.Sc. (Dar)

R.P. Clement, B.Sc. Ed., M.Sc. (Dar)

Tutorial Assistants

*F. Ngalaba, BSc. Ed. (Dar)

P.J. Chengula, BSc. Ed. (Dar)
F.C. Kindole, BSc. Ed. (Dar)

Principal Laboratory Technicians II

B.M. Chaffu, FTC (DIT), Adv. Dip. Marine Eng. (D.M.I.)

Senior Laboratory Technician I

*R. Mtaki, FTC (DIT), BSc (Food Science) (SUA)

Laboratory Technician II

M. Yohana, FTC (DIT)

Life Sciences

Lecturer and Coordinator of the Unit

M.I. Olotu, B.Sc., MIEM (Dar), PhD (NWU)

Lecturers

M.I. Olotu, B.Sc., MIEM (Dar), PhD (NWU)

V.E. Tairo, B.Sc., M.Sc. (SUA), M.Sc. (Biodiversity) (Addis Ababa), PhD (Nairobi)

N.D. Matojo, Dip. Ed (Klerruu), B.Sc. (Ed.) (O.U.T.), M.Sc. PhD (Zoology) (Dar)

W.B. Washa, Dip. Ed (Dar), B.Sc. (Ed.), M.Sc. (Botany) (O.U.T.), PhD (Dar)

N.D. Mganga (Ms), Dip. Ed (DTC), B.Sc. Ed., M.Sc. (Botany). PhD (Dar)

A.B. Philbert (Ms), B.Sc., M.Sc., PhD (Applied Zoology) (Dar)

A. Msonga (Ms), B.Sc., M.Sc. (Dar), PhD (Leibniz)

Assistant Lecturers

*E. Ishengoma, B.Sc., M.Sc. (Marine Biology) (Dar)

*A. Mwambala (Ms), B.Sc. Ed., M.Sc.(Dar)

O.D. Alila, B.Sc. Ed., M.Sc. (Dar)

I. Mrema (Ms), B.Sc. Ed., M.Sc (Dar)

S. Mbepera, B.Sc. Ed., MSc. Ed. (Dar)

Tutorial Assistants

*M. Shadrack, B. Ed (Sc.) (Dar)

A. Adamu, B. Ed (Sc.) (Dar)

V.T. Msoffe, BSc. Ed. (SUA)

*H.R. Mero, BSc. Biotechnology and Lab. Sc. (SUA)

Principal Laboratory Technicians I

*F. Tukay, FTC (DIT), B.Sc. (SUA)

Laboratory Technicians I

D. Yahaya (Ms), FTC (DIT), B.Sc. (SUA)

A.I. Halid, FTC (DIT)

Mathematics and Informatics

Assistant Lecturer and Unit Coordinator

J. Mwasunda, B.Sc. Ed., M.Sc. (Dar)

Mathematics

Assistant Lecturers

*A.P. Mtunya, B.Sc. Ed., M.Sc. (Dar)

*I. Jacob, B.Ed. (Science), M.Sc. (Dar)

*G. Wingi, B.Ed. (Science) (Dar), PGD Maths (AIMS, RSA), M.Sc. (Lappeenranta)

A. Said (Ms), B.Ed. (Science) (Dar), PGD Maths (AIMS, RSA), M.Sc. (Stellenbosch)

*R. Nyakale, B.Sc. (Computer Science), M.A. (Statistics), (Dar)

*M. Aloni, B.A. (Statistics), M.A (Statistics), (Dar)

*B. G. Mng'ong'o, Dip. Ed. (Mkwawa), B.Ed. Sc., M.Sc. (Dar)

*C. Stephen, B.Ed. (Science), M.Sc. (Dar)

J. Mwasunda, B.Sc. Ed., M.Sc. (Dar)
P. Stanslaus, B.Sc. Ed. (Dar), MSc (Dar)
J. Mlyahilu, B.Ed. (Science) (Dar), M.Sc (Korea)
F. Luhanda, B.Ed. (Science) (Dar), M.Sc (Japan)

Tutorial Assistant

*M. Kisoma, BSc. Ed. (Dar)

*E.A. Kyojo, BSc. Ed. (Dar)

***On Study Leave**

Informatics

Assistant Lecturers and Head of Section

C. Magashi, B.Sc. Ed., (Dar) M.Sc. (Metropolitan)

Assistant Lecturers

C. Magashi, B.Sc. Ed., (Dar) M.Sc. (Metropolitan)

*A. Adam, B.Sc. (Computer Science), M.Sc. (Computer Science) (Dar)

Tutorial Assistants

J. K. Ndauka, B.Sc. (Computer Science) (Dar)

*W. M. Wambura, B.Sc. (Computer Science) (Dar)

*E.Z. Nsolo, B.Sc. (Computer Science) (Dar)

*M. L. Vicent, B.Sc. Ed., (Dar)

A.P. Mdee, BSc. (Telecommunication) (Dar)

I.J. Mrema, BSc. (with Computer Science) (Dar)

Physics

Assistant Lecturer and Head of Unit

E. Chanai, B.Sc. Ed. (Dar) M.Sc. (Dar)

Assistant Lecturers

E. Chanai, B.Sc. Ed. (Dar) M.Sc. (Dar)

*T. K. Enock, B.Sc. Ed., M.Sc. (Dar)

*E.R. Ollotu, Dip. Ed. (Monduli), B.Ed. (Science), M.Sc. (Dar)

*A.V.R. Ntarisa, B.Sc. Ed. (Dar), M.Sc. (Dar)

G. Mlay (Ms), B. Ed. (Science) (Dar), M.Sc. (Dar)

Tutorial Assistants

C. Lwiwa, B.Sc. Ed. (Dar)

*B.J. Mafwele, B.Sc. Ed. (Dar)

*D.J. Mahushi (Ms), B.Sc. Ed. (Dar)

G. Kapyela, B.Sc. Ed. (Dar)

J.N. Shelembi, BSc. (Electronics and Communication) (Dar)

*V. Modestus, B.Sc. Ed. (Dar)

Senior Laboratory Technicians I

C. Sostenes, FTC (DIT)

Laboratory Technicians I

S. Juma, Dip. Lab. Tech. (DIT)

College Library

Senior Library Assistant I and Head of Library

L.Y. Selle, Dip. Lib. Arch. & Doc. (SLADS), BA. Lib. & Info. (Tumaini), MA Info. (Dar)

Senior Library Assistant

L.Y. Selle, Dip. Lib. Arch. & Doc. (SLADS), BA. Lib. & Info. (Tumaini), MA Info. (Dar)

A. Chando, Cert. Gr. IIIA., Dip. Ed. (Morogoro), Dip. Lib. Arch. & Doc. (SLADS),

Library Assistants

A. R. Kawambwa, Cert., Dip. Lib. Arch. & Doc. (SLADS)
J. M. Ng'onda, Cert., Dip. Lib. Arch. & Doc. (SLADS)
P.J. Mbunda, Cert. Lib. Arch. & Doc. (SLADS)
N. Mteti, Cert. Lib. Arch. & Doc. (SLADS)
U.A. Mombokaleo, Cert. Lib. Arch. & Doc. (SLADS)
E.M. Nkanda, Cert. Lib. Arch. & Doc. (SLADS)
J.P. Telekako, Cert. Lib. Arch. & Doc. (SLADS)

Finance

Assistant Accountant II and Head Finance Unit

P.J. Kimondo, Dip. Ed. (Dar), ADA (CBE), PGDBA, (CBE)

Accountants

P.J. Kimondo, Dip. Ed. (Dar), ADA (CBE), PGDBA, (CBE)
H. Said, ADA (Mzumbe)
S. Komba, Dip. Buss Adm. (CBE)
C. Hongoli, ADA (TIA)
V. Mwanyika, ADA (TIA)
E. Mbena, ADA (TIA)
L.P. Mtavangu, ADA (TIA)
A.S. Mkamia ADA (TIA)
C.E. Francis, ADA (Mzumbe), PGDA (Arusha), CPA-NBAA
R.L. Mayapira, ADA (IAA)
S. Mrikaria, BBA (Iringa), Cert. BA (RUCO), Cert. Secretarial (VETA)

Secretary

E. Lutego (Ms), Cert. Secretarial (VETA) D. Nchemwa, Cert. Secretarial (TPSC)
M. Waziri, Dip. Records Mgt. (TPSC) (Dar)

Internal Audit Unit

O.R. Chamlima, Principal Internal Auditor, Bachelor of Accounting and Finance (MU), CPA (T), NBAA

Internal Auditor

O.R. Chamlima, Principal Internal Auditor, Bachelor of Accounting and Finance (MU), CPA (T), NBAA
V. Mwanyika, ADA (TIA)

MUCE Health Centre

Principal Medical Officer II and medical Officer in Charge

S. Lyuba, MD (MUHAS), MMED (KCMC)

Principal Medical Officer

S. Lyuba, MD (MUHAS), MMED (KCMC)
S. Likondangoma, MD & BS (Fudan), Masters in Obstetrics/ Gynaecology (MUHAS)

Clinical Officers

A. Shamady, Dip. Clinical Medicine (Mbeya Medical) I. Mbilinyi, Dip. Clinical Medicine (Sumbawanga)
E. Mahenge, Dip. Clinical Medicine (Mvumi)
K.C.M. Mackenza, Adv. Dip. Clinical Medicine (Mafinga)
E. Kabuka, Dip. Clinical Medicine (Mvumi)
S. Ally

Medical Lab. Technicians

P. Nyeho, Cert. Laboratory (Health Lab. Training Centre), Dip. in Med. Lab. Sc.
A. Mlengule, Cert. Medical Lab. (Ikonda MLSS); Dip. Lab. Technology (Muhimbili)
S. Luvunga, Adv. Dip. Med. Lab (Ikonda)
E. Ngulo, Cert. Laboratory (Medical Training Institute) F. Nyigu, Dip. Lab. Technology (Ikonda MLSS)

Pharmaceutical Technicians

C. Nyange, Dip. Pharmaceutical Sciences (Dar), B. pharm
M. Ngakola, Dip. Pharmaceutical Sciences (Dar)

Nurses

*J. Mpotora, Adv. Diploma Public Health Nursing (Nursing Training Centre)
W.G. Vahaye, Dip. Nursing (Muhimbili), PGD. Science Intensive Care (Stellenbosch, S.A)
D. Bernard, Dip. Nursing (Nkinga Tabora), BSc. Nursing
C. Lilanga, Dip. Nursing (Ndanda), BSN (St. John's University of Tanzania)
E. Kapesa, Dip. Nursing & Midwife (Muhimbili), BSc. in Nursing (SJUT)
D. Antapa, Dip. Nursing (Ndanda)
F. Nguli, Dip. Nursing (Ndanda)
E. Komba, Cert. Nursing (Peramiho), Dip. Nursing (Hubert Kairuki)
E. Kimaro, Dip. Nursing (Ilembura Nursing School)
G. Mlimakifi, Cert. Nursing and Midwifery (Peramiho Nursing School)
J. Lwila, Cert. Elementary Nursing (Iringa Government. Hospital)
O. Mwashota, Cert. in Nursing

Health Attendants

Z. Mgao, Cert. Elementary Nursing (Tosamaganga)
M. Nyiti, Cert. Nursing & Midwifery (Njombe Nursing School) B. Kikungwe, Cert. Elementary Nursing (Iringa Hosp. College)

Launderers

R. Kisapi, Cert. in Laundry Att.
E. Kifwamba, Cert. in Laundry Att.
D. Kalolo, Cert. in Laundry Att.

Secretary

N. Wadeya, Cert. Records Mgt.
R.A. Kibajiro, Dip. in Secretarial

Procurement and Management Unit

Supplies Officer and Acting Head of Unit

F. Chitanda, ADPS (TIA), CPSP (T) (PSPTB)

Supplies Officers

A. Mtema, NSC (DSA), CPSP (T), (PSPTB), PGDM (Tumaini), MSc PSCM (Mzumbe)
G. H. Mlay, NSC (DSA), P (II) (DSA)
*F. Chitanda, ADPS (TIA), CPSP (T) (PSPTB)
N. Madofe, BA PSM (MUCCOBS), CPSP (T) (PSPTB), MSc PSCM (Mzumbe)
J. Station, ADPS (TIA), CPSP (T) (PSPTB)
C. Stephen, SLADS (Bagamoyo), B.B.A-P&L (RUCU)

Registry

Higher Clerical Officer I and Head Registry

L. Sapachuma, Cert. & Dip. Records Mgt. (TPSC)

Clerical Officers

S. Koko, Cert. Computer (VETA), Dip. Records Mgt. (TPSC)
L. Sapachuma, Cert. & Dip. Records Mgt. (TPSC)
M. Hamza, Cert. records Mgt. (TPSC)
D. Matemanga, Cert. & Dip. Records Mgt. (TPSC)
N. Wadeya, Cert. Records Mgt. (TPSC)
M. Waziri, Cert. & Dip. Records Mgt. (TPSC)
D. Matemanga, Dip. Records Mgt. (TPSC)
M. Charles, Cert. records Mgt. (TPSC)

Systems Administration Unit

Senior Systems Administrator II and Head of Unit

F. Mahuwi, Dip. (Computer Science) (RMIT), B.Sc. (RMIT), M.Sc. (IT & Mgt) (Avinashillingham)

Systems Administrators

I. Mwagha, Cert. Computer Arch. & Network (India), Inter Dip. ICT (IIT), B.Sc. IT (India)
J. Buberwa, B.Sc. Eng & PGD Scientific Computing (Dar), MSc. (IT& Mgt) (Avinashillingham)
S. Majimoto, Dip. Computer Eng. (New Horizons), B.Sc. IT (Tumaini)

Computer Operators

*D. Malogo, Cert. Computer (UCC)

Estates Department

Senior Estates Officer III and Head of Department

A. Said, Dip. Ed (Monduli), BSc. Agric. Eng. (SUA)

Estate Officers

R.R. Mwaipungu, B.Sc. Highway Engineering (China), M.Sc. Highway Engineering (Dar), PhD (Durban)
P. Korosso, B.Sc. Architecture (Dar), MSc. in Facilities Mgt. (Leeds Metropolitan)
S. Mrumah, B.Sc. Land Management & Valuation (Dar)
A. Said, Dip. Ed (Monduli), BSc. Agric. Eng. (SUA)
S. Kullagwa, FTC (MIST), BSc. Tech. in Architecture (MUST)
G. Sarimbo, BSc. Architecture (Dar)
F. Ngajilo, BSc. Ed (Dar), MSc. Geog. & Env. Mgt. (Dar)
G. Ngelime, Dip. In Inter. Const. Mgt. (Bath), B.Sc. in Building Ec. (Dar)

Technicians

*B. Mohamed, FTC (DIT)
R. Nicholaus, Dip. In Water Resource Eng. (Rwegarulila)
F. Mwangabo, FTC (MIST)

Artisans

D. Kiboye, Cert. Electrical (VETA)
M. Mahemba, Cert. Carpentry & Joinery (VETA)
R. Njota, Cert. in Plumbing (VETA)
*B. Malomela, Cert. Electrical & Cert. Vocat Teaching (VETA-Dar)
C. Mwachota, Cert. Carpentry (Rwegarulila)
P. Sigimba, Grade I Test (VETA)
D. Ikandilo, Cert. in Cosmetology (VETA)

Health Officer

C. Nissilu, Cert. in Env. Health Assistant, Adv. Dip. Env. Health Sciences (Dar)

Office of the Dean of Students

Principal Warden and Dean of Students

W. Mdegela, B.D (Tumaini-Makumira), MPA (Mzumbe)

Wardens

W. Mdegela, B.D. (Tumaini-Makumira), MPA (Mzumbe)
L. Asajile, Dip. Ed (Korongwe), Dip. Acc & Mgt (Jersey), B.A. Sociology (Dar), MBA (Tumaini)
P. Stephano, Cert. Records Mgt (TPSC), B.A. Ed (Dar) A. Hussein, B.A. Ed (Dar), MPA (Mzumbe)
A. Egidius, B.A. Community Development (Tumaini)
K. Mhema, BA. Ed (Dar)

Auxiliary Police Unit

Auxiliary Police and Head, Auxiliary Police unit

G. Mkumbi, Cert. Basic Police Training (CCP- Moshi), Cert. Inspectorate (Kidatu)

Auxiliary Police

W.M. Mboje, Dip. in Comm. Dev. (Rungemba), Cert. Basic Police Training (CCP- Moshi), Sargent Course (CCP- Moshi), Staff Sergeant Course (CCP- Moshi), CID Course (Uganda Management Institute)
N. Nyimbo, Cert. Basic Militia Training (Mlalakuwa), Cert. Basic Auxiliary Police (Kidatu)
G. Mkumbi, Cert. Basic Police Training (CCP- Moshi), Cert. Inspectorate (Kidatu)

S. Ntinginya, Cert. Basic Police Training (CCP Moshi)
P. Komba, Cert, Law & Prison Officer (UDSM), Cert. Basic Prison Training & Cert. in Corporal Course (Kiwira),
R. Simon, Cert. Basic Police Training (CCP-Moshi)

Transport Unit

Drivers

S. Kayuga, GCE (Dar Tech), Adv. Driving Cert. (NIT), MV Mechanics Grade I (VETA)
S. Natupu, Driving Cert. & Adv. Driving Cert. (NIT)
C. Chogo, Driving Cert. (VETA) Adv. Driving Cert. (NIT)
D. Singo, Driving Cert (IAE), Adv. Driving Cert. (NIT)
P. Sigimba, Grade Test I (VETA)

Secretaries

R. Kalonga, Cert. Secretarial (TPSC), Dip. Business Administration (RUCO)
S. Kalokola, Cert. Secretarial, Dip. Secretarial, (TPSC) N. Mhandeni, Cert. Secretarial, Dip. Secretarial (TPSC)
M. Mshangama Cert. Secretarial (TPSC)
L. Balama, Cert. Secretarial (TPSC) S. Ngole, Cert. Secretarial, (VETA)
*A. Mgando, Cert. Secretarial (TPSC)
E. Hongoli (Ms), Cert. Secretarial (Msimbazi), Dip. Secretarial & Office Management (K.I.U)
J. Shija (Ms), Dip. Secretarial (Shukurani)
E. Lutego (Ms), Cert. Secretarial (VETA) D. Nchemwa, Cert. Secretarial (TPSC)
S. Joseph Cert. Secretarial (TPSC)
N. Kibonde, Dip. Secretarial (TPSC)
G. Msolla, Dip. Secretarial (Shukurani)
F. Rutashobya, Dip. Secretarial, Dip. Secretarial (TPSC) R.A. Kibajiro, Cert. Secretarial (TPSC)
S. Mkoroma, Secretarial Certificate, Diploma (TPSC) J. Tembekeza, Secretarial Certificate (TPSC)

***On Study Leave**

COLLEGE ACADEMIC PRIZE SPONSORS

Faculty of Humanities and Social Sciences

S/N	PRIZE	ELIGIBILITY
1.	University Prize	Best student in the Final Year degree Examinations in each Faculty
2.	Vice Chancellor's Prize	Best 1 st Year student in each Faculty
3.	Dr. E. Haulle	Overall best student in the Faculty of Humanities and Social Sciences
4.	Mr. C.J. Mpambije Prize	Overall best 1 st Year student in Development Studies
5.	Director General LAPF Prize	Overall best 1 st Year student in Linguistics
6.	Director General LAPF Prize	Overall best 2 nd Year student in Linguistics
7.	Director General LAPF Prize	Overall best 3 rd Year student in Linguistics
8.	Prof. B. Kilian Prize	Overall best final Year student in Political Science and Public Administration
9.	Mr. J. Yongo Prize	Overall best Final Year student in Economics and Commerce
10.	Ms. J. Amani Prize	Best Finalist (female) B.A Student
11.	Prof. A. Lihamba Prize	Overall Best 2 nd Year Student in Kiswahili
12.	Prof. A. Lihamba Prize	Overall Best 2 nd Year Student in Literature

Faculty of Science

S/N	PRIZE	ELIGIBILITY
1.	University Prize	Best Student in the Final Year degree Examinations from the Faculty of Science
2.	Vice Chancellor's Prize	Best 1 st Year Student from Faculty of Science
3.	Dr. S.J.M. Mdachi Prize	Best 3 rd Year Student in science subjects
4.	Dr. F. Kimbokota Prize	Overall best 3 rd Year female student Faculty of Science
5.	Mr. K. Rugeiyamu Prize	Overall Best 1 st Year Student in Mathematics
6.	Dr. N.D. Matojo Prize	Overall Best 3 rd Year Student in Biology
7.	CRDB Prize	Best Final Year Student in Mathematics
8.	Dr. S. Lyuba Prize	Overall best 1 st Year Student in Life Sciences
9.	Dr. V. Tairo Prize	Overall best 2 nd Year Student in Life Sciences

Faculty of Education

S/N	PRIZE	ELIGIBILITY
1.	University Prize	Best student in the Final year degree Examinations in each Faculty
2.	Vice Chancellor's Prize	Best 1 st Year student in each Faculty
3.	Prof. B. Kilian Prize	Overall Best 1 st Year Student in MUCE.
4.	Prof. W.A.L. Anangisye Prize	Overall best Finalist Student in Educational Foundations
5.	Prof. E. Bhalalusesa's Prize	Best female student in the Final Year degree examinations in the Faculty of Education
6.	Dr. W.L. Komba Prize	Best 3 rd Year student in Educational subjects
7.	Mr. E. Mkwawa Prize	Overall best 2 nd Year student in the Faculty of Education
8.	Dr. S. Kitta Prize	Best Final Year B.Ed. (Science)
9.	Dr. O. Kapinga Prize	Best 1 st Year student in Educational Psychology
10.	Mr. W. Mdegela Prize	Overall Best 2 nd Year student in Educational Foundations