UNIVERSITY OF DAR ES SALAAM

PROSPECTUS

Academic year 1975-76
THE ACADEMIC YEAR 1975/76

1. Freshmen's Orientation Week begins:
28th June, 1975.

2. Terms:
(a) All Faculties except Agriculture and Forestry, Medicine and Law.
   1st term: 5th July 1975 to 13th Sept. 1975
   3rd term: 3rd Jan. 1976 to 3rd April 1976
   4th term: 10th April 1976 to 2nd May 1976

b) Faculty of Agriculture and Forestry.
   1st term: 5th July 1975 to 20th Sept. 1975
   4th term: 28th Feb. 1976 to 8th May 1976

(c) Faculty of Medicine.
   1st term: 5th July 1975 to 20th Sept. 1975
   4th term: 6th March 1976 to 8th May 1976

(d) Faculty of Law.
   1st term: 5th July 1975 to 13th Sept: 1975
   3rd term: 3rd Jan. 1976 to 3rd April, 1976
UNIVERSITY OF DAR ES SALAAM

PROSPECTUS
Academic year 1975/76

P.O. Box 35091
DAR ES SALAAM
Telegrams: UNIVERSITY
Telephone 53611
SENIOR OFFICERS OF THE UNIVERSITY
CHANCELLOR

MWALIMU J.K. NYERERE
M.A. (Edin.), Hon. LLD. (Edin., Duquesne, Cairo, Nsukka and Liberia),
Dip. Ed. (E.A.)
President of the United Republic of Tanzania.

VICE CHANCELLOR

P. MSEKWA
B.A. (Hons.) (Lond.) M.A. (Dar.)

CHIEF ACADEMIC OFFICER

I.N. KIMAMBO
B.A. (Pacific Luth.),
M.A., Ph.D. (Northwestern)

CHIEF ADMINISTRATIVE OFFICER

A.M. HOKORORO
B.A. (Lond.), Dip. Ed. (E.A.), M.A. (Carleton)

DEANS OF FACULTIES

FACULTY OF AGRICULTURE AND FORESTRY:

M.L. KYOMO
B.Sc. (Agric.) (London). Associate Professor in
M.SC. (Colorado). Animal Science

FACULTY OF ARTS AND SOCIAL SCIENCES:

A.J. TEMU
M.A. (Oregon). Dip. Ed. Professor of History
(E.A.) Ph.D. (Alberta).

FACULTY OF ENGINEERING

W. KREUSER
Dipl.-Ing. (Aachen). Professor of Engineering

FACULTY OF LAW

J.L. KANYWANYI
LL.B. (E.A.), L.L.M. Associate Professor in
(Law)

FACULTY OF MEDICINE:

W.J. MAKENE
M.B. Ch.B. (E.A.). Associate Professor in
M.R.C.P. (London). Medicine

FACULTY OF SCIENCE:

M.S. NTAMILA
M.A., Ph.D. (Dublin) Professor in Chemistry
Dip. Ed. (E.A.), F.R.I.C.

DIRECTORS OF INSTITUTES

INSTITUTE OF DEVELOPMENT STUDIES:

MR. I.M. KADUMA
B.Sc. Econ. (Hons) (London),
B. Phil. (Public Finance) (York).

INSTITUTE OF KISWAHILI RESEARCH:

MR. G.A. MHINA
B.A. (Hons) (York).
Cert. E.S.L. (Leicester).
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ADMINISTRATION
POSTAL ADDRESS: P.O. BOX 35091,
DAR ES SALAAM
TELEPHONE: 53611
TELEGRAPHIC ADDRESS: "UNIVERSITY" Dar es Salaam

FACULTY OF ARTS AND SOCIAL SCIENCES
POSTAL ADDRESS: P.O. BOX 35051.
DAR ES SALAAM.
TELEPHONE: 53455

FACULTY OF AGRICULTURE AND FORESTRY
POSTAL ADDRESS: P.O. BOX 643.
MOROGORO.
TELEPHONE: Morogoro 2511 & 2236
TELEGRAPHIC ADDRESS: "UNIAGR" Morogoro

FACULTY OF ENGINEERING
POSTAL ADDRESS: P.O. BOX 35131.
DAR ES SALAAM.
TELEPHONE: 53651

FACULTY OF LAW
POSTAL ADDRESS: P.O. BOX 35093.
DAR ES SALAAM.
TELEPHONE: 53038

FACULTY OF SCIENCE
POSTAL ADDRESS: P.O. BOX 35065.
DAR ES SALAAM.
TELEPHONE: 53229

FACULTY OF MEDICINE
POSTAL ADDRESS: P.O. BOX 20693.
DAR ES SALAAM.
TELEPHONE: 27081/6

INSTITUTE OF KISWAHILI RESEARCH
POSTAL ADDRESS: P.O. BOX 35140.
DAR ES SALAAM.
TELEPHONE: 53611 -EXT. 297

INSTITUTE OF DEVELOPMENT STUDIES
POSTAL ADDRESS: P.O. BOX 35051.
DAR ES SALAAM.
TELEPHONE: 53611 Ext. 400

UNIVERSITY LIBRARY
POSTAL ADDRESS: P.O. BOX 35092.
DAR ES SALAAM.
TELEPHONE: 53162
INTRODUCTION

On July 1st, 1970, the University of Dar es Salaam was established. The establishment of this University in Tanzania was the result of a decision by the East African Authority on the 25th of March, 1970 to expand the University of East Africa into three independent Universities, serving the needs of Tanzania, Uganda and Kenya respectively. An Inter-University Committee for East Africa was set-up for the purpose of maintaining academic co-operation and continued academic communication between the University of Dar es Salaam and the Universities in Uganda and Kenya.

The University occupies a 1,625 acre site on Observation Hill about 13 Kilometres from Dar es Salaam itself.

Courses are offered within the Faculties of Arts and Social Sciences, Science, Law, Medicine, Engineering and Agriculture and Forestry. In addition, there is an Institute of Development Studies and an Institute of Kiswahili Research. The East African Community's Statistical Training Centre is also located at the University. Details of the degrees for which courses are available at the University can be found in the University Calendar which is obtainable from the Chief Academic Officer, University of Dar es Salaam, P.O. Box 35091, Dar es Salaam, TANZANIA at Shs. 40/- per copy.

The University normally admits students from the East African countries of Tanzania, Kenya and Uganda as well as a few non-East African students. Most of these students receive bursaries from their respective governments. Students from other African countries as well as from countries outside Africa, will be considered for admission either for undergraduate or postgraduate studies, subject to the availability of accommodation on the University campus.
ADMISSION REGULATIONS:

(1) All enquiries about admission should be addressed to the Chief Academic Officer, University of Dar es Salaam, P.O. Box 35091, Dar es Salaam, TANZANIA, who will then send to the prospective applicants the application forms and other information. The forms, duly filled, must reach the Chief Academic Officer, University of Dar es Salaam, P.O. Box 35091, Dar es Salaam, TANZANIA, not later than 31st December, of the year before that for which admission is sought.*

(2) New students are admitted in July of every year. For the Faculty of Law the Academic Year begins in July and ends in March of the following year; for the Faculties of Agriculture and Forestry, Engineering, Medicine, Arts and Social Sciences and Science the end of the Academic year is in May.

(3) Applications from outside East Africa can only be considered if the University receives satisfactory evidence that the candidate will be adequately financed during his or her course at the University. East African applicants who are in need of assistance to meet the University fees and expenses should apply for Government bursaries from the respective Ministries of Education of the countries to which they belong. Please note that this University is not yet able to assist any of its students financially nor is it in a position to entertain applications for financial assistance from candidates who are seeking admission to the University.

(4) All students, if accepted, are expected to conform entirely to University regulations.

(5) Except in exceptional circumstances no student will be allowed to register for any course or change subjects/courses later than on the Friday of the fourth week after the beginning of the 1st Term of session.

Note: The University of Dar es Salaam was established on the 1st July, 1970. Students who were admitted at that time entered the University under the former University of East Africa regulations.

*Application forms will be sent only to prospective candidates who have submitted in writing full details of their academic qualifications.
ENTRANCE REQUIREMENTS FOR FIRST DEGREE COURSES

1. The first degrees for which the University at present prepares students are:—

(a) **Bachelor of Arts**
    The B.A. degree and B.A. (with Education) degree of the University of Dar es Salaam.

(b) **Bachelor of Science**
    The B.Sc. degree, B.Sc. (with Education,) B.Sc. (Applied Hydrology) and B.Sc. (Geology) degrees of the University of Dar es Salaam.

(c) **Bachelor of Laws**
    The LL.B. degree of the University of Dar es Salaam.

(d) **Doctor of Medicine**
    The M.D. degree of the University of Dar es Salaam.

(e) **Bachelor of Pharmacy.**
    The B. (Pharm) degree of the University of Dar es Salaam.

(f) **Bachelor of Science (Agriculture)**
    The B.Sc. (Agriculture) degree of the University of Dar es Salaam.

(g) **Bachelor of Science (Forestry)**
    The B.Sc. (Forestry) degree of the University of Dar es Salaam.

(h) **Bachelor of Science (Engineering)**
    The B.Sc. (Engineering) degree of the University of Dar es Salaam.

2. The minimum entrance requirements into the above mentioned first degrees under direct entry qualifications are:—

(a) The Tanzanian National Form 4 Examination/The East African Certificate of Education (Ordinary Level) with passes in Five approved Subjects, obtained prior to the sitting of the Tanzanian National Form 6 Examination the East African Certificate of Education (Advanced level) or equivalent;

(b) One of the following combinations of passes in the Tanzanian National Form 6 Examination or the East
African Certificate of Education (Advanced level) or equivalent:—

(i) Two Principal Level Passes at the same sitting;

(ii) Two Principal Level Passes not at the same sitting provided they are both of grade ‘C’ or higher.

(iii) An appropriate equivalent Diploma/Certificate of not less than Second Class level and approved by Senate.

(c) Candidates who completed Form VI in 1974 will normally NOT be considered for admission into the University of Dar es Salaam in July, 1975.

Instead consideration will be given to suitably qualified mature candidates who have either A level passes or equivalent Diplomas/Certificates, appropriate for various degree course requirements, and who have had several years working experience and can in addition produce a strong recommendation by their employers and TANU branches regarding their suitability (in terms of character and general work performance and commitment) for further training at University level.

This is in accordance with the Party’s National Executive Committee resolutions regarding the restructuring of the educational system in Tanzania.

(d) Additional requirements for entry to a particular degree may be prescribed, but these will not in the case of any course involve more than two passes at Principal level.

The following Faculty Requirements are currently in force:

I. B.Sc. (Agriculture): Principal Level Passes in

   (i) Chemistry and Biology and Geography/Physics or Mathematics. OR

   (ii) Chemistry and Botany and Zoology

   Of these at least TWO must be offered at Principal level in the Tanzanian National Form 6 Examination or the East African Certificate of Education (Advanced Level) or Equivalent. OR

   (iii) Equivalent Diploma/Certificate.
II. B.Sc. (Forestry)—passes in:—

(i) Mathematics at the School Certificate Level (or its equivalent)

(ii) Chemistry and Biology or Chemistry and Botany, of these at Least TWO must be offered at Principal Level.

(iii) An equivalent Diploma from a Forestry Institution.

III. Doctor of Medicine and Bachelor of Pharmacy

(i) Advanced level Passes in Physics, Chemistry and Biology/Zoology in the Tanzanian National Form 6 Examination or the East African Certificate of Education (Advanced Level) or Equivalent.

OF these at least TWO must be offered at the Principal level in the Tanzanian National Form 6 Examination or the East African Certificate of Education (Advanced Level) or Equivalent.

A pass in Mathematics is an advantage.

(ii) An appropriate equivalent Diploma/Certificate/Degree.

IV Faculty of Engineering

(i) Principal Level Passes in Pure Mathematics, Applied Mathematics and Physics. OR

(ii) Principal Level Passes in Mathematics (Pure and Applied combined) or Mathematics (Pure) and Physics. OR

(iii) An equivalent Diploma/Certificate.

(iv) Subsidiary Pass in Chemistry in the Tanzanian National Form 6 Examination or the East African Certificate of Education (Advanced Level) or Equivalent—OR a Credit/Pass in Chemistry at the Tanzanian National Form 4 Examination or the East African Certificate of Education (‘O’ level) or Equivalent.

N.B. Requirement No. (iv) above is not necessary for those wishing to take Surveying and Photogrammetry.
V B.Sc. (Applied Hydrology) and B.Sc. (Geology)

(i) Advanced level passes in Physics, Chemistry and Mathematics.

OR

(ii) An appropriate equivalent Diploma/Certificate.

(e) It is emphasized that the requirements given above are minimum requirements and do not in any way guarantee the holder of such qualifications a place in the University.

Prospective Applicants, other than Tanzanian Pupils currently enrolled in Tanzanian Form 6 Secondary Schools, should write to the:

Chief Academic Officer,
University of Dar es Salaam,
P.O. Box 35091,
DAR ES SALAAM,
Tanzania

giving full particulars of their academic qualifications and citizenship not later than 31st December of the year before that for which admission is sought. On receipt of such information the Chief Academic Officer will send Admission Application Forms to prospective applicants.

ADMISSION OF SHORT-TERM STUDENTS TO UNDERGRADUATE DEGREE COURSES

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

2. Short-term candidates will be admitted subject to the availability of accommodation on the University Campus. Priority in admission is given to the full-time candidates registered for the University of Dar es Salaam Award.

3. Short-term students are required to register as students of the University for one full academic year as first or second year students. At the end of the academic year they will be assessed academically and a report made. The Academic Year begins in July and ends in March/May of the following year; it consists of three terms of about 10 weeks each in the case of
the Faculty of Law. The Faculties of Engineering, Medicine, Agriculture and Forestry, science and Arts and Social Sciences have a 40 week academic year.

4. Non-Tanzanian students are expected to clear all Immigration formalities in force in their countries before they depart for Tanzania.

5. The University is not at present in a position to assist the students it admits financially. Each student is responsible for securing the necessary University Dues from his government or private sources before the University can register him as a student of the University.

ADMISSION OF OCCASIONAL STUDENTS TO UNDERGRADUATE DEGREE COURSES

1. The Entrance Qualifications are the same as those for admission to undergraduate degree courses or equivalent.

2. (a) Applications must be submitted through the applicant’s University/College, to reach the Chief Academic Officer not later than 31st December of the year before that for which admission is sought.

   (b) The applicant’s University/College should, if it supports the application, send a letter of recommendation to this University.

   (c) Applications for occasional studentship in the Faculty of Medicine should reach the Chief Academic Officer 6 months before the date or month for which the applicant(s) seek(s) admission.

3. Admission is subject to availability of class-room accommodation after the Admission of full-time degree candidates and Short-term studentship applicants.

4. Admission is on Terminal basis to any year of study except the Final year. The Faculty of Law has a 31 week academic year of 3 terms and the Faculties of Engineering, Medicine, Agriculture and Forestry, Arts and Social Sciences and Science have 40 weeks of 4 terms.

5. Students residential facilities are not guaranteed.
6. Fees:  Shs. 100/- per subject per term:
   Shs. 60/- registration:
   Shs. 40/- Caution money:
   Shs. 35/- Students Union.

7. Occasional Students may sit for the University Examinations as full-time degree students, but may not be awarded Certificates of Achievement by the University.

8. Every Occasional Student, if accepted, is to conform entirely to University Regulations which are laid down for all students.

9. Admission may be sought to any year of the degree course except the final year.

10. Non-Tanzanian Students are expected to clear all Immigration formalities in force in their countries before they depart for Tanzania.

11. No University of Dar es Salaam formal application forms will be sent to any applicant before the Chief Academic Officer has received full details of the applicant's academic qualifications.

All correspondence to be addressed to:—
The Chief Academic Officer,
University of Dar es Salaam,
P.O. Box 35091, Dar es Salaam,
TANZANIA
Cables: "UNIVERSITY"
DAR ES SALAAM
Telephone: 53611

MATURE AGE ENTRY EXAMINATION SCHEME

In order to give an opportunity to exceptionally well qualified Tanzanian candidates who wish to study for a first degree of the University of Dar es Salaam and who do not possess qualifications which satisfy the University's Undergraduate General Entrance Requirements, the University of Dar es Salaam offers an alternative method of entry by the Mature Age Scheme for persons who satisfy the following conditions:—

1. Mature Age Entry Scheme: CONDITIONS:—
   A. Candidates must be 25 years of age or older, on 1st July, of the year in which admission is sought.
B. Candidates must have completed their Formal Education i.e. form IV with two ‘O’ level passes or form II plus 2 years of Institutional training or form VI, or the equivalent at least five years before 1st July of the year in which admission is sought.

C. Candidates should be able to show:—
   i. That they have attended extra-mural classes or residential courses, in which case a recommendation from the extra-mural class Tutor(s)/Resident Tutor will be necessary:

   OR

   ii. that they have attended a residential course at an Adult Education College, in which case a recommendation from the Principal of the College attended will be necessary:

   OR

   iii. that they can obtain from a person acceptable to the University a recommendation that they are qualified to profit from a University Education.

D. No candidate who has previously attended at one of the former Colleges of the University of East Africa or at this University shall be readmitted to the University under these regulations to a course for which he failed to qualify during his previous attendance, unless he produces evidence of further study satisfactory to the University.

2. Application for Admission:—
   i. Candidates who satisfy the conditions A to D of the Mature Age Entry Scheme and who wish to apply for admission to a degree course of the University should write to:—

      The Chief Academic Officer,
      (Mature Age Admission)
      The University of Dar es Salaam.
      P.O. Box 35091.
      Dar es Salaam

      giving full particulars of their date of birth, academic qualifications as per advertisement of the scheme in the papers.

   ii. When a candidate’s application is received by the University Office, formal mature age application forms will be sent to the candidate. Note that only those candidates who have
fulfilled conditions A to D will have these forms sent to them.

iii. Prospective candidates sent Formal Mature Age Application Forms should immediately return the Forms duly filled and completed to the CHIEF ACADEMIC OFFICER. The Forms must be accompanied by an application fee of SIXTY SHILLINGS (Shs. 60/­). The money is not refundable and it should be sent in the form of a CROSSED POSTAL ORDER made payable to the University of Dar es Salaam Council.

iv. In order to enable the University to acknowledge the receipt of the application promptly, every candidate is asked to give an accurate address to the Chief Academic Officer whenever a change in address occurs.

v. If, in the opinion of the University, candidates have complied successfully with conditions A to D above, they will be required to take a special Entrance Examination. The Examination will consist of papers of a general character for which specific preparation is not possible.

3. Courses of study:—
Candidates who comply with conditions A to D above may be admitted to the University of Dar es Salaam. Degree courses, for which Students entering under the mature age entry scheme would normally be eligible in this University, are:—

Bachelor of Arts; Bachelor of Science;
Bachelor of Arts (with Education);
Bachelor of Science (with Education);
Bachelor of Laws, Bachelor of Science
(Engineering), and Bachelor of Science (Agric.).

Note: Admission to the professional Faculty/Department of the University such as Medicine, Forestry, Hydrology and geology is processed by special arrangements between the Ministry concerned with the University professional Faculty/Department concerned because of the specialised entrance requirements, to ensure satisfactory completion of the course.

Note: This scheme will be advertised in the papers giving details of the scheme, examination date and closing date for receiving duly filled in application forms for each year.
HIGHER DEGREE AND RESEARCH ASSOCIATION

All enquiries on higher degrees application and Research Association should be addressed to the respective University of Dar es Salaam Faculty Deans instead of the Chief Academic Officer. Postal addresses for the various Faculty Deans are as follows:—

1. The Dean,
   Faculty of Arts & Social Sciences
   P.O. Box 35051,
   DAR ES SALAAM.

2. The Dean,
   Faculty of Agriculture and Forestry
   P.O. Box 643,
   MOROGORO.

3. The Dean,
   Faculty of Law,
   P.O. Box 35093,
   DAR ES SALAAM.

4. The Dean,
   Faculty of Medicine,
   P.O. Box 20693,
   DAR ES SALAAM.

5. The Dean,
   Faculty of Science,
   P.O. Box 35065,
   DAR ES SALAAM.

6. The Dean,
   Faculty of Engineering.
   P.O. Box 35131,
   DAR ES SALAAM.

BURSARIES AND FEES

At the beginning of the Academic Year, all students will be required to produce evidence of having been awarded a government bursary from their respective Ministries of Education (if East African) or evidence of scholarship awards; otherwise they will be expected to pay full tuition and University fees for one term. by the beginning of the term. before they can be permitted to use the University facilities.
## ESTIMATED FEES AND OTHER FINANCIAL RESPONSIBILITIES IN DEGREE COURSES IN THE UNIVERSITY OF DAR ES SALAAM FOR THE ACADEMIC YEAR 1975/76.

<table>
<thead>
<tr>
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<th>Registration</th>
<th>Examinations</th>
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**TOTAL 3** | 192,000 | 600 | 4,960 | 400 | 1,120 | 3,547 | 23,366 | 3,840 | 400 | 17,200 | 3,350 | 12,440 | 380 | 225,540 | 493,517 |

*Break down of Special Faculty Requirements:*
<table>
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<tr>
<th>(a)</th>
<th>B.A. 2nd Year students taking French</th>
<th>Sbh.</th>
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<tr>
<td>Out Fit Allowance</td>
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<th>(b)</th>
<th>B.Sc. 1st Year Botany and Zoology:</th>
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<tr>
<td>Gumboots</td>
<td>40/-</td>
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<tr>
<td>Dissecting instruments</td>
<td>60/-</td>
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<tr>
<td>White Coat</td>
<td>80/-</td>
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<td><strong>Total</strong></td>
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<th>(c)</th>
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<tr>
<td>Gumboots</td>
<td>40/-</td>
</tr>
<tr>
<td>2 Khaki Shirts</td>
<td>5/-</td>
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<tr>
<td>1 Pair of Dungarees</td>
<td>45/-</td>
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<tr>
<td>Lab Coat</td>
<td>80/-</td>
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<tr>
<td>Dissecting Instruments, razor and lens</td>
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<tr>
<td>Pullover</td>
<td>80/-</td>
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<tr>
<td>1 Pair of Rubber boots</td>
<td>40/-</td>
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<tr>
<td>2 Field Shirts</td>
<td>80/-</td>
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<tr>
<td>2 Field Trousers</td>
<td>9/-</td>
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<tr>
<td>Raincoat and umbrella</td>
<td>35/-</td>
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<tr>
<td>1 Pair of Gloves</td>
<td>20/-</td>
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<tr>
<td>Field Hat</td>
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<td>Lab Coat</td>
<td>35/-</td>
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<td>Laboratory Instruments</td>
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<td>2 Sets of working clothes</td>
<td>180/-</td>
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<tr>
<td>Slide Rule</td>
<td>240/-</td>
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<tr>
<td>1 Set of Drawing Materials</td>
<td>430/-</td>
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<tr>
<td>1 Pair of working boots</td>
<td>120/-</td>
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<tr>
<td>Drawing Board</td>
<td>240/-</td>
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<tr>
<td>Compass and Accessories</td>
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<td>Field Uniform</td>
<td>150/-</td>
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<td>Field Boots</td>
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<td>Drawing Materials</td>
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<td>Slide Rule</td>
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<td>Field Uniform</td>
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<td>Gumboots</td>
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<td>Raincoats</td>
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<td>Dissecting Instruments</td>
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<th>(j)</th>
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<td>Laboratory Coat</td>
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POST-GRADUATE FEES

1. Registration Fee for Masters’ and Doctors’ Degree .......................... 500/-
   Registration Fee for Diploma in Law ........................................... 60/-

2. Tuition Fee for full time post-graduate study
   by course work for Degree or Diploma ........................................... 6,000/- p.a.

3. Supervision Fee (for post-graduate study
   by research) .................................................................................. 500/- p.a.

4. Post-graduate course work Fee (for students
   fulfilling part of their degree requirements
   by course work):—
   Full-time ...................................................................................... 3,000/- p.a.
   Part-time ....................................................................................... 1,500/- p.a.

5. Post-graduate field or laboratory fee, where
   applicable ...................................................................................... 3,000/-

6. Residential fee for post-graduate study
   by course-work lasting one year ...................................................... 9,000/- p.a.

7. Examination Fees:—
   For Masters’ Degrees ................................................................. 400/-
   For Doctors’ Degrees ................................................................. 800/-
   For Diploma in Law ....................................................................... 200/-

8. Payment of Fees payable should be made in three months
   or adequate and acceptable arrangements made to that effect.
   Failure to pay within the specified period results in the
   withdrawal of registration.

UNIVERSITY DEGREES, DIPLOMAS AND CERTIFICATE
FOR WHICH COURSES ARE OFFERED:

1. Faculty of Agriculture and Forestry
   (a) Bachelor of Science, Agriculture degree .. B.Sc. (Agric.)
   (b) Bachelor of Science, Forestry degree .. B.Sc. (Forestry)
   (c) Master of Science, Agriculture degree .. M.Sc. (Agric.)
   (d) Master of Science, Agricultural
       Engineering degree ................................................................. M.Sc. (Agric. Eng.)
   (e) Master of Science, Agricultural
       Economics degree ................................................................. M.Sc. (Agric. Econ.)
   (f) Master of Science, Forestry degree .... M.Sc. (Forestry)
   (g) Doctor of Philosophy, Agriculture
       degree ................................................................. Ph.D
(h) Doctor of Philosophy, Forestry degree... Ph.D.
(i) Doctor of Science, Agriculture degree... D.Sc.
(j) Doctor of Science, Forestry degree... D.Sc.

2. Faculty of Arts and Social Sciences
(a) Bachelor of Arts degree............. B.A.
(b) Bachelor of Arts with Education degree... B.A. (Ed.)
(c) Bachelor of Philosophy degree...... B. Phil.
(d) Master of Arts degree ............. M.A.
(e) Doctor of Philosophy degree....... Ph.D.
(f) Doctor of Literature degree....... D. Litt.

3. Faculty of Engineering
(a) Bachelor of Science, Engineering degree B.Sc. (Eng.)
(b) Master of Science, Engineering degree M.Sc. (Eng.)
(c) Doctor of Philosophy, Engineering degree........... Ph.D.

4. Faculty of Law
(a) Certificate in Law ......................... Cert. in Law
(b) Bachelor of Laws degree .......... LL.B.
(c) Postgraduate Diploma in Law......... Dip. Law
(d) Master of Laws degree ............. LL.M.
(e) Doctor of Philosophy degree ........ Ph.D.
(f) Doctor of Laws degree.............. LL.D.

5. Faculty of Medicine
(a) Bachelor of Pharmacy degree....... B. (Pharm.)
(b) Doctor of Medicine degree (first degree) M.D.
(c) Master of Science degree .......... M.Sc.
(d) Master of Medicine degree .......... M. Med.
(e) Doctor of Philosophy degree ....... Ph.D.
(f) Doctor of Science degree ........... D.Sc.

6. Faculty of Science
(a) Bachelor of Science degree ... B.Sc.
(b) Bachelor of Science with Education degree.................. B.Sc. (Ed.)
(c) Bachelor of Science, Applied Hydrology degree ............ B.Sc. (Applied Hydrology)
(d) Bachelor of Science, Geology degree B.Sc. (Geology)
(e) Master of Science degree .......... M.Sc.
(f) Doctor of Philosophy degree ........ Ph.D.
FACILITIES FOR POST-GRADUATE STUDY

1. Faculty of Arts and Social Sciences
   The Faculty has facilities in all Departments to enable students to undertake advanced work and research under supervision for B.Phil., M.A., Ph.D. and D. Litt. Degrees of the University of Dar es Salaam.

2. Faculty of Science
   Facilities are available in the Faculty for post-graduate studies leading to the M.Sc. and Ph.D. Degrees of the University of Dar es Salaam.

3. Faculty of Law
   (a) The Higher Degrees offered by the Faculty are LL.M., Ph.D. and LL.D. of the University of Dar es Salaam. All these Higher Degrees are research degrees. Supervision will be provided for all registered candidates.

   (b) A post-graduate Diploma in Law is also offered by this Faculty.

4. Faculty of Medicine
   Higher Degrees/Diploma offered in this Faculty include: B.Sc. Honours, Specialist's Diploma, M.Sc., Ph.D. and D.Sc. of the University of Dar es Salaam.

5. Faculty of Agriculture and Forestry
   Master of Science, Agriculture (M.Sc. Agric.)
   Master of Science, Agricultural Engineering (M.Sc., Agric. Eng.).
   Master of Science, Agricultural Economics (M.Sc., Agric. Econ.)
   Master of Science, Forestry (M.Sc. For.)
   Doctor of Philosophy, Agriculture (Ph.D.)
   Doctor of Philosophy, Forestry (Ph.D.)
   Doctor of Science, Agriculture (D.Sc.)
   Doctor of Science, Forestry (D.Sc.)

6. Faculty of Engineering
   Facilities are available in the Faculty for higher degrees, M.Sc. (Eng.) or Ph.D. by research and thesis. The Individual programmes currently existing in the Faculty are mainly meant for the teaching staff of the Faculty doing their research work on part-time basis.
Regulations concerning Post-graduate Degrees can be secured from the University Calendar or on Application to the respective Deans of the Faculties.

**COURSES OFFERED FOR UNIVERSITY DEGREES, DIPLOMAS AND CERTIFICATE**

1. **FACULTY OF AGRICULTURE AND FORESTRY**
   The Faculty of Agriculture and Forestry comprises the Divisions of Agriculture and Forestry. The Division of Agriculture has the following Departments:—
   Crop Science and Production, Animal Science and Production, Agricultural Chemistry and Soil Science, Agricultural Engineering and Land Planning, and Rural Economy and Agricultural Extension.

2. **DEGREES:**
   The Faculty offers courses leading to the degrees of Bachelor of Science, Agriculture [B.Sc. (Agric.)] and Bachelor of Science, Forestry [B.Sc. (For.)]. The Courses extend over a period of not less than three academic years, each year consisting of forty weeks divided into four terms as follows:—
   1st term ....... 5th July to 20th September
   2nd term ...... 24th September to 13th December
   3rd term ....... 3rd January to 21st February
   4th term ....... 28th March to 8th May.

3. **ENTRANCE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE. AGRICULTURE, [B.Sc. (Agric.)]**
   Minimum requirements for admission are given under: “ENTRANCE REQUIREMENTS FOR FIRST DEGREE COURSES.” It should be noted that passes are required in:
   (i) Chemistry and Biology and Geography or Physics or Maths.
   **OR**
   (ii) Chemistry and Botany and Zoology.

   Of these, at least Two must be offered at the Principal level in the East African Certificate of Education (advanced Level) or Tanzanian National Form VI Examination or equivalent.

   In addition, outstanding Diplomates/holders of Certificates from Agricultural Colleges (with qualifications equivalent to those held by graduates from recognised agricultural colleges of
East Africa) will be considered for admission if they:
(a) hold a Diploma/Certificate in Agriculture, and
(b) are supported by a statement from a Principal of an
agricultural college to the effect that their performance in
the Diploma Course was excellent and that their under­
standing of basic sciences is such that they
will be able
to benefit from a Degree Course in Agriculture, and
(c) they have registered in accordance with the general regu­
lations for students of the University of Dar es Salaam.

4. REGULATIONS FOR THE DEGREE OF BACHELOR OF
SCIENCE (AGRICULTURE)

GENERAL RULES
1. There will be University examinations at the end of each
of the three academic years. Candidates are required
to pass in all the subjects of the examinations at the
end of years 1 and 2 before proceeding to the final
year of study.
2. Candidates must satisfy the examiners in both the
written and the practical parts of the examinations.
Examiners may put an oral examination to any
candidate.
3. The pass mark shall be C for all examinations, written
or practical. There shall be no compensation of
marks scored in one paper for another.
4. There shall be a Special Project in the Third Year of
study which shall have equal weight with other
examination papers.

COURSE WORK ASSESSMENT
5. Course work assessment shall be done with the
following minimum requirements:
(a) Students’ weekly reports on practical work in the
laboratory, field clinic and workshop;
(b) Tests, essays and assignments which will be
given at appropriate stages during the session.
6. The percentage allotted to course work shall be 40.
FIELD PRACTICAL TRAINING

7. The Faculty of Agriculture and Forestry attaches much importance to practical training, particularly field practical training, as an essential requirement of the Degree programmes.

8. The assessment of the field practical training shall be carried out by a special committee composed of representatives from each Department.

9. A pass is required before a student is allowed to proceed to the following year or to graduate in the case of a final year student.

SPECIAL RULES

First Year Examinations

10. A candidate failing in one or two papers shall be required to sit for supplementary examinations in the papers failed.

11. A candidate failing in more than two papers in the First Year University examination shall be discontinued, unless the Faculty Board is of the opinion that the circumstances are so exceptional that he should be permitted to repeat the year.

12. In a supplementary examination the maximum grade to be awarded will be the pass mark.

13. A student failing the first year supplementary examination shall be discontinued.

Second and Third Year Examinations

14. Examiners may require a candidate to take a supplementary examination before the beginning of the third year of study. In a supplementary examination the maximum grade to be awarded will be the pass mark. Supplementary examination assessment shall not include course work marks.

15. A candidate failing in one or two papers at the end of the second or third year may be allowed to sit for a supplementary examination at the end of the long vacation.

16. Any candidate failing in more than two papers in the University Examination may be allowed to repeat the year, subject to recommendations by the Faculty Board.
17. A candidate failing the second or third year supplementary examination may be allowed to repeat the year.

18. A candidate failing the second year or third year examination, after repeating the year shall be discontinued.

19. All candidates repeating the year shall be required to be in residence.

Course Structure

First Year:

I. DEPARTMENT OF CROP SCIENCE AND PRODUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Lect.</th>
<th>Sem.</th>
<th>Pract.</th>
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<tbody>
<tr>
<td>CS 101</td>
<td>General Botany</td>
<td>15</td>
<td>—</td>
<td>30</td>
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<tr>
<td>CS 102</td>
<td>Plant Physiology</td>
<td>15</td>
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<tr>
<td>CS 103</td>
<td>Genetics</td>
<td>20</td>
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<td>CS 104</td>
<td>Agro-Meteorology</td>
<td>10</td>
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<tr>
<td>CS 105</td>
<td>Ecology</td>
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<tr>
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<td>20</td>
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<tr>
<td>CS 107</td>
<td>Parasitology &amp; Entomology</td>
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Total: 90 69 = 159

II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

1 AS 101 Parasitology and Entomology 20 — 30

AS 102 Anatomy and Physiology 20 — 20

AS 103 Microbiology 15 — 25

Total: 55 75 = 130

III. DEPARTMENT OF CHEMISTRY AND AGRICULTURAL CHEMISTRY

AC 101 Agricultural Biochemistry 30 — 30

AC 102 Physical Chemistry 20 — 30

AC 103 Elementary Soil Science 10 — —

Total: 60 60 = 120

20
### IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING

<table>
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<th>Sem.</th>
<th>Pract.</th>
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<tbody>
<tr>
<td>AE 101</td>
<td>Introduction to Agricultural Engineering</td>
<td>6</td>
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<td>AE 102</td>
<td>Farm Workshop</td>
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### V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

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<th>Sem.</th>
<th>Pract.</th>
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<td>RE 102</td>
<td>Introduction to Price Theory</td>
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<td>RE 103</td>
<td>Agricultural Prices</td>
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<td>RE 104</td>
<td>Agricultural Development Policies</td>
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<td>RE 106</td>
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### VI. INSTITUTE OF DEVELOPMENT STUDIES

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<th>Title</th>
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<tr>
<td>DS 101</td>
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*Contact hours within the parentheses have been counted in those for the Dept. of Animal Science

### Second Year

#### I. DEPARTMENT OF CROP SCIENCE AND PRODUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Lect.</th>
<th>Sem.</th>
<th>Pract.</th>
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<tbody>
<tr>
<td>CS 201</td>
<td>Principles of Crop Production</td>
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<tr>
<td>CS 202</td>
<td>Principles of Agronomy and Crop Physiology</td>
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<td>CS 203</td>
<td>Crop pests</td>
<td>15</td>
<td>—</td>
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<td>CS 204</td>
<td>Plant Pathology I</td>
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<td>CS 205</td>
<td>Plant Breeding I</td>
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## II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

<table>
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<th>Course Code</th>
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<tr>
<td>AS 201</td>
<td>Animal Nutrition and Biochemistry</td>
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<td>AS 202</td>
<td>Animal Health and Hygiene</td>
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<tr>
<td>AS 203</td>
<td>Introduction to Animal Breeding and Production Statistics</td>
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<td>AS 204</td>
<td>Introduction to Animal Production and Management</td>
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Total: 80

## III. DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

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<td>AC 201</td>
<td>Soil Physics</td>
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<tr>
<td>AC 202</td>
<td>Soil Chemistry and Pedology</td>
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<tr>
<td>AC 203</td>
<td>Soil Biology</td>
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<tr>
<td>AC 204</td>
<td>Plant Nutrition and Soil Fertility</td>
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Total: 50

## IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING

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<td>AE 201</td>
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<td>AE 202</td>
<td>Soil Conservation and Water Management</td>
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<td>AE 203</td>
<td>Agricultural Processing and Electrical Power</td>
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<td>AE 204</td>
<td>Farm Structures 1</td>
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Total: 37

Total Hours: 120

Total Hours: 110

Total Hours: 91
V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

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<tr>
<td>RE 201 Production Economics</td>
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<td>RE 202 Marketing of Agricultural Products</td>
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<td>6</td>
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<td>RE 203 Farm Management and Farm Planning</td>
<td>32</td>
<td>18</td>
<td>12</td>
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<td>RE 204 Adaptation of Statistics to Economic Analysis</td>
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VI. INSTITUTE OF DEVELOPMENT STUDIES

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<tr>
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<tr>
<td>DS 201 Development Studies II</td>
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THIRD YEAR:

A: Common courses for all students:

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<tr>
<td>RE 301 Agricultural Extension</td>
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<td>AC 301 Human Nutrition and Food Technology</td>
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B: Option Stream:

I. DEPARTMENT OF CROP SCIENCE AND PRODUCTION

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<tr>
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<tbody>
<tr>
<td>CS 301 Horticulture</td>
<td>30</td>
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<tr>
<td>CS 302 Plantation Crops</td>
<td>30</td>
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<tr>
<td>CS 303 Applied Entomology</td>
<td>25</td>
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<td>CS 304 Plant Pathology</td>
<td>20</td>
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<td>CS 305 Weed Control</td>
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<tr>
<td>CS 306 Cytogenetics, population Genetics &amp; Quantitative Genetics</td>
<td>25</td>
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<tr>
<td>CS 307 Plant Breeding II</td>
<td>25</td>
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<td>CS 308 Annual Crops</td>
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II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

<table>
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<tbody>
<tr>
<td>AS 301</td>
<td>Laboratory Analysis of Feedstuff Metabolites and Animal Products</td>
<td>30</td>
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<tr>
<td>AS 302</td>
<td>Population Genetics and Application to Animal Breeding</td>
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<tr>
<td>AS 303</td>
<td>Livestock Management</td>
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<tr>
<td>AS 304</td>
<td>Range and Pasture Management and Utilization</td>
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<td>AS 305</td>
<td>Animal Products</td>
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<tr>
<td>AS 306</td>
<td>Experimental Designs and Interpretation of Animal Production</td>
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<td>AS 307</td>
<td>Reproduction Physiology including Artificial Insemination</td>
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<tr>
<td>AS 308</td>
<td>Physiology and Biochemistry of Lactation, Growth, and Adaptation</td>
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Total: 230

III. DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

<table>
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<tr>
<td>AC 302</td>
<td>Soil Physics</td>
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<tr>
<td>AC 303</td>
<td>Soil Chemistry</td>
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<tr>
<td>AC 304</td>
<td>Soil Biology</td>
<td>20</td>
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<tr>
<td>AC 305</td>
<td>Pedology and Soil Survey*</td>
<td>20</td>
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<tr>
<td>AC 306</td>
<td>Plant Nutrition</td>
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<tr>
<td>AC 307</td>
<td>Soil Fertility and Soil Management</td>
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<td>AC 308</td>
<td>Soil Water Management</td>
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<tr>
<td>AC 309</td>
<td>Agricultural Biochemistry</td>
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Total: 150
### IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING

<table>
<thead>
<tr>
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<th>Course Title</th>
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<td>Engineering Mathematics</td>
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<td>AE 303</td>
<td>Workshop Technology</td>
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<td>AE 304</td>
<td>Tractors and Prime Movers</td>
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<td>AE 305</td>
<td>Principles of Farm Machinery</td>
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<td>-</td>
<td>14</td>
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<td>AE 306</td>
<td>Rural Electrification</td>
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<td>AE 307</td>
<td>Agricultural Processing</td>
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<td>AE 308</td>
<td>Farm Structures II</td>
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<td>Soil and Water Conservation Engineering</td>
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<td>Principles of Farm Mechanization</td>
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Total: 237 Lecture, 142 Seminars = 379

*Also includes 3 weeks of field practicals*

### V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

<table>
<thead>
<tr>
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<td>RF 303</td>
<td>Political Economy</td>
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<td>Labour Economics</td>
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<td>Resource Economics</td>
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<td>Rural Sociology</td>
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<td>Applied Statistics and Economic Analysis</td>
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Total: 213 Lecture, 72 Seminars, 30 Practicals = 315
# EXAMINATION SCHEME

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<th>Course Examined</th>
<th>Written</th>
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## I. DEPARTMENT OF CROP SCIENCE AND PRODUCTION

<table>
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<td>CS 101 General Botany</td>
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<td>CS 102 Plant Physiology</td>
<td>3hrs</td>
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<td></td>
<td>CS 103 Genetics</td>
<td>3hrs</td>
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<td>Agricultural Biology</td>
<td>CS 104 Agrometeorology</td>
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<td>CS 108/AS 103 Microbiology</td>
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<td>Biometry</td>
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## II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

<table>
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<th>Subject</th>
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<td>Animal Production 1</td>
<td>AS 101/CS 107 Entomology and Parasitology</td>
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<td>AS 102 Anatomy &amp; Physiology</td>
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## III. DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

<table>
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<th>Course</th>
<th>Written</th>
<th>Practical</th>
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<tbody>
<tr>
<td>Agricultural Chemistry</td>
<td>AC 101 Agric. Biochemistry</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>AC 102 Physical Chemistry</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

## IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Written</th>
<th>Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agric. Engineering 1.</td>
<td>AE 101 Introduction to Agric. Engineering</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>AE 102 Farm Workshop</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>AE 103 Farm Power</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>AE 104 Farm Machinery</td>
<td>3 hrs</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

Rural Economy I
- RE 101 Introduction to Elements of economics
- RE 102 Introduction to Price Theory
- RE 103 Agricultural Prices
- RE 104 Agricultural Development Policies
- RE 105 Introduction to Rural Sociology

3 hrs —

VI. INSTITUTE OF DEVELOPMENT STUDIES

Development Studies I
- DS 101 Development Studies

3 hrs —

SECOND YEAR

I. DEPARTMENT OF CROP SCIENCE AND PRODUCTION

Crop Production I
- CS 201 Principles of Crop Production
- CS 203 Crop Pests
- CS 204 Plant Pathology

3 hrs 3 hrs

Crop Production II
- CS 202 Crop Physiology
- CS 205 Plant Breeding I
- CS 206 Pasture Agronomy

3 hrs —

II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

Animal Production II
- AS 201 Animal Nutrition and Biochemistry
- AS 202 Animal Health and Hygiene

3 hrs —

Animal Production III
- AS 203 Introduction to Animal Breeding and Production
- AS 204 Introduction to Anim. Prod. & Management

3 hrs —
III. DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

Soil Science I
AC 103 Elementary Soil Science
AC 201 Soil Physics
AC 202 Soil Chemistry
AC 203 Soil Biology
AC 204 Plant Nutrition & Soil Fertility.

IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING

Agric. Engineering II
AE 201 Surveying
AE 202 Soil Conservation and Water Management
AE 203 Agric. Processing and Electrical Power
AE 204 Farm Structures I

V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

Rural Economy II
RE 201 Production Economics
RE 203 Farm Management & Farm Planning

Rural Economy III
RE 202 Marketing of Agric. Products
RE 204 Adaptation of Statistics to Economic Analysis

VI. INSTITUTE OF DEVELOPMENT STUDIES

Development Studies II
DS 201 Development Studies 3 hrs —

THIRD YEAR
Common Exams. for all Options
Subject Paper Course Examined Written Practical
Agricultural Extension RE 301 Agricultural Extension 3 hrs —
Human Nutrition & Food Technology AC 301 Human Nutrition & Food Technology 3 hrs —
Optional Streams

DEPARTMENT OF CROP SCIENCE AND PRODUCTION

Crop Production III
CS 301 Horticulture
CS 302 Plantation Crops 3 hrs

Crop Production IV
CS 308 Annual Crops 3 hrs

Crop Production V
CS 306 Cytogenetics, Population Genetics and Quantitative Genetics 3 hrs 3 hrs
CS 307 Plant Breeding II

Crop Production VI
CS 303 Applied Entomology 3 hrs 3 hrs
CS 304 Plant Pathology
CS 305 Weeds and Weed control

Crop Production VII
CS 300 Special Project Discretion of Department.

II. DEPARTMENT OF ANIMAL SCIENCE AND PRODUCTION

Animal Production IV
AS 301 Laboratory Analysis of Feedstuff Metabolites and Animal Products 3 hrs 6 hrs
AS 305 Animal Products

Animal Production V
AS 303 Livestock Management
AS 304 Range and Pasture Management and Utilization 3 hrs 6 hrs

Animal Production VI
AS 302 Population Genetics and Application to Animal Breeding 3 hrs
AS 306 Experimental Design and Interpretation of Animal Production Research
Animal Production VII
AS 307 Reproduction Physiology including Artificial Insemination
AS 308 Physiology and biochemistry of Lactation, Growth and Adaptation

Animal Production VIII
AS 300 Special Project

III. DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

Soil Science II
AC 302 Soil Physics
AC 303 Soil Chemistry

Soil Science III
AC 304 Soil Biology
AC 305 Pedology & Soil Survey

Subject Paper Courses Examined Written Practical
Soil Science IV
AC 306 Plant Nutrition
AC 309 Agric. Biochemistry

Soil Science V
AC 307 Soil Fertility & Soil Management
AC 308 Soil Water Management

Soil Science VI
AC 300 Special Project

IV. DEPARTMENT OF AGRICULTURAL ENGINEERING AND LAND PLANNING
Agric. Engineering III
AE 301 Engineering Mathematics
AE 302 Engineering Drawing
AE 303 Workshop Technology
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE 304</td>
<td>Tractors and Prime Movers</td>
<td>3 hrs</td>
</tr>
<tr>
<td>AE 305</td>
<td>Principles of Farm Machinery</td>
<td>6 hrs</td>
</tr>
<tr>
<td>AE 309</td>
<td>Soil and Water Conservation Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>AE 310</td>
<td>Principles of Farm Mechanization</td>
<td>6 hrs</td>
</tr>
<tr>
<td>AE 306</td>
<td>Rural Electrification</td>
<td>3 hrs</td>
</tr>
<tr>
<td>AE 307</td>
<td>Agricultural Processing</td>
<td>—</td>
</tr>
<tr>
<td>AE 308</td>
<td>Farm Structures II</td>
<td>—</td>
</tr>
<tr>
<td>AE 300</td>
<td>Special Project</td>
<td>Discretion of Department</td>
</tr>
</tbody>
</table>

V. DEPARTMENT OF RURAL ECONOMY AND AGRICULTURAL EXTENSION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE 308</td>
<td>Applied Statistics and Economic Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RE 303</td>
<td>Political Economy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RE 307</td>
<td>Rural Sociology</td>
<td>—</td>
</tr>
<tr>
<td>RE 304</td>
<td>Economic Planning &amp; Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RE 302</td>
<td>Project Appraisal &amp; Evaluation</td>
<td>—</td>
</tr>
<tr>
<td>RE 309</td>
<td>Farm Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RE 305</td>
<td>Labour Economics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RE 306</td>
<td>Natural Resources Economics</td>
<td>—</td>
</tr>
<tr>
<td>RE 300</td>
<td>Special Project</td>
<td>Discretion of Department</td>
</tr>
</tbody>
</table>

31
ENTRANCE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE (FORESTRY), B.Sc. (For.)

Minimum requirements for admission are given under: "ENTRANCE REQUIREMENTS FOR FIRST DEGREE COURSES." It should be noted that passes are required in:

(i) Mathematics at the School Certificate Level (or its equivalent), and

(ii) Chemistry and Biology or Chemistry and Botany, of these at least TWO must be offered at Principal Level, and the other, if not offered at Principal level, must be offered at Subsidiary level. Outstanding Diplomates/holders of Certificates of Forestry Colleges or Forestry Training Institutes (with qualifications equivalent to those held by graduates from recognized forestry Colleges or training Institutes of East Africa or equivalent intermediate level of technical training) will be considered for admission if they:

(a) have a pass (preferably with credit or better in Mathematics and in one Science subject or Geography at School Certificate level (or its equivalent),

(b) hold a Diploma in Forestry

(c) are supported in their application by a statement from the Principal of the Forestry Training Institute or College to the effect that their performance in the Diploma/Certificate Course was exceptionally good and that their understanding of basic sciences is such that they will be able to benefit from a degree course in Forestry.

(d) have registered in accordance with the general regulations for students of the University of Dar-es Salaam.

NOTE: Students from countries with an educational system different from that of East Africa will be considered for admission if their qualifications, according to an overall evaluation of their educational background, are approximately equivalent to those indicated in point (i) or (ii) above.
REGULATIONS FOR THE DEGREE OF
BACHELOR OF SCIENCE (FORESTRY)

General Rules
1. There will be University examinations at the end of each of
the three academic years. Candidates are required to pass
in all the subjects of the examinations at the end of years 1 and
2 before proceeding to the final year of study.
2. Candidates must satisfy the examiners in both the written
and the practical parts of the examinations. Examiners may
put an oral examination to any candidate.
3. The pass mark shall be C for all examinations, written or
practical. There shall be no compensation of marks scored
in a paper for another.
4. There shall be a Special Project in the Third year of study
which shall have equal weight with other examination papers.

Course Work Assessment
5. Course work assessment shall be done with the following
minimum requirements:
   (a) Students weekly reports on practical work in the labora­
   tory, field, clinic and workshop;
   (b) Tests, essays and assignments which will be given at
   appropriate stages during the session.
6. The percentage allotted to course work shall be 40.

Field Practical Training
7. The Faculty of Agriculture and Forestry attaches much
importance to practical training, particularly field practical
training, as an essential requirement of the degree programmes.
8. The assessment of the field practical training shall be carried
out by a special committee composed of representatives of the
Division. In the degree classification forest management
analysis shall be given the same weight as the special project
report.
9. A pass is required before a student is allowed to proceed to
the following year or to graduate in the case of a final year
student.

SPECIAL RULES
First Year Examinations
10. A candidate failing in one or two papers shall be required to
sit for supplementary examinations in the papers failed.
11. A candidate failing in more than two papers in the First Year University examination shall be discontinued, unless the Faculty Board is of the opinion that the circumstances are so exceptional that he should be permitted to repeat the year.

12. In a supplementary examination the maximum grade to be awarded will be the pass mark.

13. A student failing the first year supplementary examination shall be discontinued.

Second and Third Year Examinations

14. Examiners may require a candidate to take a supplementary examination before the beginning of the third year of study. In a supplementary examination the maximum grade to be awarded will be the pass mark. Supplementary examination assessment shall not include course work marks.

15. A candidate failing in one or two papers at the end of the second or third year may be allowed to sit for a supplementary examination at the end of the long vacation.

16. Any candidate failing in more than two papers in the University Examination may be allowed to repeat the year, subject to recommendations by the Faculty Board.

17. A candidate failing the second or third year supplementary examination may be allowed to repeat the year.

18. A candidate failing the second year or third year examination, after repeating the year shall be discontinued.

19. All candidates repeating the year shall be required to be in residence.

A. COURSE STRUCTURE FOR THE DEGREE OF BACHELOR OF SCIENCE (FORESTRY)

The syllabus for the B.Sc. (Forestry) lays emphasis on forestry, but some elements of the management of other natural resources are included, in order to enable the student to evaluate in a competent way the use of land, labour and capital for forestry in relation to other types of resource use.

The course units offered in each year are listed below. The course number designates the Department responsible for mounting the course; courses which are run on an inter-departmental basis are indicated with an asterisk, the course number indicating the Department responsible for its administration.
Note: The course prefixes represent the following Departments:-

AC Soil Science and Agricultural Chemistry
AE Agricultural Engineering and Land Planning
AS Animal Science and Production
CS Crop Science and Production
FO Forestry
RE Rural Economy and Agricultural Extension.

### YEAR I

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Course Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 103</td>
<td>Biochemistry (Forestry)</td>
<td>1½</td>
</tr>
<tr>
<td>AC 105</td>
<td>Soil Science I</td>
<td>1</td>
</tr>
<tr>
<td>CS 101</td>
<td>Botany</td>
<td>1</td>
</tr>
<tr>
<td>CS 102</td>
<td>Genetics</td>
<td>½</td>
</tr>
<tr>
<td>CS 103</td>
<td>Plant Physiology</td>
<td>1</td>
</tr>
<tr>
<td>*CS 105</td>
<td>Ecology and Climatology</td>
<td>1</td>
</tr>
<tr>
<td>*FO 101</td>
<td>Forest Economics I</td>
<td>1½</td>
</tr>
<tr>
<td>FO 102</td>
<td>Forest Biology I</td>
<td>1½</td>
</tr>
<tr>
<td>*FO 103</td>
<td>Forest Engineering I</td>
<td>1</td>
</tr>
<tr>
<td>*FO 104</td>
<td>Mathematical Statistics</td>
<td>1½</td>
</tr>
<tr>
<td>FO 105</td>
<td>Wood Utilization I</td>
<td>1</td>
</tr>
</tbody>
</table>

### YEAR II

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Course Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 201</td>
<td>Soil Science II</td>
<td>1</td>
</tr>
<tr>
<td>*AE 201</td>
<td>Soil/Water Conservation Engineering</td>
<td>1</td>
</tr>
<tr>
<td>FO 201</td>
<td>Forest Biology II</td>
<td>2</td>
</tr>
<tr>
<td>FO 202</td>
<td>Forest Mensuration</td>
<td>1½</td>
</tr>
<tr>
<td>FO 203</td>
<td>Management Planning</td>
<td>1</td>
</tr>
<tr>
<td>FO 204</td>
<td>Forest Engineering II</td>
<td>2</td>
</tr>
<tr>
<td>FO 205</td>
<td>Forest Economics II</td>
<td>2</td>
</tr>
<tr>
<td>FO 206</td>
<td>Wood Utilization II</td>
<td>2</td>
</tr>
<tr>
<td>FO 207</td>
<td>Wildlife Ecology</td>
<td>1</td>
</tr>
</tbody>
</table>

### YEAR III

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Course Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FO 301</td>
<td>Forest Protection</td>
<td>1½</td>
</tr>
<tr>
<td>FO 302</td>
<td>Wood Utilization III</td>
<td>1</td>
</tr>
<tr>
<td>FO 303</td>
<td>Forest Management and Administration</td>
<td>2</td>
</tr>
<tr>
<td>FO 304</td>
<td>Forest Engineering III</td>
<td>1</td>
</tr>
<tr>
<td>FO 305</td>
<td>Land use Law and Policy</td>
<td>1½</td>
</tr>
</tbody>
</table>
In addition to completing the above syllabus, the following requirements must be fulfilled.

Students reading for the B.Sc. (For.) will be required to:

(a) Conduct and write up a special project, the topic of which will be selected in consultation with the Head of the Division prior to end of Term III Year II. The project is intended to train the student in independent planning, execution and evaluation of assignments.

(b) Submit a forest management analysis. On the basis of data collected during the field training, each forestry student will have to conduct and write up a management plan for forest management. He will further have to establish a short term budget and plan of action for the same area, including labour and equipment input plan, forest industries development plan, marketing plan, etc.

(c) Complete the following practical training programme;

<table>
<thead>
<tr>
<th>Course</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Forest Practice</td>
<td>1</td>
</tr>
<tr>
<td>Forest Biology A</td>
<td>3</td>
</tr>
<tr>
<td>Wildlife Ecology</td>
<td>1</td>
</tr>
<tr>
<td>Forest Engineering A</td>
<td>3</td>
</tr>
<tr>
<td>Forest Mensuration A</td>
<td>2</td>
</tr>
<tr>
<td>Surveying</td>
<td>2</td>
</tr>
<tr>
<td>Forest Biology B</td>
<td>1</td>
</tr>
<tr>
<td>Forest Engineering B</td>
<td>1½</td>
</tr>
<tr>
<td>Sawmilling</td>
<td>1½</td>
</tr>
<tr>
<td>Forest Mensuration B</td>
<td>1</td>
</tr>
<tr>
<td>Forest Management &amp; Administration</td>
<td>4</td>
</tr>
<tr>
<td>Field Trips</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

(d) Students are encouraged to take vocational employment in forestry prior to entry and during vacation periods. The duration of this training should normally be from 10 to 15 weeks.
<table>
<thead>
<tr>
<th>Year</th>
<th>Course Description</th>
<th>Course No.</th>
<th>Univ. Exam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Development Studies I</td>
<td>DS 101</td>
<td>Dev. Studies I</td>
</tr>
<tr>
<td></td>
<td>Forest Economics I</td>
<td>FO 101</td>
<td>For. Econ. I</td>
</tr>
<tr>
<td></td>
<td>Forest Biology I</td>
<td>FO 102</td>
<td>For. Biology I</td>
</tr>
<tr>
<td></td>
<td>Forest Engineering I</td>
<td>FO 103</td>
<td>FO Eng. &amp; Wood</td>
</tr>
<tr>
<td></td>
<td>Wood Utilization I</td>
<td>FO 105</td>
<td>Util. I</td>
</tr>
<tr>
<td></td>
<td>Biochemistry</td>
<td>AC 103</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>Botany</td>
<td>CS 101</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Genetics</td>
<td>CS 102</td>
<td>Botany</td>
</tr>
<tr>
<td></td>
<td>Plant Physiology</td>
<td>CS 103</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ecology &amp; Climatology</td>
<td>CS 105</td>
<td>Eco. Clim. &amp; Soil</td>
</tr>
<tr>
<td></td>
<td>Soil Science I</td>
<td>AC 105</td>
<td>Sc. I</td>
</tr>
<tr>
<td></td>
<td>Forest Biology II</td>
<td>FO 201</td>
<td>For. Biology II</td>
</tr>
<tr>
<td></td>
<td>Forest Mensuration</td>
<td>FO 202</td>
<td>For. Mensuration</td>
</tr>
<tr>
<td></td>
<td>Management Planning</td>
<td>FO 203</td>
<td>Management Pla- nning</td>
</tr>
<tr>
<td></td>
<td>Forest Engineering II</td>
<td>FO 204</td>
<td>For. Eng. II</td>
</tr>
<tr>
<td></td>
<td>Forest Economics II</td>
<td>FO 205</td>
<td>For. Econ. II</td>
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<td>Wood Utilization II</td>
<td>FO 206</td>
<td>Wood Util. II</td>
</tr>
<tr>
<td></td>
<td>Wildlife Ecology</td>
<td>FO 207</td>
<td>Wildlife Ecology</td>
</tr>
<tr>
<td></td>
<td>Development Studies II</td>
<td>DS 201</td>
<td>Dev. Studies II</td>
</tr>
</tbody>
</table>
In addition to the above undergraduate courses, facilities are available in the Faculty of Agriculture and Forestry for the following Higher Degrees:


FACULTY OF ARTS AND SOCIAL SCIENCES

The Faculty comprises the Departments of Economics, Education, Geography, History, Foreign Languages and Linguistics, Literature, Management and Administration, Political Science, Sociology, Statistics, Swahili and Theatre Arts. Certain courses in Law and Mathematics are also open to students of this Faculty. In addition to the above mentioned Departments, the Economic Research Bureau and the Bureau of Resource Assessment and Land Use Planning function as part of the Faculty of Arts and Social Sciences. Students are prepared for the degrees of Bachelor of Arts (B.A.) and B.A. (with Education).

UNDERGRADUATE COURSES OFFERED DURING 1975/76

1st Year B.A. and B.A. (with Educ.) Degree Course

1. All students entering the Faculty of Arts and Social Sciences will, in their 1st year, opt for one of the four streams, viz. Stream A, Stream B, Stream C (Education) and Stream C (non-Education); and will be required to take a total of 12 course units.
2. First year entrants into the Faculty of Arts and Social Sciences with option in Education will join Stream C (Education), and shall register for Development Studies.
3. Students intending to take Planning, Industrial Development, Agriculture and Rural Development, Management and Administration, and Statistics will join Stream A and shall be required to take the following:

(a) AS 100: East African Society and Environment 1 4
(b) EC 100: Introductory Political Economy 2
(c) ST 100: Elementary Mathematics and Statistics 2

OR

(d) ST 100: Elementary Statistics 2
(e) MA 100: Accountancy 1 and 2
(f) One of the following options
   (i) PS 100: Introduction to Politics 2
   (ii) SO 100: Elements of Social Development 2
   (iii) GE 100: Background to Physical Resources 2
   (iv) HI 100: Problems of African History 2
   (v) A Language:
       SW 100 Swahili 2
       or LL 110 English 2
       or LL 150 French 2
   (vi) ST 102: Mathematics for Social Scientists
       (Compulsory for those taking ST 101) 2

provided that those intending to take Agriculture and Rural Development will take GE 100 and those intending to take Industrial Development will take SO 100, and those intending to take Statistics will take both ST 101 and ST 102.

4. Students intending to take Physical Resources, International Relations and Administration, Social Development and Administration will join Stream B, and shall be required to take the following:

(a) AS 100: East African Society and Environment I 4
(b) AS 101: Methods of Social Science Research 2
(c) Three of the following:
   (i) PS 100: Introduction to Politics 2
   (ii) HI 100: Problems of African History 2
   (iii) SO 100: Elements of Social Development 2
   (iv) GE 100: Background to Physical Resources 2
   (v) EC 100: Introductory Political Economy 2
   (vi) MA 100: Accountancy I 2
   (vii) ST 100: Elementary Mathematics and Statistics 2
(viii) A Language:

- SW 100 Swahili 2
- or LL 110 English 2
- or LL 150 French 2

provided that those intending to take Physical Resources will be required to take GE 100 and EC 100 and those intending to take International Relations and Administration will take PS 100. Those intending to take Social Development and Administration must take SO 100 and either PS 100 or EC 100.

5. Students intending to specialise in Foreign Languages and Linguistics, Literature, Swahili, Theatre Arts and History, other than Education students, will join Stream C (non-Education), and will be required to register, in addition to the AS 100, East African Society and Environment I Course, for a major-minor combination in the following disciplines:

- Geography;
- History;
- Literature;
- Foreign Languages and Linguistics;
- Swahili;
- Theatre Arts (and possibly Economics and Political Science).

They will be required to take two full courses (4 units) in each of the major and the minor combination.

6. (a) All students registered in Stream C (Education) will be required to take Development Studies, and in addition, they will take two full courses offered by the Department of Education (4 units).

(b) They will also take two full courses in their major subject and two courses in their minor subject, chosen from the following teaching subjects:

- Geography;
- History;
- Literature;
- Foreign Languages and Linguistics;
- Swahili;
- Theatre Arts;
- Economics and Political Science;
provided that those taking Foreign Languages and Linguistics will not have French as a minor subject unless their other subject is English.

2nd and 3rd year B.A. and B.A. (with Education) Degree Courses

7. In making choices for the 2nd year, students must take into consideration the course prerequisites for the course combinations, the maximum number of students allowed to enter the sub-stream and their expectation of success in the chosen fields of specialization.

3. All students entering the second year, other than those in Education, will be required to take 2nd year EASE course. The course will deal with the impact of science and technology and development and will be equivalent to 2 course units. In addition to these courses students will enrol for 10 course units taken from their respective fields of specialization as indicated below.

9. The prerequisites for entering the sub-streams for the academic year 1975/76 are as follows:

<table>
<thead>
<tr>
<th>Sub-stream</th>
<th>Prerequisite to</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Planning</td>
<td>EC 100, ST 100, MA 100</td>
</tr>
<tr>
<td>2. Industrial Development</td>
<td>EC 100, ST 100, MA 100, SO 100</td>
</tr>
<tr>
<td>3. Agriculture and Rural Development</td>
<td>EC 100, ST 100, MA 100, GE 100</td>
</tr>
<tr>
<td>4. Statistics</td>
<td>EC 100, ST 101, ST 102, MA 100</td>
</tr>
<tr>
<td>5. Management and Administration</td>
<td>EC 100, MA 100, ST 100, GE 100, EC 100</td>
</tr>
<tr>
<td>6. Resource Assessment</td>
<td></td>
</tr>
<tr>
<td>7. International Relations and Administration</td>
<td>PS 100</td>
</tr>
<tr>
<td>8. Social Development and Administration</td>
<td>SO 100, EC 100/PS 100</td>
</tr>
<tr>
<td>9. Arts Major-Minor in Approved Subject Combination</td>
<td>Major-Minor</td>
</tr>
<tr>
<td>10. Planning, Agriculture and Rural Development and Industrial Development sub-streams will be administered by the Department of Economics. The sub-streams, Management and Administration, Statistics, Resource Assessment, International Relations and Administration and Social Development and Administration will be administered by the Departments of Management and Administration, Statistics, Geography, Political Science, and Sociology, respectively.</td>
<td></td>
</tr>
</tbody>
</table>
11. All students entering the 2nd year must register for a total of 12 course units, 2 of which must be in AS 200, that is 2nd year East African Society and Environment course.

12. Stream C (non-Education) students will take 6 units in their major subjects, 4 units in their minor subjects and 2 units in AS 200. Education students will take 2 Units in Development Studies in their second year. In addition, they will take:
   - 2 units in Education;
   - 6 units in their major
   - 2 units in their minor.

In their 3rd year, all Education students will take:
   - 2 units in Education
   - 6 units in their major
   - 4 units in their minor.

13. The course structure for the 2nd and 3rd year and their respective course units in the various sub-streams are detailed below:

Explanatory Note on Coding of Courses

The Code consists of 6 digits:
The 1st and 2nd identify the Department (or Faculty if it is a Faculty course).

Faculty/Department codes are as follows:
- AS — Faculty of Arts and Social Sciences
- DS — Development Studies.
- EC — Economics.
- GE — Geography.
- HI — History.
- LL — Foreign Languages and Linguistics.
- MA — Management and Administration.
- LT — Literature.
- PS — Political Science.
- SO — Sociology.
- ST — Statistics.
- SW — Swahili.
- TA — Theatre Arts.
- ED — Education.

The 3rd identifies the year of the course.
The 4th and 5th identify the different courses within a Department.
The 6th is blank if the course is a full course (2 units) and has an “a” if the course is a half (1 unit) course which is normally given in the first half of the year and “b” if the half course is normally given in the second half of the year.

E.g. ST 209a is a Statistics course given in the first part of the year.

### COURSE COMBINATIONS

**DEPARTMENT OF ECONOMICS**

#### Sub-stream 1: Planning

<table>
<thead>
<tr>
<th>2nd Year</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 200: EASE II</td>
<td>2</td>
</tr>
<tr>
<td>EC 200: Economic Theories</td>
<td>2</td>
</tr>
<tr>
<td>EC 201: Economic Statistics and Quantitative Methods</td>
<td>2</td>
</tr>
<tr>
<td>EC 202: Political Economy of Underdevelopment and Planning</td>
<td>2</td>
</tr>
<tr>
<td>GE 204: Rural and Urban Systems, Location and Planning</td>
<td>2</td>
</tr>
</tbody>
</table>

One of the following:

- PS 200: Public Administration | 2 |
- MA 200: Accountancy II (Managerial Accounting) | 2 |
- GE 200: Physical Resources | 2 |

<table>
<thead>
<tr>
<th>3rd Year</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 300: EASE III</td>
<td>2</td>
</tr>
<tr>
<td>EC 300: Economic Policy and Planning</td>
<td>2</td>
</tr>
<tr>
<td>EC 310: Planning Techniques</td>
<td>2</td>
</tr>
<tr>
<td>EC 311: Money and Public Finance</td>
<td>2</td>
</tr>
<tr>
<td>EC 312b: Manpower Planning</td>
<td>1</td>
</tr>
<tr>
<td>ST 209a: Demography</td>
<td>1</td>
</tr>
</tbody>
</table>

One of the following:

- EC 350: International Economics | 2 |
- ST 202: Datamatics I | 2 |
- GE 302: Regional Planning | 2 |

#### Sub-Stream 2: Industrial Development

<table>
<thead>
<tr>
<th>2nd Year</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 200: EASE II</td>
<td>2</td>
</tr>
<tr>
<td>EC 200: Economic Theories</td>
<td>2</td>
</tr>
<tr>
<td>EC 201: Economic Statistics and Quantitative Methods</td>
<td>2</td>
</tr>
<tr>
<td>EC 202: Political Economy of Underdevelopment and Planning</td>
<td>2</td>
</tr>
</tbody>
</table>
MA 200: Managerial Accounting 2
SO 210: Sociology of Work and Industry 2

3rd Year

AS 300: EASE III 2
EC 300: Economic Policy and Planning 2
EC 320: Industrial Economics 2
EC 302: Industrial Organization and Management 2
GE 210: Rural and Urban Systems, Location and Planning 2

One of the following:

MA 201: Financial Management 2
ST 202: Datamatics I 2
EC 311: Money and Public Finance 2

Sub-stream 3: Agriculture and Rural Development

2nd Year

AS 200: EASE II 2
EC 200: Economic Theories 2
EC 201: Economic Statistics and Quantitative Methods 2
EC 202: Political Economy of Underdevelopment and Planning 2
EC 230: Agricultural Economics 2
SO 220: Rural Sociology 2

3rd Year

AS 300: EASE III 2
EC 300: Economic Policy and Planning 2
EC 330: Farm Management and Organization of Producer Co-operatives 2
EC 331: Agricultural Marketing 2
EC 332: Socialist Agricultural Systems 2

One of the following:

SO 321: Problems of Rural-Urban Interaction 2
GE 200: Physical Resources 2
GE 302: Regional Planning 2

DEPARTMENT OF STATISTICS

Sub-stream 4: Statistics

2nd Year

AS 200: EASE II 2
ST 200: Theory of Statistics I 2
ST 201: Mathematics II 2
ST 202: Datamatics I 2
Two of the following:

ST 209: Demography 2
EC 201: Economic Statistics and Quantitative Methods 2
MA 200: Accountancy II (Managerial Accounting) 2
EC 200: Economic Theories 2

3rd Year

AS 300: EASE III 2
ST 300: Theory of Statistics II 2
ST 301: Operations Research 2
ST 302: Sampling Theory and Quality Control 2
Two of the following:
ST 303: Statistical Methods of Econometrics 2
ST 304: Design of Experiments, Analysis of Variance and Regression 2
ST 305: Bayesian Techniques and Statistical Decision Theory 2
MA 201: Financial Management 2
EC 300: Economic Theories 2
ST 306: Datamatics II 2

DEPARTMENT OF MANAGEMENT AND ADMINISTRATION

Sub-stream 5: Management and Administration

The First Year students in the Faculty of Arts and Social Sciences who intend to take Management and Administration in the Second Year must take the following course combinations:

1st Year Courses

(a) AS 100: East African Society and Environment 4
(b) EC 100: Introductory Political Economy 2
(c) ST 100: Elementary Mathematics and Statistics 2
(d) MA 100: Accountancy I; 2
(e) One of the following options:
   (i) PS 100: Introduction to Politics 2
   (ii) SO 100: Introduction to Social Development
   (iii) GE 100: Background to Physical Resources 2
   (iv) HI 100: Problems of African History 2

In the first year, only one Management and Administration course (M & A 1 ) is taught.

The first year students, i.e. Stream A & B, who intend to take Management and Administration in the second and third year, must pass MA 100, EC 100 and ST 100 in the first year.
2nd Year
Compulsory Courses

AS 200: EASE II 2
MA 200: Managerial Accounting 2
MA 201: Quantitative Methods for Business Decisions 2
MA 202: Principles of Management and Administration 2

and

either Commerce:
MA 210: Elements of Commerce 2
MA 211: Commercial Law 2

OR Finance:
EC 200: Economic Theories 2
MA 220: Budgeting and Financial Control 2

OR Personnel
MA 230: Personnel Management 2
MA 231: Labour Law 2

OR Accountancy
MA 240: Intermediate Accounting 2
MA 211: Commercial Law 2

3rd Year Courses
The third year students in Commerce, Finance and Personnel options must take AS 300, MA 300, MA 301, MA 303 and MA 304 as compulsory and those in accounting option must take AS 300, MA 304, MA 340a, MA 341 and MA 342 as compulsory.

Compulsory Courses

AS 300: EASE III 2
MA 300: Marketing Management 2
MA 301: Production Management 2
MA 303: Financial Management 2
MA 304: Business Administration 2
MA 340: Cost Accounting 2
MA 340a: Systems Analysis 2
MA 341: Advanced Accounting 2
MA 342: Auditing 2

and either

Commerce:
One of the following:
MA 320: Financial Institutions and Foreign Trade Finance 2
MA 321: Legal Aspects of International Trade and Investments 2

or Personnel
One of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 209a</td>
<td>Demography</td>
<td>1</td>
</tr>
<tr>
<td>EC 312b</td>
<td>Manpower Planning</td>
<td>1</td>
</tr>
<tr>
<td>SO 210</td>
<td>Sociology of Work and Industry or Accountancy</td>
<td>2</td>
</tr>
</tbody>
</table>

DEPARTMENT OF GEOGRAPHY

Sub-stream 6: Resource Assessment

2nd Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 200</td>
<td>EASE II</td>
<td>2</td>
</tr>
<tr>
<td>GE 200</td>
<td>Physical Resources</td>
<td>2</td>
</tr>
<tr>
<td>GE 201a</td>
<td>Agricultural Systems, Location and Planning</td>
<td>1</td>
</tr>
<tr>
<td>ST 209b</td>
<td>Demography</td>
<td>1</td>
</tr>
<tr>
<td>GE 202</td>
<td>Cartographic and Quantitative Methods II</td>
<td>2</td>
</tr>
<tr>
<td>EC 200</td>
<td>Economic Theories</td>
<td>2</td>
</tr>
<tr>
<td>GE 203</td>
<td>Hydrometeorology</td>
<td>2</td>
</tr>
</tbody>
</table>

3rd Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 300</td>
<td>EASE III</td>
<td>2</td>
</tr>
<tr>
<td>GE 300</td>
<td>Water Resources Development</td>
<td>2</td>
</tr>
<tr>
<td>GE 302</td>
<td>Regional Planning</td>
<td>2</td>
</tr>
<tr>
<td>GE 303</td>
<td>Resource Conservation and Management</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE 304</td>
<td>Land Use and Potential</td>
<td>2</td>
</tr>
<tr>
<td>GE 205</td>
<td>Geography of Africa</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE 305</td>
<td>Transportation</td>
<td>2</td>
</tr>
<tr>
<td>PS 200</td>
<td>Public Administration</td>
<td>2</td>
</tr>
</tbody>
</table>

DEPARTMENT OF POLITICAL SCIENCE

Sub-stream 7: International Relations and Administration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 100</td>
<td>EASE I</td>
<td>4</td>
</tr>
<tr>
<td>AS 101</td>
<td>Methods of Social Science Research (MSSR)</td>
<td>2</td>
</tr>
<tr>
<td>PS 100</td>
<td>Introduction to Politics</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HI 100</td>
<td>Problems of African History</td>
<td>2</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>SO 100</td>
<td>Introduction to Social Development</td>
<td>2</td>
</tr>
<tr>
<td>GE 100</td>
<td>Background to Physical Resources</td>
<td>2</td>
</tr>
<tr>
<td>EC 100</td>
<td>Introduction to Political Economy</td>
<td>2</td>
</tr>
<tr>
<td>MA 100</td>
<td>Accountancy I</td>
<td>2</td>
</tr>
<tr>
<td>ST 100</td>
<td>Elements of Mathematics and Statistics</td>
<td>2</td>
</tr>
<tr>
<td>LL 150</td>
<td>A Language (French)</td>
<td>2</td>
</tr>
</tbody>
</table>

### 2nd Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 200</td>
<td>EASE II</td>
<td>2</td>
</tr>
<tr>
<td>PS 200</td>
<td>Public Administration and Organization Theory</td>
<td>2</td>
</tr>
<tr>
<td>PS 202</td>
<td>Comparative Political Systems</td>
<td>2</td>
</tr>
<tr>
<td>PS 203</td>
<td>International Relations</td>
<td>2</td>
</tr>
<tr>
<td>PS 204</td>
<td>Comparative Political Thought</td>
<td>2</td>
</tr>
<tr>
<td>HI 302</td>
<td>Political Economy of Industrial States</td>
<td>2</td>
</tr>
<tr>
<td>GE 300</td>
<td>The Geography of Africa</td>
<td>2</td>
</tr>
</tbody>
</table>

**Foreign Languages and International Relations:**
Students who are combining International Relations with French or any other foreign language should take EASE II, PS 203 and two other second year courses in Political Science as well as two courses (4 units) in Foreign Languages and Linguistics.

### 3rd Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 300</td>
<td>EASE III</td>
<td>2</td>
</tr>
<tr>
<td>PS 300</td>
<td>Political Parties and Bureaucracies</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Two courses (4 units)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from the following:</td>
<td></td>
</tr>
<tr>
<td>PS 301</td>
<td>Politics of Developing Areas</td>
<td>2</td>
</tr>
<tr>
<td>PS 302</td>
<td>Tanzania Socialism and African Political Thought</td>
<td>2</td>
</tr>
<tr>
<td>PS 308</td>
<td>Comparative Modernization</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Two Courses from Either</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>Public Administration:</td>
<td></td>
</tr>
<tr>
<td>PS 303</td>
<td>Regional Integration</td>
<td>2</td>
</tr>
<tr>
<td>PS 305</td>
<td>Strategies of Rural Development</td>
<td>2</td>
</tr>
<tr>
<td>PS 307</td>
<td>Dissertation</td>
<td>2</td>
</tr>
<tr>
<td>MA 220</td>
<td>Budgeting and Financial Control</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>International Relations</td>
<td></td>
</tr>
<tr>
<td>PS 303</td>
<td>Regional Integration</td>
<td>2</td>
</tr>
<tr>
<td>PS 304</td>
<td>Imperialism and Liberation</td>
<td>2</td>
</tr>
<tr>
<td>PS 306</td>
<td>Public International Law</td>
<td>2</td>
</tr>
<tr>
<td>PS 307</td>
<td>Dissertation</td>
<td>2</td>
</tr>
</tbody>
</table>
Foreign Languages and International Relations:

Foreign Language students should take EASE III, PS 300 and two other third year courses in Political Science, as well as two courses in Foreign Languages and Linguistics.

Political Science Syllabus for Education and other Stream C Students.

1st Year

PS 100: Introduction to Politics 2
PS 101: Government and Politics in East Africa 2

Second Year

Political Science Majors are required to choose three, Minors should choose one (if also taking education) or two (if non-education) courses from two of the following. Development Studies is compulsory for education students and EASE II (AS 200) is compulsory for non-education students:

PS 200: Public Administration and Organization Theory 2
PS 202: Comparative Political Systems 2
PS 203: International Relations 2
PS 204: Comparative Political Thought 2
SO 220: Rural Sociology 2

Third Year

Political Science Majors should choose three and Minors should choose two courses from the following. Students in Stream C (non-education) should take EASE III (AS 300); PS 300 is requisite for all Political Science students majors and PS 302 is requisite for all Tanzanian students taking education. PS 307 is not available for Education students.

PS 300: Political Parties and Bureaucracies 2
PS 301: Politics of Developing Areas 2
PS 302: Tanzanian Socialism and African Political Thought 2
PS 303: Regional Integration 2
PS 304: Imperialism and Liberation 2
PS 306: Public International Law 2
PS 307: Dissertation 2
PS 308: Comparative Modernization 2

Summary of Political Science Examination Papers.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS 100: Introduction to Politics</td>
<td>2</td>
</tr>
<tr>
<td>PS 101: Government and Politics in East Africa</td>
<td>2</td>
</tr>
</tbody>
</table>
### 2nd Year:
- PS 200: Public Administration and Organization Theory  
- PS 202: Comparative Political Systems  
- PS 203: International Relations  
- PS 204: Comparative Political Thought

### 3rd Year:
- PS 300: Political Parties and Bureaucracies  
- PS 301: Politics of Developing Areas  
- PS 302: Tanzanian Socialism and African Political Thought  
- PS 303: Regional Integration  
- PS 304: Imperialism and Liberation  
- PS 305: Strategies of Rural Development  
- PS 306: Public International Law  
- PS 307: Dissertation  
- PS 308: Comparative Modernization

### DEPARTMENT OF SOCIOLOGY

**Sub-stream 8: Social Development and Administration**

#### 1st Year:

<table>
<thead>
<tr>
<th>Compulsory Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 100: East African Society and Environment (EASE I)</td>
<td>4</td>
</tr>
<tr>
<td>AS 101: Methods of Social Science Research (MSSR)</td>
<td>2</td>
</tr>
<tr>
<td>SO 100: Introduction to Social Development</td>
<td>2</td>
</tr>
</tbody>
</table>

**Options:** Two from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 100: Introductory Political Economy</td>
<td>2</td>
</tr>
<tr>
<td>HI 100: Problems of African History</td>
<td>2</td>
</tr>
<tr>
<td>PS 100: Introduction to Politics</td>
<td>2</td>
</tr>
<tr>
<td>GE 100: Background to Physical Resources</td>
<td>2</td>
</tr>
<tr>
<td>MA 100: Accountancy I</td>
<td>2</td>
</tr>
<tr>
<td>ST 100: Elementary Mathematics and Statistics</td>
<td>2</td>
</tr>
</tbody>
</table>

Those intending to take Culture option should take Two from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LT 100: African Literature I</td>
<td>2</td>
</tr>
<tr>
<td>TA 100: An Introduction to the Arts of theatre</td>
<td>2</td>
</tr>
<tr>
<td>HI 100: Problems of African History</td>
<td>2</td>
</tr>
</tbody>
</table>

#### 2nd Year: (A Total of 12 Course units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 200: East African Society and Environment (EASE II)</td>
<td>2</td>
</tr>
<tr>
<td>SO 200: Theories of Development: I</td>
<td>2</td>
</tr>
</tbody>
</table>
SO 210: Sociology of Work and Industry  2
SO 220: Rural Sociology  2

Specialisation: Students should choose one of the following options consisting of 4 units.

(a) Rural Development:
   SO 230: Settlement Patterns in Rural Communities  2
   EC 230: Agricultural Economics  2
   OR

(b) Industrial Sociology:
   SO 240: Comparative Patterns of Industrialization  2
   And One of the following
   HI 302: Political Economy of Industrial State  2
   EC 202: Political Economy of Under development and Planning  2
   GE 204: Rural-Urban Systems Location and Planning  2
   OR

(c) Social Welfare:
   SC 250: Social Psychology  2
   SO 260: Sociological Aspects of Criminology  2
   OR

(d) Cultural Development:
   SO 270: Social Structure of Tanzania  2
   SO 280: African Civilization and Culture  2
   And One of the following
   LT 202: African Literature II  2
   TA 203: Traditional Forms of Theatre in Africa  2

3rd Year: (A Total of 12 Course units)

Common Courses
AS 300: East African Society and Environment (EASE III)  2
SO 300: Theories of Development II  2
SO 310: Comparative Socialist Development  2

Specialisations: Students must continue with the same specialisation as that taken during 2nd Year. A total of 6 units.
(a) **Rural Development:**
- SO 320: Socialist Rural Development 2
- GE 204: Rural-Urban Systems, Location and Planning 2
- SO 340: Dissertation 2

**OR**

(b) **Industrial Sociology:**
- SO 350: Industrial Relations 2
- SO 360: Workers Participation and Control 2
- SO 370: Dissertation 2

**OR**

(c) **Social Welfare:**
- SO 380: Social Administration 2
- SO 390: Social Policy Planning 1
- SO 391: Theory and Practice of Social Welfare 1
- SO 392: Dissertation 2

(d) **Cultural Development:**
- SO 393: Studies in Comparative Civilization 2
- SO 394: The Sociology of Culture 2
- SO 395: Dissertation 2

**STREAM C (EDUCATION AND NON-EDUCATION)**

**DEPARTMENT OF ECONOMICS**

**1st Year—Major and Minor**
- EC 100: Introductory Political Economy 2
- ST 100: Elementary Mathematics and Statistics 2

**2nd Year—Major**
- EG 200: Economic Theories 2
- EC 201: Economic Statistics and Quantitative Methods 2
- EC 202: Political Economy of Underdevelopment and Planning 2

**Minor**
- EC 200: Economic Theories 2
- EC 201: Economic Statistics and Quantitative Methods 2

**3rd Year — Major**
- EC 300: Economic Policy and Planning 2
- HI 301: Economic History of Tanzania 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 320:</td>
<td>Industrial Economics</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC 202:</td>
<td>Political Economy of Underdevelopment and Planning</td>
<td>2</td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC 300:</td>
<td>Economic Policy and Planning</td>
<td>2</td>
</tr>
<tr>
<td>EC 201:</td>
<td>Economic Statistics and Quantitative Methods</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC 202:</td>
<td>Political Economy of Underdevelopment and Planning</td>
<td>2</td>
</tr>
</tbody>
</table>

**DEPARTMENT OF GEOGRAPHY**

**First Year — Major and Minor:**
- GE 100: Background to Physical Resources | 2
- GE 102: Cartographic and Quantitative Methods I | 2

**2nd Year — Major**
- GE 101: Spatial Organization | 2
- GE 200: Physical Resources | 2
- GE 202: Cartographic and Quantitative Methods II | 2

**Minor:**
- GE 101: Spatial Organization | 2

**3rd Year — Major**
- GE 205: Geography of Africa | 2
- GE 201: Agricultural Systems, Location and Planning | 2
- GE 301: Urban Systems, Location and Planning | 2
- GE 302: Regional Planning | 2

**Minor:**
- GE 205: Geography of Africa | 2
- GE 201: Agricultural Systems, Location and Planning | 2

**OR**
- GE 301: Urban Systems, Location and Planning | 2

**DEPARTMENT OF HISTORY**

**1st Year — Major and Minor**
- HI 100: Problems of African History I | 2
- HI 101: Colonialism and Nationalism | 2

**2nd Year — Major**
- HI 200: Historians and Revolutions | 2
- HI 201: History of Central Africa | 2
- HI 202: History of East Africa | 2
### Minor

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HI 200</td>
<td>Historians and Revolutions</td>
<td>2</td>
</tr>
<tr>
<td>HI 202</td>
<td>History of East Africa</td>
<td>2</td>
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### 3rd Year — Major

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<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HI 301</td>
<td>Economic History of Tanzania</td>
<td>2</td>
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<tr>
<td>HI 302</td>
<td>Political Economy of Industrial States</td>
<td>2</td>
</tr>
<tr>
<td>HI 300</td>
<td>History of West Africa</td>
<td>2</td>
</tr>
<tr>
<td>HI 310</td>
<td>Archaeology OR</td>
<td>2</td>
</tr>
<tr>
<td>HI 304</td>
<td>Dissertation OR</td>
<td>2</td>
</tr>
<tr>
<td>HI 303</td>
<td>Black Peoples in the Americas</td>
<td>2</td>
</tr>
<tr>
<td>HI 305</td>
<td>History of North Africa</td>
<td>2</td>
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### Minor

<table>
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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HI 302</td>
<td>Political Economy of Industrial States</td>
<td>2</td>
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<tr>
<td>HI 303</td>
<td>Black Peoples in the Americas</td>
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</table>

### DEPARTMENT OF LITERATURE

#### 1st Year — Major and Minor

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LT 100</td>
<td>African Literature I</td>
<td>2</td>
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<tr>
<td>LT 101</td>
<td>Theory of Literature</td>
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#### 2nd Year — Major

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>LT 200</td>
<td>Drama</td>
<td>2</td>
</tr>
<tr>
<td>LT 201</td>
<td>Afro-American and Caribbean Literature</td>
<td>2</td>
</tr>
<tr>
<td>LT 202</td>
<td>African Literature II</td>
<td>2</td>
</tr>
<tr>
<td>LT 203</td>
<td>Oral Literature I</td>
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<tr>
<td>LT 204</td>
<td>Swahili Literature I</td>
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</tr>
<tr>
<td>LT 205</td>
<td>Creative Writing I</td>
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### Minor

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<tbody>
<tr>
<td>LT 200</td>
<td>Drama</td>
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</tr>
<tr>
<td>LT 202</td>
<td>African Literature II</td>
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#### 3rd Year — Major

Any three from the following

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>LT 300</td>
<td>Development of the Novel</td>
<td>2</td>
</tr>
<tr>
<td>LT 301</td>
<td>Literature and Revolution</td>
<td>2</td>
</tr>
<tr>
<td>LT 302</td>
<td>Creative Writing II</td>
<td>2</td>
</tr>
<tr>
<td>LT 303</td>
<td>Poetry</td>
<td>2</td>
</tr>
<tr>
<td>LT 304</td>
<td>Swahili Literature II</td>
<td>2</td>
</tr>
<tr>
<td>LT 305</td>
<td>Oral Literature II</td>
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</tbody>
</table>

### Minor

Any two of the above.
## DEPARTMENT OF THEATRE ARTS

### 1st Year — Major and Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 100</td>
<td>An Introduction to the Arts of Theatre</td>
<td>2</td>
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**Major:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 101</td>
<td>Theory and History of Theatrical Forms</td>
<td>2</td>
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</table>

### 2nd Year — Major

Either:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 200</td>
<td>Acting and Directing Plays and Theatre Techniques</td>
<td>2</td>
</tr>
</tbody>
</table>
| OR
| TA 201 | Design and Stagecraft | 2 |

**Major and Minor:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 202</td>
<td>Dramaturgy and Dramatic Literature</td>
<td>2</td>
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</tbody>
</table>

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 203</td>
<td>Traditional Forms of Theatre in Africa</td>
<td>2</td>
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</table>

### 3rd Year — Major and Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 300</td>
<td>Theatre for Children and Youth</td>
<td>2</td>
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</table>

**Major:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 301</td>
<td>Special Study on a topic related to Theatre</td>
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</table>

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TA 302</td>
<td>Dance and Choreography</td>
<td>2</td>
</tr>
<tr>
<td>TA 303</td>
<td>Design and Stagecraft</td>
<td>2</td>
</tr>
<tr>
<td>TA 304</td>
<td>Advanced Writing and Theatre criticism</td>
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</tbody>
</table>

## DEPARTMENT OF SWAHILI

### 1st Year — Major and Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SW 100</td>
<td>Introductory Swahili Usage and Literature</td>
<td>2</td>
</tr>
<tr>
<td>SW 101</td>
<td>Introduction to Language</td>
<td>2</td>
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</tbody>
</table>

### 2nd Year — Major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 201</td>
<td>Swahili Literature</td>
<td>2</td>
</tr>
<tr>
<td>SW 202</td>
<td>Swahili Phonetics and Phonology</td>
<td>2</td>
</tr>
<tr>
<td>SW 203</td>
<td>Linguistics Theory I</td>
<td>2</td>
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**Minor**

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 200</td>
<td>Advanced Swahili Usage</td>
<td>2</td>
</tr>
<tr>
<td>SW 201</td>
<td>Swahili Literature</td>
<td>2</td>
</tr>
<tr>
<td>SW 202</td>
<td>Swahili Phonetics and Phonology</td>
<td>2</td>
</tr>
</tbody>
</table>
3rd Year — Major
SW 300: Swahili Morphology and Syntax 2
SW 301: Swahili Texts 2
SW 310: Dissertation 2

Minor
Two of the following:
SW 300: Swahili Morphology and Syntax 2
SW 301: Swahili Texts 2
SW 310: Dissertation 2

DEPARTMENT OF FOREIGN LANGUAGES
AND LINGUISTICS

1st Year
LL 100: General Linguistics I 2
LL 110: English I (Structure, Spoken, Usage) 2

2nd Year — Major
LL 200: General Linguistics II 2
Major and Minor
LL 210: English Structure 2
LL 211: English Usage (for Majors and non-Education Minors) 2

3rd Year — Major
LL 300: General Linguistics III 2
LL 310: English Usage (All Education Minors and Stream B) 2
LL 311: Applied Linguistics (All Education Students) 2
Education Majors
One of the following:
LL 312: Project 2
LL 313: Advanced English Usage 2
LL 314: Advanced English Structure 2

Non-Education Majors
Two of the following:
LL 311: Applied Linguistics 2
LL 312: Project 2
LL 313: Advanced English Usage 2
LL 314: Advanced English Structure 2

FRENCH
1st Year — Major:
LL 150: Structure—Usage—Composition 2
LL 151: General Linguistics 2

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| Minor: |  |
| LL 159: Structure and Usage | 2 |

| 2nd Year Major: |  |
| LL 250: French Phonology | 2 |
| LL 251: Usage | 2 |
| LL 252: Translation: either French/English—French | 2 |
| OR |  |
| French/Swahili—Swahili/French | 2 |

| Minor: |  |
| LL 258: Translation: either French/English—French | 2 |
| OR |  |
| French/Swahili—Swahili/French | 2 |

| LL 259: Study of Three African Authors | 2 |

| 3rd Year Major: |  |
| LL 350: Advanced French I | 2 |
| LL 351: Advanced French II | 2 |
| LL 352: Translation: either French/English—French | 2 |
| OR |  |
| French/Swahili—Swahili/French | 2 |
| And One of the following: |  |
| LL 353: French Phonetics and Phonology | 2 |
| LL 354: Some 20th Century French Authors | 2 |

| Minor: |  |
| LL 358: Translation II: either French/English—French | 2 |
| OR |  |
| French/Swahili—Swahili/French | 2 |

**DEPARTMENT OF EDUCATION**

| 1st Year |  |
| ED 100: History, Theory and Practice of Education | 2 |
| ED 101: Sociology and Psychology of Education | 2 |
| ED 102: Teaching Practice |  |

| 2nd Year |  |
| ED 200: Curriculum Development, Educational Measurement and School Organization (Education Process) | 2 |
and Either

ED 201: Methods of Teaching Secondary School Subjects 2
OR
ED 202: Methods of Teaching Primary School Subjects 2
OR
ED 203: Methods of Teaching Adult Education 2
and
ED 204: Teaching Practice

3rd Year
ED 300a: Philosophy of Education 1
ED 301a: Sociology of Education 1
ED 302a: Comparative Education 1
ED 303a: Contemporary Education in East Africa 1
ED 304a: Adult Education 1
ED 305a: Cognitive Processes and human Development 1
ED 306a: The Social Psychology of Learning 1
ED 311b: Educational Administration, and School Organization 1
ED 312b: Test Construction and Evaluation 1
ED 313b: Research Methodology 1
ED 314b: Library Education 1
ED 315b: Art Education 1
ED 316b: Audio-Visual Education 1
ED 317b: Physical Education 1
ED 318b: Music Education 1
ED 319b: Theatre Arts Education 1

POST-GRADUATE STUDIES

Faculty of Arts and Social Sciences
The Faculty has facilities in all Departments to enable students to undertake advanced work and research under supervision for M.A. Ph.D., D.Litt and M.A. in Education degrees of the University of Dar es Salaam and a Post graduate Diploma in Education of the University of Dar es Salaam.

In addition, the Faculty has established the following M.A. programme in Social Sciences:

1. Purpose and Scope:

The Faculty of Arts and Social Sciences has an organised uniform structure for postgraduate courses in the Social Sciences, including Economics, Geography, Management and Administra-
tion, Political Science, Sociology and Statistics, with particular emphasis for in-service government and parastatal personnel and for the university's own staff development.

2. Participation:—
This postgraduate studies programme incorporates all post-graduate teaching being offered by the Faculty's social science Departments including: Economics, Geography, Management and Administration, Political Science, Sociology and Statistics. It has a common administrative structure for purposes of teaching, research and conducting of examinations without having any jurisdiction over the degrees to be awarded by thesis alone, which remains the responsibility of a separate academic body.

3. Aims and objectives:
The following are the aims and objectives of the postgraduate study programme.
(a) To extend the existing generalised undergraduate studies by offering specialised teaching and instruction at an advanced level to meet Tanzania's immediate professional needs;
(b) To create awareness of the problems of African development and a personal commitment to socialist reconstruction in Tanzania;
(c) To encourage an interdisciplinary approach and joint research among all the university's social science Departments;
(d) To generate teaching and research materials with direct relevance to contemporary policy issues in Tanzania;

4. Duration of the Course:
The M.A. programme lasts one academic year of eleven months.

5. Course Structure:
(a) Basic work in related academic or professional disciplines (termed "core courses");
(b) Some optional courses to make up a particular specialisation suited to each student's intended future occupation (termed "optional courses");
(c) A brief termination period of study focused on problems of practical policy (termed "independent study").

6. Eligibility for Admission to the Course:
To be eligible for admission, the candidate must fulfil the following conditions:
(a) Must hold a good Bachelor’s degree or its equivalent;
(b) Possess at least one year’s experience, on the job, except in so far as exemption is granted on the recommendation of the sponsoring authorities.

7. Teaching Programme:
The programme consists of nine months of instruction, followed by a terminal two months period of independent study. The instructional period is divided into two semesters of about 17 weeks each. Each semester consists of 15 teaching weeks and a 2 weeks period for revision and semester examinations.

8. Course Units:
Course equivalence is determined by the same system used in undergraduate instruction: a 1 unit course (or “half course”) consisting of 30 contact hours (exclusive of examinations and revision), and a 2 unit course (or “full course”) of 60 contact hours.

9. Examinations
(b) Semester Examinations:
Course assessment ordinarily counts 50% towards the final marks in each course. Course work marks include semester test and whatever essays, course work exercises, or research papers, as assigned.

(b) Final Examinations:
All courses are examined separately at the end of every two semesters, and before the start of the research phase in each academic year. An exception is made for half courses offered only in the first and second semester, which are to be examined at the end of the respective semester but with the marks and scripts being carried forward to be considered alongside the other results at the full examiner’s Board Meeting for the programme.

10. Failures:
No candidate shall be allowed to repeat the Course.
A candidate failing in not more than 4 units may be allowed to sit for supplementary Examination under conditions to be approved by the Faculty Board.

11. Allocation of Courses:
A year’s studies are divided to give approximately half the time to required core courses (including one required common course), and half the time for optional courses selected in accordance with a student’s intended specialisation. Course units for the year are allocated as follows:
The nine month instructional period of two semesters:

(a) Core courses
(b) Four course units made up of any combination of particular field of specialisation
(c) Two course units for any approved work conducted by independent study

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>6</td>
</tr>
<tr>
<td>4</td>
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<td>2</td>
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</table>

Total units for 11 months 12

12. Exemption:
Any candidate who has taken any of the required courses at undergraduate level may, at the discretion of the Department, be exempted from such courses. Such a candidate shall enrol in equivalent work related to his needs and such work shall be examined in place of the exempted courses.

13. Independent Study:
The terminal period of 2 months is directed towards the completion of either (1) a research paper or (2) an applied project. The M.A. degree will not be granted until this independent study has been satisfactorily completed.

14. Co-ordinator of postgraduate Studies:
The proposed programme is administered by a co-ordinator of postgraduate studies.

COURSE STRUCTURE

DEPARTMENT OF ECONOMICS

1. Core Courses
   - Economic Development 2
   - Economic Planning 2
   - Quantitative Methods 2

2. Optional Courses (two of the following)
   - Advanced Economic Theory 2
   - International Economics and Development 2
   - Monetary Theory, Policy and Practice 2
   - Industrial Development and Organization 2
   - Financial Management 2
   - Econometrics 2
   - Rural Development 2
   - Transport Economics 2
   - Regional Planning 2

<table>
<thead>
<tr>
<th>Units</th>
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</tbody>
</table>

61
Demography 2
Employment and Incomes in East Africa 2
Another postgraduate course chosen from another Department with the approval of the relevant Heads 2

3. **Independent Study** 2

### DEPARTMENT OF GEOGRAPHY

1. **Core Courses**
   - Methodology of Geographic Research 2
   - Assessment and Use of the Environment in Underdeveloped Economies 2
   - Spatial Organisation in Socialist Societies 2

2. **Optional Substreams (A or B or C) Courses**
   - **A. Use of natural resources**
     - (i) Land as a Resource Base 2
     - (ii) Water and its Utilization 2
   - **B. Regional Organisation**
     - (i) Spatial Planning 2
     - (ii) Rural and Urban Planning 2
   - **C. Geography and Development**
     - (i) Either Land as a Resource Base 2
     - OR Water and its Utilization
     - (ii) Either Spatial Planning 2
     - OR Rural and Urban Planning

3. **Independent Study** 2

### DEPARTMENT OF STATISTICS

1. **Core Courses**
   - Foundation courses in Statistics 2
   - Statistical Theory 2
   - Statistical Methods 2

2. **Optional Courses**
   - Mathematical Statistics 2
   - Probability and Measure Theory 2
   - Advanced Probability Theory 2
   - Stochastic Processes 2
   - Evolutionary and Stationary Random Processes 2
   - Time Series Analysis and Forecasting Techniques 2
   - Numerical Analysis and Computer Programming 2

62
Computer Programming and Data Processing 2
Sampling Theory 2
Design of Experiments, Analysis of Variance and Regression 2
Operations Research 2
Demography 2
Applications of Statistics to Behavioural Sciences 2
Learning Theory 2
Econometrics 2
Mathematical Economics 2
Games and Decisions 2
Biometry 2
Linkage in Heredity 2
Theory of Reliability 2
Optimal Control Theory 2
Theory of Communication and Information 2
Cybernetics 2

3. Independent Study 2

DEPARTMENT OF SOCIOLOGY

1. Core Courses
   Sociological theory and Social practice 2
   Comparative analysis of National and Socialist Development 2
   Methods and Techniques in Social Research 2

2. Optional Courses:
   A. Rural Development
      Comparative Study of Peasant Societies 2
      Socialist Rural Development 2
   B. Urban Sociology
      Urban Structure and Social Morphology 2
      Urban Social Problems in the Third World 2
   C. Sociology of work and Industry
      Social Consequences of Industrialisation 2
      Industrial Organisation and Participation 2
   D. Social Welfare
      Social Welfare and Administration 2
      Criminology and Social Deviance 1
      Urban Social Problems in the Third World 1

3. Independent Study 2
### DEPARTMENT OF POLITICAL SCIENCE

1. **Common Courses, compulsory for both Streams A and B**
   - PS 400: Social Science Research Methods 2
   - PS 401: Socialist Theories of Development 2

2. **Optional Courses**
   Students are required to select three papers from either of the streams in which they are registered. Each paper is a full course carrying two units.

### STREAM A
**M.A., DEVELOPMENT MANAGEMENT**
- PS 402: Public Policy and Development Planning 2
- PS 403: Comparative Management Theories 2
- PS 404: Management of Rural Development 2
- PS 405: African Politics and Modernization Process 2

### STREAM B
**M.A., INTERNATIONAL RELATIONS**
- PS 405: African Politics and Modernization Process 2
- PS 406: International Relations Theory 2
- PS 407: African International Relations 2
- PS 408: International Economics and Trade 2
- PS 409: International Law 2

3. **Independent Study**
   - 2

### DEPARTMENT OF MANAGEMENT AND ADMINISTRATION

1. **Core Courses**
   - Applied Industrial Economics and Planning 2
   - Human Behaviour in Organisations 1
   - Business Statistical Methods 1
   - Administration Functions in Management 2

2. **Optional Courses**
   A. **Production**
      - Production Planning 1
      - Inventory Management 1
      - Production Scheduling and Control 1
      - Small Scale Production Organisation 1
B. Marketing
   Advanced Marketing Management 1
   Transportation and Warehousing 1
   Market Research 1
   Import-Export Marketing 1
   Price-Formation 1

C. Personnel
   Labour Relations 1
   Organisation Theory 1
   Topics in Personnel Management 1
   Manpower Planning 1

D. Finance
   Financial Institutions 1
   Advanced Public Finance 1
   International Finance 1
   Advanced Business Finance 1

E. Accounting
   Controllership 1
   Advanced Financial and Cost Accounting 1
   Public Accounting Systems 1
   Auditing and Taxation Accounting 1

3. Independent Study 2

DEPARTMENT OF EDUCATION
Postgraduate Studies in Education:
   a) P.G.D.E. (Postgraduate Diploma in Education)
   b) M.A. in Education.

M.A. Programme

The objectives of The M.A. Programme in education are as follows:

   a) To help prepare prospective lecturers, tutors and trainers for posts in Teacher Training Colleges, Adult Education Programmes, and the University of Dar es Salaam.
   b) To train administrators, planners and researchers for the Ministry of National Education and other educational Institutions of Tanzania.
   c) To train specialists in curriculum development and specialists in evaluation, testing, and measurement.
Eligibility for Admission:

In addition to any general requirements of the Faculty of Arts and Social Sciences, to be eligible for admission the candidate must fulfil the following conditions. He must:

1. hold a good Bachelor’s degree or its equivalent;
2. possess at least one year’s experience on the job; (except that exemption may be granted on recommendation of the sponsoring authorities).

Duration:

Students will normally be expected to complete the three parts of the programme within one calendar year. Part-time students may be permitted to take two calendar years to complete the programme.

Content of Programme:

The programme will be made up of three integrated parts:

Part A — Master’s Seminar required of all candidates in the programme.

The work of this seminar will count 50% of the student's load and final mark.

The Master’s seminar will meet three contact hours per week in each of the three terms of the academic year. It will provide candidates with a fundamental grounding in the skills and disciplines necessary for understanding and contributing to the development of education in Tanzania.

Part B — Specialist Tutorial designed for each student in terms of the area in which his/her Master’s Dissertation is to be written.

All full time M.A. (Education) students will complete Part B of the programme simultaneously with Part A. Part time students may be permitted to complete Part B in their second academic year.

The Specialist Tutorial will consist of lectures, reading and library research in selected areas (e.g. Administration, Sociology, Psychology, Community Development, Curriculum and Adult Education) under the supervision of one or more Faculty members of the Department of Education. The Specialist Tutorial will be designed to give each student the broad background in the history, literature and methodologies
necessary to complete the Master's Dissertation undertaken as the final step (Part C) in his/her programme.

**Part C — Master's Dissertation based on an original investigation undertaken under the supervision of a staff member of the Department of Education.**

Parts B and C together will count 50% of the student's load and final mark.

**DEPARTMENT OF FOREIGN LANGUAGES AND LINGUISTICS & DEPARTMENT OF SWAHILI**

**A Core Courses**

1. Phonetics, Phonology and Morphophonology 2
2. Theories of Syntax and Semantics 2
3. Applied Linguistics (for Serving Teachers) 2
   OR
4. Comparative and Historical Linguistics of Africa (for other students) 2

**B Optional Courses**

Each student will take two options, at least one of which must be a language course.

1. Sociolinguistics 2
2. Applied Linguistics 2
3. Psycholinguistics 2
4. Analysis of an African Language 2
5. A comparative Study of Swahili and an African Language 2
6. Comparative and Historical Linguistics of Africa 2

**Language Options**

7. Topics in English Syntax 2
8. Stylistics of English 2
9. Swahili I 2
10. Swahili II 2
11. French I (Subject to demand and availability of Staff) 2
12. French II (Subject to demand and availability of Staff) 2

**C. Independent Study**

Each Course counts for 2 units. At the end of the teaching period (30 weeks) the student will be examined in each of his 5 topics. Each examination will count for 50% and course work for 50%. Afterwards the student will spend two months on the preparation of a short research paper.
In certain cases a student may take only one optional course and submit a longer research paper e.g. a description of his own language (worth 5 course Units).

**DEPARTMENT OF HISTORY**

This new programme will involve research, and writing primarily in the field of Tanzanian economic history, with reading and discussion of recent works in East African history and of teaching problems in schools. The participants in the programme will be drawn mainly from serving teachers of history in Tanzanian schools. Up to six fellowships are available for one year to Tanzanian teachers who have taught history for at least two years since graduation and who intend to continue to teach history in Tanzanian Schools. The programme will last for twelve calendar months beginning July 1975.

**Requirements:**

A good second class honours B.A. degree including History; or its equivalent.

**Application:**

Serving teachers are advised to apply to the Department of History through the Principal Secretary, the Ministry of National Education, P.O. Box 9121 Dar es Salaam, with a copy to the Chief Academic Officer, University of Dar es Salaam, P.O. Box 35091, Dar es Salaam. The closing date for 1975/76 applications is March 15, 1975.

**Area of Specialisation:**

Initially the area students will specialise in is Economic History of Tanzania from pre-colonial times to the present. This is an area of priority in the Department. For the coming years the Department will designate other areas of specialisation to fit in with the Departments' research priority. Students' work for the year will consist of one Seminar paper, a written examination and a long research paper of approximately 25,000 words. To qualify for the award of the M.A. degree it shall be mandatory for the students to receive 50% or more marks in the long research paper. The written examination which will be taken in March will be on Tanzanian Economic History and Theory and Development.

In the 1973/74 programme, the students presented two papers, the first of which was a critique of some aspect of the Secondary School History Syllabus in Tanzania, and the Second concerned an evaluation of five Tanzanian history texts. Both papers will be
dropped this year and will be replaced by an examination and a course paper, each of which will account for 25% of the Students' final marks.

The Lectures and discussions which will provide the basis of the examination course will consist of Tanzanian Economic History and Theory and Development. A number of lectures on the Economic History of Tanzania was conducted last year but the students were not examined. Lectures in theory and Development were also introduced late in the course once it had been realized that the students were weak in these areas of knowledge. It is intended to formalize this section of last year's course by making it examinable. During the course students will be required to present a paper to the class on a section of their interest, which will be written after criticism and presented for examination.

Assessment:
1. Students will be invited to participate in the assessment of individual seminar papers presented and the way each student handled the material available.

<table>
<thead>
<tr>
<th>Marks</th>
<th>50%</th>
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<tbody>
<tr>
<td>2. Research Thesis</td>
<td>25%</td>
</tr>
<tr>
<td>3. Examination in Tanzanian Economic History and Theory and Development</td>
<td>25%</td>
</tr>
<tr>
<td>4. Course Paper</td>
<td>25%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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**DEPARTMENT OF THEATRE ARTS**

**B. Phil. IN THEATRE ARTS**

Course Structure for the one-year post-graduate degree in Theatre Arts

The B. Phil in Theatre Arts will consist of three papers, practical exercises in research methods involving African Theatre forms, and work indicating a satisfactory level of proficiency in one of the arts of theatre—playwriting, acting, directing, or design.

In addition to a knowledge of English, a student must have a knowledge of French or Swahili or some other African language important to the study of theatre in Africa.

In exceptional circumstances, students who have not taken a first degree in Theatre Arts, but who do have a degree in Literature or Language and Linguistics, and who show experience and ability in theatre may be admitted to the course. Additional study in practical theatre may be required of these students.
The course for the B. Phil. will consist of the following:

Course I: Dramaturgy and Theatre Forms: Advanced study in dramatic form, theatres and staging, theory and aesthetics. This study will include the theatres of Africa, Asia, Europe, and the Americas.

Course II: African Theatre: Methods of research and field work in African theatre and dance. A study of modern African drama. This course will be supplemented by the course in African Literature offered by the Department of Literature.

Course III: Drama, Literature, and the History of Ideas: A study of the major philosophic concepts and their relationship to drama and literature. main currents in Asian, African, and European thought, the relationship of drama, literature, theatre and society. This course is the same as that offered by the Department of Literature with a special emphasis upon theatre and the related arts.

Course IV: One of the following
b. Theory and practice of directing.
c. Playwriting.
d. Theory and practice of design
e. Dance theatre.
f. Advanced work in broadcasting and film.

M.A. IN THEATRE ARTS

The M.A. in Theatre Arts will consist of one year beyond the four papers required for the B. Phil.

The candidate will write a thesis on an appropriate subject. In some cases a candidate may be permitted to offer a substantial piece of original writing instead of a research thesis.

The candidate will also be required to take an oral examination in which he will defend his thesis and be examined in his field of specialization as represented by his option in Course IV above.

FACULTY OF ENGINEERING

The Faculty of Engineering comprises the Departments of:
Civil Engineering;
Mechanical Engineering;
Electrical Engineering.
1. Degrees:
The Faculty offers a four year undergraduate course leading to the degree of:
Bachelor of Science, Engineering; BSc. (Eng.)

2. Entrance requirements for the Degree of Bachelor of Science, Engineering, B.Sc. (Eng.)
The minimum requirements for admission are given under “ENTRANCE REQUIREMENTS FOR FIRST DEGREE COURSES”.

3. REGULATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE (ENGINEERING)

A GENERAL REGULATIONS

(i) The student’s performance shall be assessed continuously throughout the course and subject to the approval of the Faculty Board the assessing of students shall include:—tests, project work, laboratory reports and any other similar means. The weight for such continuous assessment for every subject shall be 0.6, and the weight for an examination in every subject shall be 0.4; except that where a subject or subjects is or are not subject to University Examination, continuous assessment shall count for 1.0.

(ii) It shall be the duty of the Department concerned to inform the students at the beginning of the course of the procedure of assessment in each subject that shall be followed in that course. And in particular, where certain subjects are not to be continued into the following year but form part of the continuous assessment of other subjects in the said year, the Department concerned shall inform the students accordingly at the beginning of the course.

(iii) According to the General University Examination Regulations, candidates are required to pass all subjects examined at the end of the respective academic year before proceeding to the following year of study. The passmark in Examinations is “C” and failure is “D” or “E”. In supplementary examinations the highest grade that may be awarded is “C”.

(iv) Each Industrial Training Term shall form part of the
following academic year. The grade obtained in each of the three Industrial Training Terms shall count towards the final degree award.

(v) Where a candidate fails in Industrial Training or in practical tests which are not part of University Examinations, the Faculty Board may decide on the procedure for supplementing.

B. REGULATIONS FOR FIRST YEAR EXAMINATIONS

(i) Workshop training shall be a first year subject.

(ii) There shall be no University Examination in all first year subjects except Development Studies. Except for the subject of Fundamentals of Engineering, all other courses taken during the first year shall be subject to assessment. The results shall count in determining promotion to the second year. If subjects are continued in the second year the assessment of the first year shall form part of the total assessment of this subject at the end of the second year. If subjects are not continued in the second year the Faculty Board may decide that the assessment of this subject contribute to the assessment of a second year subject.

(iii) A student who fails in three or more subjects shall be discontinued, notwithstanding his overall average. All other students will be promoted to 2nd year. For purposes of this regulation, Development Studies shall not be counted as one of such three or more subjects.

C. REGULATIONS FOR SECOND AND THIRD YEAR EXAMINATIONS

(i) All subjects shall be examined in the year of their completion. For subjects extending over two or more years the Faculty Board shall decide upon University Examinations in any other year prior to the year of completion of that subject.

(ii) The promotion of a candidate to the next year of study shall not be affected by any failures in subjects which are not examinable in that year.

(iii) A candidate who fails in four or more courses shall be discontinued forthwith.
(iv) Supplementary Examinations may be taken by any candidate who fails in three or less subjects. A candidate who sits for a supplementary examination and fails in three subjects, shall be discontinued. If a candidate fails in less than three subjects, he shall be allowed to repeat the year.

(v) No student shall be permitted to repeat any year more than once.

D. REGULATIONS CONCERNING FINAL YEAR
(i) Candidates who shall fail in the Final Project shall not be eligible to sit for the final examination in the same year, but shall repeat the final year.

(ii) If a student fails in one or more subjects, he shall sit for supplementary examinations in the subject(s) failed.

(iii) If a student fails in one or more subject(s) done in supplementary examinations, he shall repeat the final year.

(iv) No student shall be allowed to repeat the final year more than once.

E. THE WEIGHTING OF FINAL RESULTS
(i) All examined third and fourth year subjects shall count towards the final results. For the purposes of this regulation, Development Studies shall be deemed a third year subject. Optional subjects shall be treated like any other subject.

(ii) The weighting of examination grades shall be as follows:—

   (i) The total weight shall be 1;
   (ii) The total weight factor of the three Industrial Training Terms shall be 0.1
   (iii) The weight factor of the final project shall be 0.2
   (iv) (a) The total weight factor of all the remaining subjects shall be 0.7
         (b) The weight of each subject contributing to this weight factor shall be proportional to its respective number of hours per week as shall be shown in the curriculum of the 2nd, 3rd and 4th year of the Department concerned.

(iii) All weights shall carry three decimals.
4. COURSE STRUCTURE:
All Departments have a common course in the first year. Thereafter students may choose to specialise in the civil, mechanical or electrical branches according to the number of places available in the Departments. Students will be advised to choose the Department according to the special disposition they have shown in the first year.

During third-year and fourth-year courses students are given the opportunity to choose between additional subjects (options) offered by the Department of the Faculty of Engineering or by other Faculties if these subjects are approved by the Faculty of Engineering.

The courses comprise both theoretical education and practical instruction in the Faculty workshops and in industry. There is a 4th term introduced in the first, second and third year devoted to practical training only. The practicals are part of the course and students will not obtain admission to the following year unless they have completed the practical training successfully.

5. COURSE OUTLINE FOR FIRST DEGREE COURSES

(i) First Year B.Sc. (Eng.)

Common Course For All Departments
EG 100: Workshop Training
ME 101: Engineering Drawing
EG 102: Fundamentals of Engineering
EG 106: Engineering Mechanics
EE 151: Fundamentals of Electrical Engineering
— — Development Studies I E
— — Engineering Mathematics

(ii) DEPARTMENT OF CIVIL ENGINEERING

2nd Year.
CE 206: Engineering Mechanics E
CE 211: Building Construction E
CE 212: Building Materials E
CE 220: Surveying
CE 230: Soil Mechanics and Foundation Engineering
CE 240: Hydraulic Engineering
CE 250: Transportation Engineering
— — Development Studies II E
— — Engineering Mathematics E
— — Physics Practicals
3rd Year.
CE 320: Surveying Practicals
CE 330: Soil Mechanics and Foundation Engineering
CE 340: Hydraulic Engineering
CE 350: Transportation Engineering
CE 360: Structural Engineering
CE 313: Computer Programming
— — Options

4th Year. Two subjects out of:
CE 440: Hydraulic Engineering
CE 450: Transportation Engineering
CE 460: Structural Engineering
PLUS
CE 414: Construction Management and Site Organization
— — Options
— — Final Project

(iii) DEPARTMENT OF MECHANICAL ENGINEERING

2nd Year.
ME 202: Machine Elements and Design
ME 206: Engineering Mechanics E
ME 211: Strength of Materials E
ME 216: Materials Technology
ME 221: Production Engineering
ME 226: Heat Transfer and Thermodynamics
ME 228: Fluid Mechanics E
EE 253: Fundamentals of Electrical Engineering E
— — Development Studies II E
— — Engineering Mathematics E
— — Physics Practicals

3rd Year.
ME 302: Machine Elements and Design E
ME 316: Materials Technology E
ME 321: Production Engineering
ME 336: Engines
ME 341: Industrial Engineering and Economics
EE 342: Control Engineering E
— — Options E
— — Project
4th Year.

ME 421: Production Engineering E
ME 436: Engines E
ME 441: Industrial Engineering and Economics E
ME 446: Materials Handling E
ME 451: Safety and Maintenance E
— — Options E
— — Final Project E

(iv) DEPARTMENT OF ELECTRICAL ENGINEERING:

2nd Year.

ME 207: Mechanics of Machinery E
EE 211: Electrical Machinery E
ME 217: Electrical Materials Technology E
EE 221: Power Transmission and Distribution E
EE 241: Electrical Measurements E
EE 252: Electrical Networks E
— — Development Studies II E
— — Engineering Mathematics E
— — Physics Practicals E

3rd Year

EE 311: Electrical Machinery E
EE 321: Power Transmission and Distribution E
EE 331: Telecommunications E
EE 332: Electronics E
ME 341: Industrial Engineering and Economics E
EE 342: Measurement and Control Engineering E
— — Options E
— — Project E

4th Year.

EE 421: Power Plants E
EE 431: Telecommunications E
EE 441: Control Engineering E
ME 441: Industrial Engineering and Economics E
ME 451: Safety and Maintenance E
— — Options E
— — Final Project E

EXPLANATORY NOTE ON CODING OF COURSES

Code consists of five digits:
1st and 2nd identify the Department (or Faculty if it is a Faculty course).
Codes are as follows:
EG — Faculty of Engineering
CE — Department of Civil Engineering
ME — Department of Mechanical Engineering
EE — Department of Electrical Engineering

3rd identifies the year of the course.
4th and 5th identify the different courses within a Department
(or Faculty if it is a Faculty course)
(E denotes a University Examination in the subject)

POST GRADUATE PROGRAMME

Post graduate studies by course work are not likely to come into effect in this Faculty before completion of the first undergraduate programme, i.e. in 1977.

However, facilities are available in the Faculty for higher degrees (M.Sc. (Engineering) or Ph.D.) by research and thesis. The individual programmes currently existing in the Faculty are mainly meant for teaching staff of the Faculty doing their research work on part time basis.

FACULTY OF LAW

The Faculty of Law prepares students for the degree of Bachelor of Laws (LL.B.), for the post graduate Diploma in Law, for the Certificate in Law and for the following higher degrees:

Master of Laws .......LL.M.
Doctor of Philosophy...Ph.D.
Doctor of Laws......LL.D.

REGULATIONS FOR THE DEGREE OF BACHELOR OF LAWS

ENTRANCE REQUIREMENTS

The minimum requirements for admission are given under “ENTRANCE REQUIREMENTS FOR FIRST DEGREE COURSES.”

Course of Study
The LL.B. Course is normally completed in three consecutive years of full-time study in residence with examinations at the end of each year. (Correspondence courses are not currently
Candidates who already hold, or have examinations towards a qualification in law which has been approved by the Senate may be exempted from some of the examinations as determined by the Senate, and may be permitted to pursue a course of study of not less than one year which shall be the final year.

It should be noted that the optional subjects in the Second and Third Years are not all available every year, and the Dean will advise students at the end of each academic year regarding the subjects to be offered in the following year.

EXAMINATION PROGRAMME

First Year
Examinations in the following five subjects:—
Constitutions and Legal Systems in East Africa.
Law of Contract.
Criminal Law and Procedure.
Development Studies.
Legal Method.

(Note: First year examinations in the Faculty of Law carry no weighting in the final degree result)

Second Year
Examinations in the following five subjects and one further subject selected from the list of options with the approval of the Dean of the Faculty:—
Law of Torts.
Land Law.
Administrative Law.
Evidence.
Development Studies

List of Options:—
(See List of Third Year Options Below):
(Note: Second and Third Year Examinations are University Examinations and count in the assessment of the final degree result. In compulsory subjects up to 25% of the final marks can be awarded on the basis of course-work and in optional subjects up to 100% can be awarded for course-work).

Third Year
Examinations in the following subjects together with a
Research Paper on a subject selected by the student in consultation with the appropriate lecturer:—
Jurisprudence
Civil Procedure.

And two subjects selected from the following list of options with the approval of the Dean of the Faculty:—
International Law.
Family Law.
Commercial Law.
Succession and Trusts.
Law of Associations.
Conflict of Laws.
Constitutional Law.
Islamic Law.
Criminology and Penology.
Civil Law Systems.
Legal Aspects of International Trade and Investments.
Conveyancing.
Tax Law.
Law and Development.
Public Enterprises and Co-operatives.
Labour Law.

All selections to be done with the approval of the Dean of the Faculty, and no subjects passed in Second Year may be taken in Third Year.

POSGRADUATE STUDIES PROGRAMME IN THE FACULTY OF LAW

Aims and Objectives
1. The postgraduate programme in continuing the teaching of law from the socio-economic and historical approach of the undergraduate programme, aims at an advanced knowledge of the chosen subjects through a more intensive and broader theoretical grounding, with a view to producing an all-round society-conscious lawyer.

2. Eligibility for Admission
To be considered for admission to the programme for the Master of Laws, a candidate must have satisfied the requirements for the award of LL.B. (Hons). (Dar), or its equivalent, or, having been registered as a candidate for the Diploma in
Law, has, after successfully passing the examinations for the Diploma and on the recommendation of the Faculty Board and with the special permission of the Senate, been re-registered as a candidate entitled to complete the requirements for the degree of Master of Laws.

Among matters to be taken into account in considering candidates’ applications for admission shall be the availability of adequate and effective supervision of the candidates, the range of subjects in the courses offered at any given time, and the candidates’ eligibility to pursue the chosen subjects, by reference to courses taken at undergraduate level, or otherwise. (Candidates are accordingly advised to familiarise themselves with syllabus requirements for the courses selected).

3. Course of Study

(a) A candidate shall select his subjects from those offered for the degree of Bachelor of Laws, provided that:—

(i) he may not pursue an undergraduate course in a subject he has already taken for his LL.B. degree though he may offer an advanced course in that subject, and

(ii) he must choose Jurisprudence as one of his subjects if he had not taken it for his LL.B. degree.

(b) In the postgraduate programme a dominant emphasis shall be placed on research activity on the part of the candidate and the advanced courses shall be covered through seminars, tutorials and supervision. Preparation for the degree will be by following the course of study as is prescribed by the Faculty Board to enable the candidate to satisfy the examiners as set out in the scheme of examination below. In exceptional cases, and with the approval of the Faculty Board, a candidate who has completed the requirements for the Diploma in Law of this University or a degree of Bachelor of Laws or its equivalent may proceed to the degree of Master of Laws by submission of a dissertation alone without coursework and/or formal examinations.

(c) A candidate shall choose his subjects to satisfy the Scheme of Examination set out immediately below in consultation with the Chairman. The subject of study/research topic
chosen by a candidate must be approved by the Faculty Board and the Senate.

(d) A candidate must pursue his studies under the guidance of his supervisor appointed in accordance with the University Regulations.

4. Duration

(a) A candidate must pursue an approved programme of study involving full-time attendance for one Calendar Year or two Academic Years, or Part-time attendance for two or three Academic Years. Part-time attendance shall involve as much attendance as in the opinion of the Faculty Board is required for a candidate to satisfactorily fulfill the requirements of the degree.

(b) No candidate may be registered for the Master's degree for more than three years after registration if he is a full-time candidate or for more than four years after registration if he is a part-time candidate, except on the recommendation of the Faculty Board and with the approval of the Senate.

5. Assessment

A candidate must satisfy the examiners in:—

(i) two approved subjects if pursuing a full-time course for one calendar year. (The examination may be by coursework and/or examination papers but examination in advanced courses shall normally be by coursework papers and in addition oral examinations by a panel of examiners if deemed necessary; and

(ii) a dissertation.

6. The advanced courses referred to in section 3 (b) above under the sub-heading entitled “Course of Study”, shall include the following courses whose respective contents are spelt out below. This list of advanced courses is not exhaustive but shall be augmented as and when need arises, subject to approval by Senate.

7. Brief Description of the Advanced Courses.

1. Criminal Law

Covering eight main areas* and involving research and submission of two coursework papers written on any two of the eight areas.
2. **Family Law**  
Covering six main areas*. The course involves the writing of two coursework papers on any of the six areas, conducting undergraduate seminars and service on the Legal Aid Committee of the Faculty whenever possible.

3. **Land Law**  
Three papers of not less than 35 pages each, on topics selected from eight given areas*.

4. **Labour Law**  
Covering five main areas, a substantial part of which shall be done through research and coursework.

5. **Commercial Law**  
which includes the following subjects only one of which may be taken at advanced level.

   (a) **Insurance Law and Practice of East Africa**  
      (i) The historical origin, development and function of Insurance; The political Economy of Insurance Law and Practice.
      (ii) The Nature and Scope of Insurance Law and Practice or Business.
      (iii) Specialized study and coursework papers in any three out of five given topics*.

   (b) **Banking Law and Practice of East Africa**.
      (i) The historical origin, development and function of Banking—The Political Economy of Banking Law and Practice.
      (ii) The development of banking and credit law and practice in East Africa.
      (iii) Specialized study and coursework papers in any three out of five given topics.*

   (c) **Sale of Goods**  
      (ii) Law of sale of Goods and its relation to certain other laws
      (iii) Special study and coursework papers in any three out of five given topics.*
6. **Public Enterprises and Co-operatives**
which includes the following three subjects. The examination requirement is 3 coursework papers, two of which must be chosen from any one subject and one from either of the other two subjects:

(i) Public Enterprise Law  
(ii) Company Law  
(iii) Co-operatives Law.

7. **International Law**
which includes the following subjects, of which, I and II are compulsory; one other subject must be selected from among the rest of the subjects.

I. Legal Aspects of Trade and Investment.  
   (i) International Trade and Finance theories and Practice up to 1939.  
   (ii) The Multi-lateral Post-War Economy Arrangement.  
   (iii) Regional Arrangement in world Trade and Investment.  
   (iv) International Trade in Primary Commodities

II. The Law of Treaties.  
III. The Law of the Sea  
IV. The Law of International Organizations  
V. The Law of Human Rights.  
VI. The Law of Armed Conflict.

* The topics and areas are given in detail in the Post Graduate Studies Programme of the Faculty of Law which is available on request from the Dean, Faculty of Law P.O. Box 35093, DAR ES SALAAM, and in the University Calendar.

**FACULTY OF MEDICINE**

1. The Faculty offers:
   (i) An educational programme designed to produce clinically competent general practitioners with a good scientific background and a community orientation.
   (ii) A training programme designed to produce competent Pharmacists qualified by general International standards.

2. Minimum entry requirements include *inter alia* education to the Advanced Level G.C.E., or equivalent, in Physics,
Chemistry and either Zoology or Biology, and passes at the "A" Level in at least two of these subjects and at Subsidiary level in the other.

3. (i) **Medical Studies** consist of a six year programme (5 leading to the M.D. Degree at the University, and a year's internship at an approved Hospital). The first 3 years of the University Course, while largely academic, include field and Community training. The next two years are largely practical and consist of intensive training in rotating clerkships.

(ii) **Pharmacy Training** consists of a 3 year course leading to the B. Pharm. degree of the University of Dar es Salaam.

4. **Assessment and Examinations:**—(MEDICAL)
   
   A. Students are assessed by frequent class tests during the academic session and at the end of the academic year. Up to 75% of the total marks (which determine pass or failure) are allocated to course work and class tests. The remaining 25% (or more) is based on the results of the annual examinations.

   B. The Medical examination programme is as follows:—

   **End of 1st Year:**
   
   (1) Anatomy and Histology.
   (2) Physiology.
   (3) Behavioural Sciences.
   (4) Biochemistry.

   **End of 2nd Year:**
   
   (1) Pathology.
   (2) Clinical Physiology.
   (3) Microbiology/Immunology.
   (4) Parasitology/Entomology.
   (5) Epidemiology.

   **End of 3rd Year:**
   
   Pharmacology. (Internal examination; failures must repeat examination until successful).

   **End of 4th Year:**
   
   No examinations; each rotation must be completed successfully.

   **End of 5th Year:**
   
   (1) Medicine and therapeutics.
(2) Surgery (including E.N.T., OPHTH., ANAESTH., RADIOLOGY).

(3) Social and Community Health.

(4) Obstetrics and Gynaecology and therapeutics.

(5) Child health and therapeutics.

(6) Psychiatry.

C. Promotion:
Students must complete all subjects successfully. In the First, Second and Fifth years, if one, or at most two, subjects are failed, the Faculty Board may allow the student to sit for a supplementary examination. In general, a student is not permitted to repeat any year except the Fifth. In all years, all work must be satisfactorily completed prior to admission to the Final Examination at the end of Year 5.

5. Teaching Programme (Pharmacy):

1st Year:
(a) Students must complete the agreed courses in Chemistry and Biology and satisfy the examination requirements in these subjects.

(b) Students should attend lectures and practicals in Pharmaceutics, Pharmaceutical Chemistry, Physiology, Bacteriology and Histology.

(c) Students should pursue a course in Mathematics at the Faculty of Science.

(d) Students should undertake a field project in regional dispensaries preferably with the assistance of the Department of Community Health.

2nd Year:
(a) Physiology/Pharmacology and Biochemistry.

(b) Pharmaceutical Chemistry.

(c) Pharmaceutical Microbiology/Immunology.

(d) Pharmaceutics (Physical & technical aspects).

3rd Year:
(a) Pharmacology Laws relating to Pharmacy and Pharmacognosy.

(b) Pharmaceutical Chemistry and Pharmaceutics.
6. **Examinations:**

There will be an examination at the end of each year in each of the subjects studied that year and a final examination at the end of the third year.

**FACULTY OF MEDICINE POSTGRADUATE STUDIES:**
The Faculty has facilities to enable students to undertake advanced work and research for: B.Sc. (Honours); M.Med.; M.Sc.; Ph.D. and D.Sc. of the University of Dar es Salaam.

**REGULATIONS FOR THE B.Sc. HONOURS DEGREE COMMON TO ALL DISCIPLINES**

1. This degree may be awarded in any of the Basic Medical Science subjects after completion of the prescribed course in the particular subject.

2. The following shall be eligible to undertake the course leading to the degree, only those:—

   (a) who wish to train as teachers in those subjects in this Faculty, and

   (b) who have completed the first three years of the M.D. course of the University and have scored a credit or distinction in the subject chosen. They may take the course immediately after the 3rd year and complete the M.D. course later, or may take this course after obtaining the M.D. degree.

   (c) Other candidates may be accepted if approved by Senate.

3. The length of the course shall be one academic year corresponding to the Biomedical Science Division academic year, when taken in this University.

4. This course may be taken here or in any other University approved by the Senate for this purpose where the Faculty of Medicine specifically assigns particular students to take such a course, in which case prior permission must be obtained from the Senate before a candidate proceeds to that other University to commence the course.

5. **Examinations:**

   (a) Details spelt out under the individual subject regulations where necessary.
(b) Examiners will include at least one external examiner in each subject.

6. To qualify for the award of this degree candidates shall:—
   (a) Have completed a course of study in the subject, the detailed syllabus of this course must have been previously approved by the Faculty Board of Medicine.
   (b) Sit and pass an examination consisting of a written examination, a practical examination and an oral examination.
   (c) Submit a dissertation for examination and the candidate shall defend the dissertation orally. This dissertation shall be submitted at least two weeks before the commencement of the examination. The dissertation may be:
      (i) A review of the literature on a topic of his choice in that subject, or
      (ii) Personal observations made by the candidate on the topic of his choice in that subject during the course.

7. A candidate who fails at the end of the course of study, may on the recommendation of the Board of the Faculty of Medicine, be permitted to resit the examination after a period of time specified by the same Board.

8. The course of study for any candidate may be terminated on the recommendation of the Faculty Board of Medicine.

REGULATIONS FOR THE MASTER OF MEDICINE DEGREE (M.MED.) IN THE FACULTY OF MEDICINE

A. REGULATIONS COMMON TO ALL DISCIPLINES

1. The degree may be awarded for work in the fields of Internal Medicine, Surgery, Obstetrics/Gynaecology, Child Health, Community Health, Clinical Pathology, Ophthalmology and such other fields as may be approved from time to time.

2. The following shall be eligible for the degree:
   (a) Any Doctor of Medicine (M.D.) of the University who complies with the regulations set out hereunder.
   (b) Any medical graduate of any other recognised University who has been admitted to the Status of Doctor of Medicine and who complies with the regulations set out hereunder.
3. A candidate for the degree may register for the appropriate course not less than two years after the award of the M.D. degree or its equivalent. One of these two years must be an approved internship and one year in an approved hospital appointment preferably in an upcountry station.

4. The prescribed course in each discipline shall be of not less than three calendar years duration, but residents will be given 1 month leave in each calendar year.

5. Examinations:
   (a) The examination for the degree shall be set out in accordance with the regulations appertaining to the individual disciplines.
   (b) The examination shall be conducted by a Board of Examiners appointed by the Senate on the recommendation of the Faculty Board of Medicine. The Board of Examiners shall include at least one relevant external examiner.
   (c) Candidates shall not submit themselves for examination on more than three consecutive occasions, and thereafter shall do so only at such intervals as shall be determined by the Board of the Faculty of Medicine.
   (d) At any stage in the course if a Department recommends that a particular candidate is unsuitable to continue with the course, this recommendation will be considered by the Postgraduate Committee, if approved then by the Faculty Board, if approved then by the Senate.

6. The procedure and fees for registration and for the examinations shall be the same as those for post-graduate doctorate degrees in the University as prescribed by the University, in force at the material time.

7. Part of the prescribed course may be taken outside the Faculty of Medicine at an approved Institution provided always that:
   (a) In each Individual case the Faculty Board of Medicine shall petition Senate for approval
   (b) Senate shall be satisfied that such an arrangement shall fulfil all the regulations and requirements for this degree.
   (c) Senate approval will not be needed where it is specified in the regulations, that part of any course shall be taken at an Institution outside the Faculty.
B. ADDITIONAL REGULATIONS COMMON TO INTERNAL MEDICINE, GENERAL SURGERY, CHILD HEALTH, OBSTETRICS/GYNAECOLOGY

1. There are six defined Biomedical Science core courses for clinical postgraduate students. Each Department shall decide as to how many and which of these courses their candidates shall take, provided these are not less than two and are more than five.

2. A candidate will not appear for the final examinations until he has satisfactorily completed the prescribed Biomedical Science core courses, and passed the relevant examinations in those courses.

REGULATIONS FOR THE DEGREE OF MASTER OF SCIENCE (M.Sc.) IN THE FACULTY OF MEDICINE

The University regulations for the M.Sc. degree will also apply to this Faculty.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D) IN THE FACULTY OF MEDICINE

1. The following shall be eligible for the degree of Doctor of Philosophy in the Faculty of Medicine.
   (i) Any Doctor of Medicine (M.D) of the University of not less than four years standing,
   (ii) Any graduate of this or any other recognised University who has been admitted to the status of Doctor of Medicine, and who has held the qualification by virtue of which such admission has been granted for not less than four years.
   (iii) Any graduate of this or any other University who holds a recognised graduate degree.

2. A candidate for the degree shall be required to pursue at this University or other place approved by the Senate for the purpose an approved course of special study or research of not less than two calendar years duration on some subjects of the Biomedical Sciences or the Clinical Science or the Community Health Sciences.
3. The common Regulations for the Degree of Doctor of Philosophy in all Faculties shall also be of effect for the degree in this Faculty of Medicine, so will the regulations for submission of thesis in the University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc) IN THE FACULTY OF MEDICINE

The regulations of the University for higher Doctorates will apply.

FACULTY OF SCIENCE

INTRODUCTION:
The Faculty of Science comprises the Departments of Botany, Chemistry, Geology, Hydrology, Mathematics, Physics, and Zoology.

1. Degrees Offered:
The Faculty offers a three Year undergraduate course leading to the degrees of Bachelor of Science, Bachelor of Science (with Education), Bachelor of Science (Applied Hydrology), and Bachelor of Science (Geology).

There are facilities for higher degrees and the following degrees are offered:
- Master of Science (M.Sc.)
- Doctor of Philosophy (Ph.D.) and
- Doctor of Science (D.Sc.)

REGULATIONS FOR THE B.Sc. DEGREE

The Faculty of Science will introduce a Course Unit System of study with effect from the 1975/76 session.

Each subject offers a variety of courses, including some core courses and some electives, and each course is given a unit weighting according to the time devoted to it in the timetable, 10 one-hour lectures or 10 two-three hour practical classes constituting one unit. Thus, for example, a course consisting of 20 lecturers and 10 three-hour practical classes is a three-unit 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 the course.

GENERAL REGULATIONS

1. A minimum of 130 units must be completed in order to qualify for the award of the B.Sc. or B.Sc. (with Education) degree. These will normally be completed in three years of study.
2. Every student except those in the Hydrology and Geology streams will be required to study two major subjects.

3. **Majoring** in a subject shall involve completing at least 40 units, including all the prescribed core courses, in that subject. Where any course is prescribed as a core course for more than one major subject it may be counted towards the 40 units for either but not both subjects.

4. **Mathematics** may be counted as two subjects (Pure and Applied Mathematics) for this purpose, provided that certain pre-requisites are met and prior permission is obtained from the Head of the Department. In this case, at least 80 units must be completed.

5. All B.Sc. (with Education) students must complete the prescribed courses in Education (24 units).

6. All students must pass the core courses in Development Studies (12 units).

7. A student must include in his degree programme at least 30 units in the 300 series and not more than 55 units in the 100 series.

8. A student is required to register for courses totalling at least 45 units per session unless he has already completed more than 85 units, in which case he shall be required to register for the remainder necessary to complete his degree programme.

9. In addition to the core courses required for his major subjects, Development Studies and Education, a student may choose as an elective any approved course for which he can meet the pre-requisite/co-requisite requirements and which is compatible with his timetable*.

10. In certain circumstances, and with the prior approval of the Dean, courses offered in other Faculties may be included in the programme.

11. At the commencement of the session every student shall, in consultation with his Personal Adviser, map out his course programme for the session. A course programme shall be

* In general, such courses should be chosen from:
(a) elective courses in one or both of the major subjects;
(b) 100-series courses in related subjects;
(c) 200-300-series courses in a related subject in which some 100-series courses have already been completed.
subject to approval by the Heads of the Subjects in which the student intends to major and by the Dean of the Faculty. The Dean's approval shall constitute formal enrolment for all the courses listed in the programme.

12. No student will be permitted to commence or to withdraw from any course more than 3 weeks after the first day of the week in which its first class session is held except, in the latter case, where his enrolment in the Faculty ceases.

13. B.Sc. and B.Sc. (with Education) students should select two major subjects from the following list:

- Mathematics (MT)
- Physics (PH)
- Chemistry (CH)
- Botany (BT)
- Zoology (ZL)
- Marine Biology and Oceanography (MB)
- Wildlife Ecology and Management (WE)

A major may be taken in one of the following subjects in the Faculty of Arts and Social Sciences, *in lieu* of one of the above, so long as the regulations for majoring in a subject in that Faculty are fulfilled:

- Statistics (ST)
- Economics (EC)
- Geography (GE)

**Mathematics** may be counted as 2 subjects (see 4 above).

**Wildlife Ecology and Management** may only be taken with Zoology. **Marine Biology and Oceanography** may only be taken with Zoology or Botany or Chemistry; **Economics** may only be taken with **Mathematics**.

**Statistics, Marine Biology and Oceanography, and Wildlife Ecology and Management** may *not* be taken by Education students.

Recommended combinations are:

- Physics with Mathematics
- Chemistry with Mathematics
- Chemistry with Physics
- Mathematics with Statistics
Botany with Zoology
Botany with Chemistry
Zoology with Chemistry.

14. B.Sc. (Geology) and B.Sc. (Applied Hydrology) students will take all the courses specified by the respective Departments.

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 test and a course-work assessment of up to 25%, or, with the approval of the Senate, it may include a course-work assessment of up to 100%, provided that where it exceeds 25% the assignments on which it is based shall be available for scrutiny by the External Examiner.

16. Course grade, multiplied by the appropriate unit weighting, will be accumulated over the (three) years of study and will form the basis of the assessment for the degree.

17. Where a student has completed courses totalling more than 130 units, he shall have one or more elective courses excluded from his assessment. The assessment will be based on the best 130 units provided that regulation 1 to 7 are fulfilled.

18. A student who fails to complete courses totalling 33 units with an average grade of C (2.0) during his first year of study shall be discontinued. Likewise, a student who fails to complete 65 units with an average grade of C by the end of his second year of study shall be discontinued.

19. Supplementary examinations will be held once each year, prior to the commencement of the session, for all courses examined during the previous session. Any student who has qualified to continue his studies (see 18 above) shall be entitled to sit for a supplementary examination in any course in which he has failed. The highest grade awarded in a supplementary examination shall be C. Course-work assessment will be carried over to the supplementary examinations.

20. No student will be enrolled in a course for which he has not fulfilled the prerequisites. A course for which an E grade is obtained may not be counted as fulfilling a prerequisite for any course except a course in the same series taken during the same session.
21. A student who has qualified to continue his studies may re-enrol in any course in which he has failed, except that no student may re-enrol for a course which he has already taken twice.

**CORE COURSES**

**MATHEMATICS**

(a) As one major subject taken with Physics or Chemistry.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
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<td>Analysis 1</td>
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</tr>
<tr>
<td>MT 102</td>
<td>Analysis 2</td>
<td>3</td>
</tr>
<tr>
<td>MT 103</td>
<td>Analysis 3</td>
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<tr>
<td>MT 107</td>
<td>Vectors</td>
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</tr>
<tr>
<td>MT 109</td>
<td>Numerical Methods</td>
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</tr>
<tr>
<td>MT 110</td>
<td>Differential Equations 1</td>
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</tr>
<tr>
<td>MT 201</td>
<td>Advanced Calculus</td>
<td>2</td>
</tr>
<tr>
<td>MT 203*</td>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MT 204</td>
<td>Sets and Logic</td>
<td>2</td>
</tr>
<tr>
<td>MT 205</td>
<td>Matrices and Transformations</td>
<td>2</td>
</tr>
<tr>
<td>MT 207</td>
<td>Vector Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MT 213</td>
<td>Mechanics 1</td>
<td>3</td>
</tr>
<tr>
<td>MT 303</td>
<td>Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MT 325</td>
<td>Project</td>
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</tr>
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</table>

(b) As one major subject taken with Statistics or Economics

<table>
<thead>
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<tr>
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<td>Analysis 2</td>
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<td>MT 103</td>
<td>Analysis 3</td>
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<td>MT 107</td>
<td>Vectors</td>
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<td>MT 109</td>
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<td>MT 110</td>
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<td>Advanced Calculus</td>
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<tr>
<td>MT 204</td>
<td>Sets and Logic</td>
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<tr>
<td>MT 205</td>
<td>Matrices and Transformations</td>
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<tr>
<td>MT 208</td>
<td>Computing 1</td>
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</tbody>
</table>

* ST 200 may be taken instead of MT 203

** A comprehensive list of and detailed information on all courses offered in the Faculty of Science is available in the Faculty Handbook which can be obtained from:

The Dean's Office,
Faculty of Science,
P.O. Box 35065,
DAR ES SALAAM.
MT 209  Computing 2  3
MT 301  Numerical Analysis 1  3
*MT 304  Mathematical Statistics  3
MT 325  Project  3

(c) **As two major subjects**
MT 104  Real Analysis 1  3
MT 105  Real Analysis 2  3
MT 106  Real Analysis 3  2
MT 108  Vectors/Calculus  3
MT 109  Numerical Methods  3
MT 202  Advanced Analysis  3
MT 203  Statistics  3
MT 204  Sets and Logic  2
MT 205  Matrices & Transformations  2
MT 206  Linear Algebra  2
MT 207  Vector Analysis  3
MT 208  Computing 1  3
MT 209  Computing 2  3
MT 210  Differential Equations 2  3
MT 211  Linear Programming 3  2
MT 213  Mechanics 1  3
MT 301  Numerical Analysis  3
MT 303  Algebra  3
MT 304  Mathematical Statistics  3
MT 306  Special Functions  3
MT 309  Axiomatic Geometry  3
MT 311  Topology 1  3
MT 312  Group Theory  3
MT 313  Complex Variable 1  3
MT 315  Functional Analysis  3
MT 324  Complex Variable 2  3
MT 330  Project  3

**PHYSICS**
PH 111  Mechanics 1  3
PH 115  Practicals 1.1  1
PH 121  Electricity and Magnetism  3
PH 125  Practicals 1.2  2
PH 131  Heat and Kinetic Theory  1
PH 132  Vibrations and Waves  2
PH 135  Practicals 1.3  2

*ST 300  may be taken instead of MT 304*
<table>
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<tr>
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<td>PH 212</td>
<td>A.C. Circuits</td>
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<tr>
<td>PH 213</td>
<td>Electronics 1</td>
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<tr>
<td>PH 315</td>
<td>Practicals 2.1</td>
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<td><strong>PH 221</strong></td>
<td>Electromagnetism</td>
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<tr>
<td>PH 222</td>
<td>Physical Optics</td>
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<tr>
<td>PH 225</td>
<td>Practicals 2.2</td>
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</tr>
<tr>
<td>PH 231</td>
<td>Modern Physics</td>
<td>2</td>
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<tr>
<td>PH 232</td>
<td>Thermal Physics</td>
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</tr>
<tr>
<td>PH 311</td>
<td>Quantum Mechanics</td>
<td>2</td>
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<tr>
<td>PH 315</td>
<td>Practicals (Electronics)</td>
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<tr>
<td>PH 321</td>
<td>Solid State Physics</td>
<td>2</td>
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<tr>
<td>PH 322</td>
<td>Atomic Physics</td>
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<tr>
<td>PH 325</td>
<td>Practicals (General)</td>
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<tr>
<td>PH 331</td>
<td>Nuclear Physics</td>
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<td>PH 332</td>
<td>Electromagnetic Waves</td>
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**CHEMISTRY**

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
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<td>General and Analytical Chemistry</td>
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</tr>
<tr>
<td>CH 102</td>
<td>General and Analytical Chemistry Practicals</td>
<td>2</td>
</tr>
<tr>
<td>CH 103</td>
<td>Physical Chemistry</td>
<td>3</td>
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<tr>
<td>CH 104</td>
<td>Physical Chemistry Practicals</td>
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</tr>
<tr>
<td>CH 105</td>
<td>Organic Chemistry</td>
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<tr>
<td>CH 106</td>
<td>Organic Chemistry Practicals</td>
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<tr>
<td>CH 107</td>
<td>Inorganic Chemistry</td>
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<tr>
<td>CH 201</td>
<td>Chemical Thermodynamics</td>
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<tr>
<td>CH 202</td>
<td>Electrochemistry</td>
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<tr>
<td>CH 203</td>
<td>Structure and Chemical Bonding</td>
<td>1</td>
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<tr>
<td>CH 204</td>
<td>Spectroscopy and Structure</td>
<td>2</td>
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<td>CH 205</td>
<td>Stereochemistry</td>
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<td>*CH 206</td>
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<td>Aromaticity &amp; Aromatic Compounds</td>
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<td>CH 209</td>
<td>Chemistry of Non-Metals</td>
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<td>CH 211</td>
<td>Practicals</td>
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<td>CH 312</td>
<td>Instrumental Methods of Chemical Analysis</td>
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<td>CH 301</td>
<td>Co-ordination Chemistry</td>
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<td>CH 302</td>
<td>Chemical Kinetics &amp; Mechanism</td>
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<tr>
<td>CH 311</td>
<td>Practicals</td>
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</table>

***MT 213 may be taken instead of PH 211

** MT 324 may be taken instead of PH 221

* includes a 1-week vacation field course.
### BOTANY

<table>
<thead>
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<td>Genetics 1</td>
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<tr>
<td>BL 103</td>
<td>Concepts of Ecology</td>
<td>2</td>
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<tr>
<td>BL 104</td>
<td>Biostatistics 1</td>
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<tr>
<td>CH 112</td>
<td>Chemistry for Biology Students</td>
<td>3</td>
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<tr>
<td>BT 101</td>
<td>Plant Morphology</td>
<td>6</td>
</tr>
<tr>
<td>BT 201</td>
<td>Whole Plant Physiology</td>
<td>3</td>
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<tr>
<td>BT 203</td>
<td>Mycology</td>
<td>3</td>
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<tr>
<td>BT 204</td>
<td>Plant Cytology</td>
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<tr>
<td>BT 205</td>
<td>Phycology 1</td>
<td>3</td>
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<tr>
<td>BT 206</td>
<td>Flowering Plant Families</td>
<td>3</td>
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<td>BT 208</td>
<td>Field Course</td>
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<tr>
<td>GE 100</td>
<td>Background to Physical Resources</td>
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### ZOOLOGY

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<tr>
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<td>BL 104</td>
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<td>ZL 204</td>
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<td>ZL 205</td>
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<tr>
<td>ZL 301</td>
<td>Cell &amp; Molecular Biology</td>
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<td>Evolution</td>
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<tr>
<td>ZL 307</td>
<td>Behaviour 1</td>
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<tr>
<td>*ZL 312</td>
<td>Marine Biology</td>
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### MARINE BIOLOGY AND OCEANOGRAPHY

<table>
<thead>
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</tr>
<tr>
<td>ZL 101</td>
<td>Animal Kingdom 1</td>
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</table>

*ZL 312 not to be taken by students majoring in Marine Biology and Oceanography.*
In addition to the above Core Courses B.Sc. students, other than those taking Education, will have to fulfil the requirements of the Fourth Term Practical Training in Industry in order to qualify for the B.Sc. degree award.

### GEOLOGY

<table>
<thead>
<tr>
<th>1st Year</th>
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<tbody>
<tr>
<td>CH 101:</td>
<td>General and Analytical Chemistry</td>
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<tr>
<td>CH 102:</td>
<td>General and Analytical Chemistry practicals</td>
</tr>
<tr>
<td>CH 103:</td>
<td>Physical Chemistry</td>
</tr>
<tr>
<td>CH 104:</td>
<td>Physical Chemistry practicals</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
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</tr>
<tr>
<td>CH 105</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>CH 106</td>
<td>Organic Chemistry practicals</td>
</tr>
<tr>
<td>CH 107</td>
<td>Inorganic Chemistry</td>
</tr>
<tr>
<td>MT 116</td>
<td>Algebra for Science Students</td>
</tr>
<tr>
<td>MT 117</td>
<td>Calculus for Science Students 1</td>
</tr>
<tr>
<td>MT 118</td>
<td>Statistics for Science Students</td>
</tr>
<tr>
<td>MT 119</td>
<td>Calculus for Science Students 2</td>
</tr>
<tr>
<td>PH 110</td>
<td>Mechanics and Heat</td>
</tr>
<tr>
<td>PH 120</td>
<td>Electricity, Magnetism and Light</td>
</tr>
<tr>
<td>PH 130</td>
<td>Elements of Modern Physics</td>
</tr>
<tr>
<td>PH 130</td>
<td>Development Studies</td>
</tr>
<tr>
<td>GY 111</td>
<td>General Geology</td>
</tr>
<tr>
<td>GY 143</td>
<td>Field Work (8 weeks-fourth term)</td>
</tr>
</tbody>
</table>

2nd Year

1. Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY 211</td>
<td>Mineralogy and Petrology</td>
<td>12</td>
</tr>
<tr>
<td>GY 212</td>
<td>Paleontology and Stratigraphy</td>
<td>10</td>
</tr>
<tr>
<td>GY 213</td>
<td>Geochemistry</td>
<td>7</td>
</tr>
<tr>
<td>GY 224</td>
<td>Structural Geology</td>
<td>6</td>
</tr>
<tr>
<td>GY 224</td>
<td>Development Studies</td>
<td>6</td>
</tr>
<tr>
<td>GY 247</td>
<td>Advanced Field Work (8 weeks-fourth term)</td>
<td>—</td>
</tr>
</tbody>
</table>

2. Optional Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY 225</td>
<td>Sedimentology and Marine Geology</td>
<td>5</td>
</tr>
<tr>
<td>GY 226</td>
<td>Geophysical Prospectings 1</td>
<td>5</td>
</tr>
</tbody>
</table>

3rd Year

1. Core Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY 311</td>
<td>Mineral Deposits</td>
<td>14</td>
</tr>
<tr>
<td>GY 312</td>
<td>Geology of Tanzania</td>
<td>6</td>
</tr>
<tr>
<td>GY 313</td>
<td>Prospecting and Exploration Methods</td>
<td>9</td>
</tr>
<tr>
<td>GY 324</td>
<td>Mining Geology</td>
<td>7</td>
</tr>
<tr>
<td>GY 315</td>
<td>Engineering Geology</td>
<td>3</td>
</tr>
<tr>
<td>GY 326</td>
<td>Hydrogeology</td>
<td>6</td>
</tr>
</tbody>
</table>

2. Optional Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY 317</td>
<td>Petroleum Geology</td>
<td>10</td>
</tr>
<tr>
<td>GY 318</td>
<td>Geophysical Prospectings 2</td>
<td>10</td>
</tr>
</tbody>
</table>

**HYDROLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 110</td>
<td>Mechanics and Heat</td>
<td>3</td>
</tr>
<tr>
<td>PH 226</td>
<td>Environmental Physics</td>
<td>2</td>
</tr>
</tbody>
</table>
CH 110: Hydrochemistry and Practical 6
GE 100: Background to Physical Resources 6
HY 110: Cartography 2
MT 116: Algebra for Science Students 3
MT 117: Calculus for Science Students 1 3
MT 118: Statistics for Science Students 2
HY 130: Introduction to Applied Hydrology 2
HY 123: Technical Drawing 4
HY 121: Aerial Photo Interpretation 4
MT 119: Calculus for Science Students 2 2
HY 210: Fluid Statistics and Kinematics 3
HY 220: Fluid Dynamics 3
HY 230: Applied Hydraulics 3
CE 220: Surveying 8
GY 326: Hydrogeology 6
GE 203: Hydrometeorology 6
MT 208: Computing 1 3
HY 241: Hydrometry **
GE 300: Water Resource Development 4
HY 310: Probability and Statistical Methods in Hydrology 3
HY 320: Applied Hydrometeorology 3
HY 330: Applied Hydrology 3
HY 311: Soil, Water Plant Relations 3
HY 321: Irrigation Practice 3
HY 331: Irrigation Structures 3
HY 312: Applied Topics in Hydrology 1 4
HY 322: Applied Topics in Hydrology 2 4
HY 332: Applied Topics in Hydrology 3 4
HY 334*: Systems Analysis 2
HY 335: Third Year Student Project 5

MT 211* May be taken instead of HY 334.

(**) Hydrology students will spend 8 weeks in practical hydrology training under the Regional Water Engineers after their first year of study. At the end of their second year of study Hydrology students will spend 3 weeks in practical hydrometry training at Nyumba ya Mungu Dam, after which they will do 5 weeks of practical work in the Region.
INSTITUTE OF DEVELOPMENT STUDIES

In pursuance of its aim to instruct undergraduates in the problems of National and East African development, the Institute offers a Development Studies Course which is compulsory to all undergraduate students in the University, examinable and counts towards the degree/certificate award. The course seeks to provide a broad interdisciplinary perspective on the development problems of East Africa, and the potential for socialist transformation of the society.

The first section of the Course offers an historical survey of the processes of technological and social change as they have occurred in Africa and the developed world, and of the efforts of East African countries in their attempts to liberate themselves from the political, economic and cultural impact of colonialism. On this basis, the focus in the second section shifts to a more detailed analysis of the development prospects of East Africa, including the international context and the resource base within which they operate, as well as some of the major issues in defining future development strategy.

PART A.

Development in Historical Perspective:

The basis of East Africa’s present underdevelopment. The legacy of pre-colonial African society. Major elements in the development of the modern world and its impact on developing countries—the rise of capitalism, science and industrialization, imperialism. The colonial situation, the technical and social changes that have been under way in East Africa—and the nationalist movements, Socialism, and development experience in socialist countries; self-reliance and socialism in Tanzania.

PART B.

The Challenge of Development:

The problem of underdevelopment, and development strategies in East Africa — socialist change in the economic and social structure and the priorities for rapid growth. The balance between agriculture and industry; prospects for industrialisation; rural development and ujamaa; Social development — health, welfare services, education and national culture. Planning and implementation — the institutional framework.
M.A. IN DEVELOPMENT STUDIES PROGRAMME

Examination Regulations for the Post-graduate Training for the M.A. in Development Studies

1. These Regulations shall be based on and in accordance with the University Regulations for the Master's Degree.

2. Course of Study
   (a) The post-graduate training in Development Studies will consist of:

   (i) Five foundation courses as approved by Senate. These courses will run for 6 months and are compulsory for all full-time students.

   (ii) Undertaking research and writing dissertation during a period of 6 months.

   (iii) An attachment period of 3 months for gathering practical experience in solving socio-economic problems of the socialist development in Tanzania.

   (b) The foundation courses will include lectures and seminar-discussions. The latter shall be used for the continuous assessment of the students' seminar — presentation as a part of the course-work.

   (c) A candidate must pursue his research and writing of the dissertation under the guidance of his supervisor appointed in accordance with the University Regulations. The subject of research topic and dissertation chosen by a candidate must be approved by the IDS Board and Senate.

3. Scheme of Examination:
   The examination for the Master's degree in the IDS shall consist of
   — course-work (including written papers), which shall carry 50% 
   — the dissertation shall carry 40% 
   — a successfully completed attachment period which shall carry 10% 

   (a) Course-work: The pass in course-work presupposes the participation in the foundation courses by full-time students. The final assessment will be based on

   (i) the continuous assessment of the oral seminar presentations (prepared contributions and free discussion) = 50% 

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ii) essays which have to be submitted
   — two in each of the basic courses (Political Economy, Political Thought and Socialist Revolutions)
   — one in each of the other courses (Socialism in Tanzania Socialist Planning and Management, Science and Technology in the Socialist Development of Tanzania)
   = 50%

(b) Dissertation: It shall be based on the individual research (field-work) and show a theoretical mastery and practical application of the basic concepts relevant to the field of study and according to the burning tasks in the socialist development of Tanzania.

(i) The dissertation shall be submitted at the end of the 6 months’ research (field-work) period.

(ii) The dissertation should consist of not less than 25,000 words (appendixes like diagrams, tables, etc, not included). The candidate shall be required to forward to the University with his dissertation an abstract thereof comprising not more than 300 words.

(iii) Form, literary presentation and procedure of submission must comply with the requirements of the general regulations of the University concerning submission of theses and dissertations for higher Degrees (including the supplementary Regulations for the submission of theses and dissertations).

(c) Attachment: It shall consist of 3 months’ actual work in one of the government, Parastatal or Party Institutions. The training will not be treated as a completed till this apprenticeship period will have been assessed as “successfull” by the supervisors.

INSTITUTE OF KISWAHILI RESEARCH

The Institute of Kiswahili Research was established in accordance with the provisions of the University of Dar es Salaam Act, 1970. It is concerned with the study and furtherance of the Swahili Language in all its aspects, with special reference to the support of current long-term development plans in the United Republic of Tanzania and in the University of Dar es Salaam.

EAST AFRICAN STATISTICAL TRAINING CENTRE

The East African Community Statistical Training Centre is located on the main Campus of the University of Dar es Salaam and
started functioning from the 30th August, 1965. It offers a nine month course in statistical methods and techniques and has assisted in establishing an advanced Course in Statistics for the University of Dar es Salaam. The nine month course is open to statistical personnel from Government Offices of the East African Sub-region and also to quasi-Government bodies in this Sub-region. Requests for seats from other parts of the continent are also considered. Trainees for the Centre are normally selected from amongst the candidates nominated by the various Governments concerned.

**STUDENTS PRIZES FOR 1975/76**

Several prizes, awarded annually, are available to all undergraduates and these include:

1. **University Prize**: Shs. 1,000/- (Cash)
   
   Awarded to the best student in Final Degree Examination in each Faculty.

2. **Vice Chancellor’s Prize**: Shs. 500/- (Cash)
   
   Awarded to students with highest marks in First Year Degree Examination in each Faculty.

3. **East African Academy (Tanzania Branch) Prize**: Shs. 200/- (in books)
   
   To be awarded as follows:

   (a) **Agriculture**: Best Final Year Degree Student in Rural Economy.

   (b) **Arts and Social Sciences**: 2nd Best overall student in final year degree Examinations.

   (c) **Medicine**: 3rd Best overall student in the Final Examinations.

   (d) **Law**: Student submitting the Best Third Year compulsory Research Paper.

   (e) **Science**: 2nd overall Best Student in the Final Degree Examinations.

4. **Faculty of Agriculture**:
   
   (i) **Agricultural Chemistry Prize**: (Tanzania Fertilizer Co. Limited

   To (a) Best First Year Degree Student in Agricultural Chemistry (100/- cash).
(b) Best Second Year Degree Student in Soil science (300/- cash) plus books.

(c) Best Third Year Degree Student in Soil science (600/- cash) plus books.

(ii) Agricultural Botany Prize: Shs. 200/- cash
(by Prof. B.A.C. Enyi)
To Best First Year Degree Student in Agricultural Botany.

(iii) Animal Production Prize: Shs. 150/- cash
(by Coastal Dairy Industries Limited)
To Best Second Year Degree Student in Animal Production.

(iv) Crop Production Prize: Shs. 100/- (in books)
(by Prof. L.A. Are)
To Best Third Year Degree Student in Crop Production.

(v) Animal Breeding Prize: Shs. 100/- (in books) plus Shs. 100/- cash
(by Prof. J.C. Bowman)
To Best Second Year Degree Student in Animal Breeding.

(vi) Rural Economy Prize: Shs. 500/- (in books)
(by Kenaf Industries Limited)
To (a) Best Second Year Student in Rural Economy (200/- worth).

(b) Best Final Year Student in Rural Economy (300/- worth).

(vii) Agricultural Marketing Prize: Shs. 300/- cash
(by Cashewnut Authority)
To the Best Second Year Student in Agricultural Marketing.

(viii) Soil Science Prize: Shs. 500/- cash
(by Tobacco Authority)
To the best Student in Soil Science

(ix) Agronomy Prize: Shs. 500/- cash
(by Tobacco Authority)
To the best student in Agronomy
(x) Forestry Prizes: Shs. 1,400/-
(by Tanzania Elimu Supplies, TWICO, and Taj Mohamed)
presented yearly to:
(a) The best 1st year Forestry student (400/- cash)
(b) The best 3rd year Forestry student (500/- cash)
(c) The best 2nd year Forestry student (500/- cash)

5. Faculty of Arts and Social Sciences:
*(i) Management and Administration Prize: (500/- Savings Account)
(by National Bank of Commerce)
To Best Second Year Student in Management and Administration.

*(ii) Maendeleo Prize: Shs. 200/- cash
(by Anonymous Donor)
To the Best Second Year Student in EASE or Development Studies in the Faculty of Arts and Social Sciences.

(iii) Research Prize: Shs. 300/- cash
(by J.K. Chande)
Presented by Mr. J.K. Chande to the most outstanding independent research by a student in the Faculty of Arts and Social Sciences.

(iv) Second Year Arts and Social Sciences Prize:
Shs. 500/- cash
(by Caltex Oil (T) Limited)
To Second Year Student with the highest all round level work.

* (v) Sociology Prize: Shs. 300/- cash
(by Dr. G. Grohs)
To the best final Year Student in Social Development and Administration Sub-stream.

6. Faculty of Law:
(i) Law Prize: Shs. 500/- cash
(by Tanganyika Law Society)
To Student with highest marks in Final Year Examinations.

*Subject to availability of Funds from the Donor.
(ii) International Law Prize: Shs. 400/- cash
(by J. Brownie)
To Student with highest marks in International Law.

(iii) Law and Development Prize: Shs. 200/- cash
(by Prof. P.L.U. Cross)
To best Second Year Research Paper in Development Studies.

(iv) Attorney-General’s Prize: Shs. 200/- cash
To the Best First Year Certificate Course in Law Student.

(v) Chief Justice’s Prize: Shs. 200/- cash
To the Best Second Year Certificate Course in Law Student.

(vi) International Law Prize: Shs. 500/- cash
(by UNESCO)
To the best student in International Law—for seven (7) years.

7. Faculty of Medicine:
   (i) Minister’s Prize: Shs. 300/- in books
       (by the Minister for Health)
       To overall Second Best Student in the Final Examinations.

   (ii) Ngirwamungu Memorial Prize: Shs. 300/- cash
       (by Medical Association of Tanganyika)
       To best Final Year Student in Community Medicine.

   (iii) African Medical and Research Foundation Prize: 300/- cash
       Presented to Best Third Year Student in Community Medicine.

8. Faculty of Science:
   (i) Biology Prize: Shs. 500/- (in books)
       (by Amboni Estates Limited)
       To Best Second Year Student in Zoology.

   (ii) Botany Prize: Shs. 500/- cash
       (by Tanganyika Coffee Board)
       To Second Year Botany Student with best overall performance.
(iii) Chemistry Prize: Shs. 300/- cash
(by Shell (T) Limited)
To Best First Year Student in Chemistry.

(iv) Chemistry Prize: Shs. 200/- cash
(by Esso Standard (T) Limited)
To Best Second Year Student in Chemistry.

(v) Chemistry Prize: Shs. 400/- cash
(by Metal Box (T) Limited)
To Best Final Year Student in Chemistry.

(vi) Electronics Prize: Shs. 500/- cash
(by Philips Electronics (E.A.) Limited)
To Best Final Year Student in Electronics.

(vii) Mathematics Prize: Shs. 250/- cash
(by International Computer Limited)
To Best Second Year Student in Mathematics.

(viii) Zoology Prize: Shs. 500/- cash
(by Achelis (T) Limited)
To Best Second Year Student in Zoology Practicals.

(ix) Tanzanian National Parks Prize: Shs. 500/- (in books)
To Best Final Year Student in Mammalian Ecology.

(x) Thermodynamics Prize: Shs. 200/- cash
(by Cooper Motors (T) Ltd.)
To the best student in thermodynamics—yearly

(xi) Electromagnetism Prize: Shs. 1,000/- cash
(by TANESCO)
To the best student in Electromagnetism—yearly

9. Essay Prize: Shs. 600/- cash
(by Esso Standard (T) Limited)
Presented for an open Competition for all undergraduates of
the University who are registered for degree courses.

GENERAL INFORMATION

MEDICAL SERVICES

1. There are two full-time University Medical Officers and a
full-time nursing staff who attend to the health of the students
and academic and non-academic staff: The University Dispensary
contains sixteen beds. Hospital facilities for serious medical and
surgical cases exist at Muhimbili and Ocean Road Hospitals in
Dar es Salaam.
2. Medical services, including hospitalization, are provided free of charge, but expensive items such as spectacles and dentures are not included. The University, however, from time to time, provides some assistance for students towards the cost of these items.

3. Before admission each student is required to furnish the University with a satisfactory medical report, including a chest X-ray and smallpox vaccination certificate, from a recognised Medical Practitioner or Medical Officer.

SCHOLARSHIPS

Women's Advancement Scholarships

There is a post Graduate Scholarship of Shs. 14,000/- per year, tenable at the University of Dar es Salaam. Due to insufficient funds, the scholarship is not awarded continuously on a yearly basis but is awarded when ever there are sufficient funds to justify the award.

STUDENTS' ADMINISTRATION

The Department of Students' Administration is headed by the Dean of Students. The Department concerns itself primarily with the personal, social and welfare side of the student's life, rather than his academic activities. The following services are offered to students through this Department: Residence; Games and Sports; Students' Activities; Religious Activities, General Counselling on Personal Problems and Employment, and Catering. The Department is also concerned with student discipline.

1 Residence

All students are required to live in the Halls of Residence except in those cases in which the Chief Administrative Officer permits a student to live off campus. There are at present six Halls (five for men and one for women) on the main campus, one Hall at Morogoro for the Faculty of Agriculture and Forestry and another Hall at Muhimbili Hospital, Dar es Salaam for the Faculty of Medicine. The last two Halls are co-educational. A seventh Hall (for men) is under construction at the Main Campus and it is expected to be completed before the beginning of the 1975/76 academic year.
2 Students' Activities

Most of the students' activities are organised by the students' organisation known as the Dar es Salaam University Students' Organisation (D.U.S.O.). This organisation is concerned with student politics; social activities; games and sports and various forms of entertainment. Other campus organisations include: the TANU Youth League; the Kenya Students’ Association of Dar es Salaam, and the Uganda Students’ Association of Dar es Salaam. The TANU Youth League is the youth vanguard of TANU and membership is open to all Tanzania Youths whatever their status in society.

3 Games and Sports

The University main campus has some of the best sporting facilities in the country including an international size track field; swimming pool; tennis courts; soccer pitches; netball and basketball courts; hockey and cricket fields. A temporary gymnasium where badminton, squash and weight lifting can be held is being sought after the former gymnasium was converted into a temporary Cafeteria. Students can therefore participate in Athletics; Swimming; Lawn Tennis; Table Tennis; Soccer (Football) Basketball; Netball; Hockey; Cricket; Badminton; Squash, Weight Lifting and Boxing.

The activities for Games and Sports are organised under one of the largest Ministries of the Dar es Salaam University Students’ Organisation — the Ministry of Games and Sports. An Executive Sports Council formulates policy and regulates expenditure. All students have membership in the organisation and are eligible to take part in many sporting events and competitions e.g. the Inter-University East African Competitions (mainly East African and Central-African Universities) and international events such as the Commonwealth and Olympic Competitions.

4 Religious Activities

Students and staff have complete freedom of worship. At present facilities are available for the most numerous religious groups, i.e. the Christians and Moslems. The Catholics have two Chaplains appointed by the Tanzania Episcopal Conference (T.E.C.). They have Mass every Sunday at 8.15 a.m. and, for the moment, at 11.00 a.m., besides the daily Mass at 6.15 p.m. The Protestants have a Chaplain appointed by the Christian Council of Tanzania. Their services are held in the Chapel at 9.30 a.m. every Sunday. The services are conducted in Swahili and English.
The University Students Christian Fellowship has meetings at 8.30 p.m. on Saturdays and at 8.00 p.m. on Sundays, in the Chapel Common Room. The meeting for prayers, Bible study and Christian Fellowship are held every evening in each of the six Halls of Residence. These meetings begin at 6.00 p.m. A staff and students Bible study group meets at the Chaplain's house at 8.00 p.m. every Wednesday evening. The Young Christian Students (Y.C.S.) also meet every week in the evening; while the Catholic Christian Committee (C.C.C.), which is the governing body of the T.E.C. Chaplaincy on the campus, meet twice a term.

A joint Christian Chapel is situated opposite Hall No. 4 at Kilimahewa Road. It is administered by the joint Christian Chapel Committee, composed of representatives of the T.E.C. and the C.C.T. communities. The University Christian Perspective, which is the Christian voice on the campus appears once a term.

This publication was initially a T.E.C. initiative but articles are now contributed by members of all Christian denominations. The T.E.C. lending library and bookshop are now housed in the T.E.C. Common Room in the Chapel. There are Catechism Classes for the children of University Staff and workmen twice a week in the T.E.C. Chaplaincy, and Baptisms every Sunday morning or on request. Marriages are also arranged by the Chaplains and celebrated either in the Chaplaincy centre (Chapel) or in one of the Churches in town. The Chaplains are available for counselling in the Chaplains' Office—office No. 15— in the Faculty of Arts and Social Sciences or at any other time suitable to the students/staff. The Chaplains also attend to the sick either in the University Dispensary or at Muhimbili Hospital.

Every year there are retreats and Seminars arranged by the C.C.C. for staff and students.

The Moslems have occasional worship conducted by a local Sheikh because there is no resident spiritual adviser for the Moslem Community as yet. The Moslem students have regular prayers at the University Mosque which they themselves have organised.

5 Appointment Board

The Appointments Board is concerned mainly with the employment of students; its services are offered and available to all students of the University. Arrangements are made for student employment during Term Time (part-time temporary employment) and Vacation Time. There is also a programme of career placement for interested students.
6 Student Travel
All East African students are entitled to concession fare rates in travel between the University and their homes. The concession rate by Air is 50% and by Road 10%. Concession forms are available from the Department of students' Administration.

7 Catering
The University offers cafeteria services for all meals. The cafeteria is open to students, staff and visitors. Student meal charges are automatically deducted from their bursaries upon arrival while staff and visitors are required to pay cash at the door.

There are two cafeterias on the Main Campus which have the capacity to serve the present student population. Muhimbili and Morogoro campus each have a cafeteria.

8 University Bookshop
The Bookshop is open daily from 8.00 a.m. to 3.00 p.m. and on Saturdays from 8.00 a.m. to 1.00 p.m. throughout the year except on public holidays. Student text-books and Background reading and a limited supply of stationery are available as well as books of general interest to staff and students. A branch of the University Bookshop was opened during 1974 at Korogwe Road, Morogoro.

LIBRARY

The University Library supports the teaching and research activities of the University. The Library's resources are open not only to members of the University community, but also to other people engaged in research on various government projects in the country and to scholars from all over the world.

In addition to the Main Library situated on the Main Campus, there are two sub-Libraries to serve the Faculties of Medicine and Agriculture, at Muhimbili Hospital, Dar es Salaam and the Morogoro Campus respectively.

Opening hours:
Term: Mondays-Saturdays: 7.30 a.m. — 6.30 p.m.
7.30 p.m. — 10.30 p.m.
Sundays: 2.00 p.m. — 6.30 p.m.
7.30 p.m. — 10.30 p.m.
Vacation: Mondays-Fridays: 8.00 a.m. — 5.00 p.m.
Saturdays: 8.00 a.m. — 12.30 p.m.
UNIVERSITY OF DAR ES SALAAM
ALMANAC
FOR 1975/76 ACADEMIC YEAR
JUNE 1975

Sunday 1
Monday 2
Tuesday 3
Wednesday 4
Thursday 5
Friday 6
Saturday 7
Sunday 8
Monday 9
Tuesday 10
Wednesday 11
Thursday 12
Friday 13
Saturday 14
Sunday 15
Monday 16
Tuesday 17
Wednesday 18
Thursday 19
Friday 20
Saturday 21
Sunday 22
Monday 23 Supplementary Examinations begin in all Faculties
Tuesday 24
Wednesday 25
Thursday 26
Friday 27
Saturday 28 Freshmen Orientation Week begins
Sunday 29
Monday 30

JULY 1975

Tuesday 1
Wednesday 2
Thursday 3
Friday 4
Saturday 5 FIRST TERM BEGINS — All Faculties
Sunday 6
<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>7</td>
<td>SABA SABA DAY (Public Holiday)</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8</td>
<td></td>
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<tr>
<td>Wednesday</td>
<td>9</td>
<td>SENATE</td>
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<td>Thursday</td>
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<td>Friday</td>
<td>11</td>
<td>Staff Development Committee</td>
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<td>Saturday</td>
<td>12</td>
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<td>Sunday</td>
<td>13</td>
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<tr>
<td>Monday</td>
<td>14</td>
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<tr>
<td>Tuesday</td>
<td>15</td>
<td></td>
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<tr>
<td>Wednesday</td>
<td>16</td>
<td>Board of the - Faculty of Arts &amp; Social Sciences</td>
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<td>- Faculty of Engineering</td>
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<td></td>
<td>- Faculty of Medicine</td>
</tr>
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<td>Thursday</td>
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<td>Board of the Faculty of Agriculture and Forestry</td>
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<td>Board of the Institute of Development Studies</td>
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**AUGUST 1975**

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Wednesday 13 SENATE
Thursday 14
Friday 15
Saturday 16
Sunday 17
Monday 18
Tuesday 19
Wednesday 20 Board of the — Faculty of Arts & Social Sciences
                              — Faculty of Engineering
                              — Faculty of Medicine
Thursday 21
Friday 22
Saturday 23 Board of the — Faculty of Agriculture and Forestry
                         — Institute of Kiswahili Research
Sunday 24
Monday 25
Tuesday 26
Wednesday 27
Thursday 28 Convocation/Presentation of Student Prizes
Friday 29 Anniversary of Inauguration/Graduation Day
Saturday 30
Sunday 31

SEPTEMBER 1975

Monday 1
Tuesday 2
Wednesday 3 Board of the — Faculty of Law
                          — Faculty of Science
Thursday 4
Friday 5 Planning Committee
Saturday 6 Examinations Committee
Sunday 7
Monday 8
Tuesday 9 Research & Publications Committee
Wednesday 10 Higher Degrees Committee
Thursday 11
Friday 12
Saturday 13 FIRST TERMS ENDS — All Faculties except Agriculture and Forestry & Medicine
| Sunday  | 14 |
| Monday  | 15 |
| Tuesday | 16 |
| Wednesday | 17  |
| Thursday | 18 |
| Friday  | 19 |
| Saturday | 20  |

**FIRST TERM ENDS — (Agriculture and Forestry & Medicine)**

| Sunday  | 21 |
| Monday  | 22 |
| Tuesday | 23 |
| Wednesday | 24 |
| Thursday | 25 |
| Friday  | 26 |
| Saturday | 27  |

**SECOND TERM BEGINS — All Faculties**

| Sunday  | 28 |
| Monday  | 29 |
| Tuesday | 30 |

**OCTOBER 1975**

| Wednesday | 1 |
| Thursday  | 2 |
| Friday    | 3 |
| Saturday  | 4  Admission Board |
| Sunday    | 5 |
| Monday    | 6 |
| Tuesday   | 7 |
| Wednesday | 8  Board of the — Faculty of Arts & Social Sciences  
|           |     — Faculty of Engineering  
|           |     — Faculty of Medicine |
| Thursday  | 9 |
| Friday    | 10 |
| Saturday  | 11 Board of the Faculty of Agriculture |
| Sunday    | 12 |
| Monday    | 13 |
| Tuesday   | 14 |
| Wednesday | 15 Board of the — Faculty of Law  
|           |     — Faculty of Science |
| Thursday  | 16 |
| Friday    | 17 DUSO Elections  
|           | Library Committee |

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<tr>
<td>Saturday</td>
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<td>Inauguration of New DUSO Government Research &amp; Publications Committee</td>
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<td>Supplementary Clinical Examinations begin</td>
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<td><strong>NOVEMBER 1975</strong></td>
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<td>Board of the — Finance and Development Committee</td>
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<td>Board of the — Faculty of Agriculture and Forestry</td>
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<td>— The Institute of Kiswahili Research</td>
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<td>Board of the Institute of Development Studies</td>
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Thursday 20
Friday 21
Saturday 22
Sunday 23
Monday 24
Tuesday 25
Wednesday 26 SENATE
Thursday 27
Friday 28
Saturday 29
Sunday 30

DECEMBER 1975

Monday 1
Tuesday 2 Planning Committee
Wednesday 3 Research & Publications Committee
Thursday 4
Friday 5
Saturday 6 SECOND TERM ENDS — All Faculties except Agriculture and Forestry and Medicine

Sunday 7
Monday 8
Tuesday 9 Independence and Republic Day (Public Holiday)
Wednesday 10
Thursday 11
Friday 12
Saturday 13 COUNCIL
SECOND TERM (Agriculture & Medicine) ENDS

Sunday 14
Monday 15
Tuesday 16
Wednesday 17
Thursday 18
Friday 19
Saturday 20
Sunday 21
Monday 22
Tuesday 23
Wednesday 24
Thursday 25 Christmas Day (Public Holiday)

118
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**JANUARY 1976**

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- Staff Development Committee
- **THIRD TERM BEGINS — All Faculties**
- Board of the Faculty of Engineering
- Board of the Faculty of Arts and Social Sciences
- Faculty of Medicine
- Institute of Development Studies
- Faculty of Science
- Faculty of Law
- Board of the Faculty of Agriculture and Forestry
- Institute of Kiswahili Research
- Higher Degrees Committee
- Library Committee
- Honorary Degrees Committee
Tuesday 27
Wednesday 28  SENATE
Thursday 29
Friday 30
Saturday 31

FEBRUARY 1976

Sunday  1
Monday  2
Tuesday  3
Wednesday  4
Thursday  5  Afro-Shiraz/Arusha Declaration (Public Holiday)
Friday  6  Estimates and Development Sub-Committee
Saturday  7  Student Awards Committee
Sunday  8
Monday  9
Tuesday  10  Research & Publications Committee
Wednesday  11  Board of the
               — Faculty of Law
               — Faculty of Engineering
               — Faculty of Science

Thursday  12
Friday  13
Saturday  14  Board of the Faculty of Agriculture and Forestry
Sunday  15
Monday  16
Tuesday  17  Examinations Committee
Wednesday  18  Board of the
               — Faculty of Arts & Social Sciences
               — Faculty of Medicine

Thursday  19
Friday  20  Higher Degrees Committee
Saturday  21  THIRD TERM (Agriculture) ENDS
Sunday  22
Monday  23  Development Studies & EASE Exams begin
Tuesday  24
Wednesday  25  SENATE
Thursday  26
Friday  27
Saturday  28  THIRD TERM (Medicine ENDS
FOURTH TERM (Agriculture)
BEGINNS

Sunday  29

120
MARCH 1976

Monday 1 UNIVERSITY Examinations begin in all Faculties except Medicine and Agriculture and Forestry

Tuesday 2 Finance and Development Committee
Wednesday 3 Planning Committee
Thursday 4
Friday 5
Saturday 6 FOURTH TERM (Medicine) BEGINS
Sunday 7
Monday 8
Tuesday 9
Wednesday 10
Thursday 11
Friday 12
Saturday 13 Board of the Faculty of Agriculture and Forestry
Sunday 14
Monday 15
Tuesday 16 Examiners’ Board Meeting — Development Studies
Wednesday 17 Board of the Faculty of Medicine
Thursday 18
Friday 19 COUNCIL
Saturday 20 Board of the Institute of Development Studies
Sunday 21
Monday 22 Admission Board
Tuesday 23
Wednesday 24 Examiners’ Board Meeting — Engineering
Thursday 25 Examiners’ Board Meeting — Arts and Social Sciences
Friday 26 Examiners’ Board Meeting — Law
Saturday 27 Examiners’ Board Meeting — Science
Sunday 28
Monday 29 Board of the Faculty of Science
Tuesday 30 Board of the — Faculty of Law — Faculty of Engineering
Wednesday 31 Board of the Faculty of Arts and Social Sciences

APRIL 1976

Thursday 1
Friday 2
Saturday  3  THIRD TERM ENDS — All Faculties except Medicine and Agriculture and Forestry

Sunday  4
Monday  5  SENATE
Tuesday  6
Wednesday  7
Thursday  8
Friday  9
Saturday  10  FOURTH TERM BEGINS
— All Faculties except Law, Medicine & Agriculture and Forestry

Sunday  11
Monday  12  Faculty of Agriculture and Forestry and Medicine University Examinations begin.
Tuesday  13
Wednesday  14
Thursday  15
Friday  16  GOOD FRIDAY (Public Holiday)
Saturday  17
Sunday  18
Monday  19  EASTER MONDAY (Public Holiday)
Tuesday  20
Wednesday  21  Admissions Board
Thursday  22
Friday  23
Saturday  24
Sunday  25
Monday  26  Union Day (Public Holiday)
Tuesday  27
Wednesday  28
Thursday  29
Friday  30  Examiners’ Board Meeting — Medicine Board of the Faculty of Medicine

MAY 1976

Saturday  1  International Workers Day (Public Holiday)
Sunday  2
Monday  3  Examiners’ Board Meeting — Agriculture and Forestry
Tuesday  4
Wednesday  5  Higher Degrees Committee
Thursday  6
Board of the Faculty of Agriculture and Forestry

FOURTH TERM ENDS — (Medicine and Agriculture and Forestry)

Sunday 9
Monday 10
Tuesday 11
Wednesday 12 SENATE
Thursday 13 Staff Development Committee
Friday 14
Saturday 15
Sunday 16
Monday 17
Tuesday 18
Wednesday 19
Thursday 20
Friday 21
Saturday 22
Sunday 23
Monday 24
Tuesday 25
Wednesday 26
Thursday 27 Planning Committee
Friday 28
Saturday 29 FOURTH TERM ENDS—All Faculties Except Law, Medicine & Agriculture and Forestry

Sunday 30
Monday 31

JUNE 1976
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<td>1st year Field Project — Medicine</td>
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<td>Supplementary Examinations begin in all Faculties.</td>
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<td>Freshmen Orientation Week begins.</td>
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**JULY 1976**

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