

ARDHI UNIVERSITY



PROSPECTUS

2025/2026

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SENIOR OFFICERS OF ARDHI UNIVERSITY

CHANCELLOR

Hon. Mohamed Chande Othman, LLB (Hon), (University of Dar es Salaam), M. A., Webster University.

VICE CHANCELLOR

Prof. E.J. Liwa, Dipl. L.S. (ARI), M. App. Sc. (Glasgow), F.R.S. (T), FIST, PhD (Louisiana State University USA)

DEPUTY VICE CHANCELLOR (*Academic, Research and Consultancy*)

Prof. J.M. Lupala, Adv. Dipl. URP (ARI), PGD Housing (Rotterdam), M.Arch (Leuven), PhD Built Environment Analysis (KTH), MTITP, Registered Town Planner.

DEPUTY VICE CHANCELLOR (*Planning, Finance and Administration*)

Prof. A.H. Namangaya, BSc. URP (UDSM), MSc. URPM (Dortmund), PhD (Dortmund), Registered Town Planner

POSTGRADUATE, RESEARCH AND PUBLICATIONS DIRECTORATE

Director

Dr. Y. Senkondo BSc. Agriculture SUA, MSc. Soil Scie.& Land Mgt (SUA), MSc. Physical Land Resources (Management) (Gent), PhD (Gent)

UNDERGRADUATE DIRECTORATE (UD)

Director

Dr. R. John, BSc. URP, MBA (UDSM), PhD (ARU), Registered Town Planner

DIRECTORATE OF ADMINISTRATION AND HUMAN RESOURCES MANAGEMENT

Acting Director

A. J. Mushi LLB (UDSM), PGD HRM (IFM), MSc HRM (MU), Registered Advocate

PLANNING AND INVESTMENT DIRECTORATE (PID)

Director

Dr. G. Munisi, B.Com (Dar), MBA (Sheffield), PhD (Agber), CPA (T)

LEGAL SERVICES UNIT (LSU)

Head

E. R. Meiludie, LL.B (Dar), Dipl. Mergers & Acquisition (UK), LLM (Dar), ICSA (UK), Registered Advocate

INSTITUTE OF HUMAN SETTLEMENTS STUDIES (IHSS)

Director

Dr. D. P. Shayo, B.A with (Ed) UDSM, M.A (PS&PA) UDSM, PhD Political Science (Westfälische Wilhelms -Universität Muenster, Germany),

INSTITUTE OF BUILDING RESEARCH (IBR)

Director

Dr. J. Kihila, BSc. Env. Eng., MSc. Env. Techn. & Management (UDSM), PhD (NMIST-Arusha)

LIBRARY SERVICES DIRECTORATE (LSD)

Acting Director

Dr. E.E. Silayo, Cert. Educ., Dip. Ed. (Marangu T.C.), Special Cert. Music Ed. (Butimba T.C.) B.A. Fine and Performing Arts (Dar), M.A. Information Studies (Dar), PhD (UDSM)

CONSULTANCY BUREAU DIRECTORATE (CBD)

Director

Dr. E. Mchome, BSc. URP, MSc. UPM (Dar), PhD (Dar) Registered Town Planner

ARDHI BUILT ENVIRONMENT CONSULTING COMPANY LIMITED (ABECC)

Acting Managing Director

Dr. I. Mtani, B. Arch. (UDSM), MSc. Eng. Mngt (MEM) (UDSM), PhD (TU Dortmund)

INFORMATION AND COMMUNICATION TECHNOLOGY DIRECTORATE (ICTD)

Director

Dr. J. Mbowe, BSc Comp. Sci. (UDSM), M. Comp. Sci. (UDSM), PhD Inf. & Comm. Sci. & Eng. (NM-AIST)

DIVERSITY MANAGEMENT DIRECTORATE (DMD)

Director

Dr. D. Magembe-Mushi, BSc. URP, (UDSM), MSc. URPM (Dortmund), PhD (ARU), Registered Town Planner

QUALITY ASSURANCE UNIT (QAU)

Head

Prof. S.M.M. Sabai, BSc. Eng., MSc. (UDSM), PhD (Eindhoven)

PUBLISHING CENTRE (PC)

Manager

Dr. F. B. Magina, BSc. URP (UDSM), MSc Housing (ARU), PhD (Dortmund), Registered Town Planner

LINKS AND INTERNATIONAL AFFAIRS

Acting Head

Dr. A.W. Komba, BSc. Gi (ARU), MSc. ESD (Hokkaido University), PhD (Hokkaido University)

SCHOOL DEANS

School of Engineering and Environmental Studies (SEES)

Dean

Dr. G.J. Mhina, BSc. Eng. (UDSM), MSc. ETM (ARU), PhD ETM (ARU)

School of Spatial Planning and Social Sciences (SSPSS)

Dean

Dr. N.J. Babere, BSc URP (UDSM), MSc. UPM (UDSM), PhD (New Castle), Reg. Town Planner

School of Architecture, Construction Economics and Management (SACEM)

Dean

Dr. S. Phoya, BSc. BE (UDSM), MSc (CPUT, Cape Town), PhD (ARU), Reg. QS(T)

School of Earth Sciences, Real Estate, Business and Informatics (SERBI)

Dean

Dr. S.M. Kongela, BSc. LMV (UDSM), MBA (UDSM), PhD (Germany)

FINANCE AND ACCOUNTS DIRECTORATE (FAD)

Director

M.M. Mollel, B.A PSPA (UDSM), BSc Acc & Fin (Mzumbe), C.P.A. (T)

STUDENTS SERVICES DIRECTORATE (SSD)

Acting Director

M.M. Sinda, BSc. Edu. Psycho. (UDSM), M.A Appl. Soc. Psycho. (UDSM)

ARDHI UNIVERSITY COUNCIL MEMBERS

NAME AND ADDRESS	MOBILE No.
Amb. Salome T. Sijaona, Appointee of the President, Chairperson of the Council, DAR ES SALAAM	+255 767 265 291
Prof. Raphael Chibunda, Appointee of the Committee of Vice Chancellors and Principals of Tanzania, Vice Chancellor, Sokoine University of Agriculture (SUA), P.O. Box 3000, MOROGORO. Email: vc@sua.ac.tz ; vc@suanet.ac.tz	+255 713 296 571
Dr. Evaristo A. Mtitu, Appointee of the Minister, Ministry of Education, Science and Technology, Government City, Mtumba Area, Afya Street, P.O. Box 10, 40479 DODOMA. Email: evaristo.mtitu@moe.go.tz	+255 658 066 445
Dr. Mahmoud Abdulwahab Alawi, Appointee of the Revolutionary Government of Zanzibar Principal, Karume Institute of Science and Technology, Mbweni, Chukwani Road, P.O. Box 467 - Mbweni, ZANZIBAR. Email: mahmoud.alawy@kist.ac.tz	+255 778 800 880
Ms. Khadija Bakari Ally, Tanzania Private Sector Federation (TPSF), P.O. Box 11313, DAR ES SALAAM. Email: khadija.ally@tpsf.or.tz	+255 764 570 683
Dr. Threza Mtenga Ministry of Finance and Planning, Email: threza.mtenga@hazina.go.tz	+255 759 073 074
Prof. Huba Mary Nguluma, Representative of Convocation P.O. Box 33713, DAR ES SALAAM. Email: hubanguluma8660@gmail.com	+255 786 022 029
Prof. Evaristo J. Liwa, Vice Chancellor, Ardhi University, P.O. Box 35176, DAR ES SALAAM. Email: evaristo.liwa@aru.ac.tz	+255 784 303 056
Dr. Shubira L. Kalugira, Appointee of the SENATE,	+255 652 389 696

NAME AND ADDRESS	MOBILE No.
Ardhi University, P.O. Box 35176, DAR ES SALAAM. Email: shubira.kalugira@aru.ac.tz	
Ms. Christina Nicholaus Mshana, Appointee of Workers Council, Ardhi University, P.O. Box 35176, DAR ES SALAAM. Email: christina.mshana@aru.ac.tz	+255 787 234 557
Dr. Leopord Sibomana Leonard, Appointee of ARISA, Ardhi University, P.O. Box 35176, DAR ES SALAAM. Email: leopard.leonard@aru.ac.tz	+255 784 637 419
Mr. Simon Kanyasu ARUSO President, Ardhi University, P.O. Box 35176, DAR ES SALAAM Email: simonkanyasu40@gmail.com	+255 741 813 209
Ms. Esther R. Meiludie, Council Secretary Ardhi University, P.O. Box 35176, DAR ES SALAAM. Email: esther.olemeiludie@aru.ac.tz	+255 756 769 741

PRINCIPAL ADDRESSES

Postal Address and E-mail	Telephone Number
VICE CHANCELLOR P.O. Box 35176, Dar es Salaam Telegraphic Address: ARDHICHUO E-Mail: aru@aru.ac.tz	Office Number: +255 739 357 310
DEPUTY VICE CHANCELLOR (Academic, Research and Consultancy) P.O. Box 35176, Dar es Salaam Fax No.2775391 E-Mail: john.lupala@aru.ac.tz	Office Number: +255 739-357 311
DEPUTY VICE CHANCELLOR (Planning, Finance and Administration) P.O. Box 35176, Dar es Salaam E-mail: ally.namangaya@aru.ac.tz	Office Number: +255 739-357 312
ASSISTANT TO THE VICE CHANCELLOR P.O. Box 35176, Dar es Salaam E-mail: olivia.maboko@aru.ac.tz	Mobile Number : +255 684 564 164
DIRECTOR OF POSTGRADUATE, RESEARCH AND PUBLICATIONS P.O. Box 35176, Dar es Salaam E-mail: yassin.senkondo@aru.ac.tz	Mobile Number: +255 757 249 166
DIRECTOR UNDERGRADUATE P.O. Box 35176, Dar es Salaam E-mail: regina.lyakurwa@aru.ac.tz	Mobile Number: +255 689 569 057
AG. DIRECTOR OF ADMINISTRATION AND HUMAN RESOURCES MANAGEMENT (D/AHRM) P.O. Box 35176, Dar es Salaam E-mail: anna.mushi@aru.ac.tz	Mobile Number: +255 735 297 751
DIRECTOR OF PLANNING AND INVESTMENT (DPI) P.O. Box 35176, Dar es Salaam E-mail: gibson.munisi@aru.ac.tz	Mobile Number: +255 739 309 909
SCHOOL OF ARCHITECTURE, CONSTRUCTION ECONOMICS AND MANAGEMENT P.O. Box 35176, Dar es Salaam E-mail: sarah.phoya@aru.ac.tz	Mobile Number: +255 754 373 321
SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES	Mobile Number: +255 768 992 568

Postal Address and E-mail	Telephone Number
P.O. Box 35176, Dar es Salaam E-mail: given.mhina@aru.ac.tz	
SCHOOL OF EARTH SCIENCES, REAL ESTATE, BUSINESS AND INFORMATICS P. O. Box 35176, Dar es Salaam E-mail: sophia.kongela@aru.ac.tz	Mobile Number: +255 767 460 255
SCHOOL OF SPATIAL PLANNING AND SOCIAL SCIENCES P. O. Box 35176, Dar es Salaam E-mail: nelly.babele@aru.ac.tz	Mobile Number t:+255 712 875 334
DIRECTOR OF INSTITUTE OF HUMAN SETTLEMENTS STUDIES (IHSS) P. O. Box 35124, Dar es Salaam Telefax: 255-22-275448 and 2775479 E-mail: deodatus.shayo@aru.ac.tz	Mobile Number:+255 754 591 559
DIRECTOR OF INSTITUTE OF BUILDING RESEARCH P. O. Box 35176, Dar es Salaam E-mail: jacob.kihila@aru.ac.tz	Mobile Number:+255 782 599 733
DIRECTOR OF CONSULTANCY BUREAU P. O. Box 35176, Dar es Salaam E-mail: emmanuel.mchome@aru.ac.tz	Mobile Number:+255 786 393 891
DIRECTOR, INFORMATION AND COMMUNICATION TECHNOLOGY P. O. Box 35176, Dar es Salaam E-mail: joseph.mbowe@aru.ac.tz	Mobile Number:+255 754 824 056
AG. DIRECTOR OF LIBRARY SERVICES P.O. Box 35176, Dar es Salaam Telefax: 255 22 275448/275479 E-mail: ephraem.silayo@aru.ac.tz	Mobile Number: +255 658 387 070
DIRECTOR, DIVERSITY MANAGEMENT P.O. Box 35176, Dar es Salaam E-mail: dawah.mushi@aru.ac.tz	Mobile Number: +255 754 272 730
ARU STUDENTS' ORGANIZATION (ARUSO) P.O. Box 35176, Dar es Salaam Email: simonkanyasu40@gmail.com	Mobile Number:+255 741 813 209

Postal Address and E-mail	Telephone Number
ACADEMIC STAFF ASSEMBLY (ARISA) P. O. Box 35176, Dar es Salaam E-mail: edward.ruhinda@aru.ac.tz	Mobile Number: +255 757-026 908
AG. DIRECTOR, STUDENTS SERVICES P.O. Box 35176, Dar es Salaam Email: manawa.sinda@aru.ac.tz	Mobile Number: +255 753 400 547
STUDENTS' LOANS OFFICE P. O. Box 35176, Dar es Salaam benedict@malele.aru.ac.tz	Mobile Number: +255 754 980 872
CHIEF INTERNAL AUDITOR P. O. Box 35176, Dar es Salaam Email: benedict.tesha@aru.ac.tz	Mobile Number: +255 754 958 412
CORPORATE COUNSEL P. O. Box 35176, Dar es Salaam Email: esther.olemeiludie@aru.ac.tz	Mobile Number: +255 756 769 741
HEAD PROCUREMENT MANAGEMENT UNIT P. O. Box 35176, Dar es Salaam Email: fatuma.mokiwa@aru.ac.tz	Mobile Number: +255 784 541 878
HEAD ACADEMIC AFFAIRS P. O. Box 35176, Dar es Salaam E-mail: emma.mwangomango@aru.ac.tz	Mobile Number: +255 754 293 015
HEAD QUALITY ASSURANCE UNIT P.O.Box 35176 Dar es Salaam E-mail: shadrack.sabai@aru.ac.tz	Mobile Number: +255 753 164 623
MANAGER PUBLISHING CENTRE P. O. Box 35176, Dar es Salaam E-mail: fredrick.magina@aru.ac.tz	Mobile Number: +255 758 218 777
DIRECTOR OF FINANCE AND ACCOUNTS (DFA) P. O. Box 35176, Dar es Salaam Email: mosses.mollel@aru.ac.tz	Mobile Number: +255 767 775 937
PRINCIPAL PUBLIC RELATIONS OFFICER P. O. Box 35176, Dar es Salaam Email: catherine.kilinda@aru.ac.tz	Mobile Number: +255 755 550 366
ESTATES MANAGER P. O. Box 35176,	Mobile Number: +255 763 290 008

Postal Address and E-mail	Telephone Number
Dar es Salaam E-mail: maulid.banyani@aru.ac.tz	
HEAD ARU DISPENSARY P. O. Box 35176, Dar es Salaam E-mail: almasi.almasi@aru.ac.tz	Mobile Number +255 786 999 622
ARU BANKERS: NBC (1997) Ltd., Samora Branch P. O. Box 9002, Dar es Salaam	General : 022-2248324
NMB University Agency, Dar es Salaam P. O. Box 10934, Dar es Salaam	General: 022-2410183
CRDB P. O. Box 35407, Dar es Salaam	General: 022- 2231045 022-2238508

INTRODUCTION TO ARDHI UNIVERSITY

Ardhi University (ARU) is a public academic institution established under the Ardhi University Charter of 2007. ARU has a long history, dating back to 1956, when it was known as a Survey Training Centre. In 1972, it was renamed Ardhi Institute and remained so until 1996, when it was transformed into the University College of Lands and Architectural Studies (UCLAS), a Constituent College of the University of Dar es Salaam. In 2007, UCLAS became Ardhi University.

Currently, ARU is a unique institution, being the only one of its kind in Tanzania and Africa, offering integrated training and conducting research across various matters related to land, the built environment, and other environmental issues under one roof.

The ARU **Vision** is to be a leading centre of excellence in knowledge generation and dissemination, responsive to the dynamics of national, regional, and global conditions. The ARU **Mission** is to provide innovative and integrated learning, research, and public services that advance sustainable development at the national level and beyond. In pursuit of its mission, ARU is guided by seven (7) **core values**: Integrity, Creativity, Excellence, Equity, Teamwork, Internationalization, and Professionalism (ICETIP).

This Prospectus combines the Undergraduate and Postgraduate Programmes. It provides information on general and specific regulations governing academic affairs at the University. It also provides school-specific regulations under the four Schools and one Institute. The Schools are: School of Architecture, Construction Economics and Management (SACEM); School of Earth Sciences, Real Estate, Business and Informatics (SERBI); School of Spatial Planning and Social Sciences (SSPSS); and School of Engineering and Environmental Studies (SEES). The Institute is the Institute of Human Settlements Studies (IHSS). The Prospectus also provides a profile of ARU academic staff, leadership, and the Governing Council. It also provides details of academic staff at the University, including all the institutes and units, which comprise the University.

THE LIBRARY SERVICES

The ARU Library is an integral part of the University. It serves the information needs of undergraduate and postgraduate students, Staff, and neighboring communities within the framework of the existing four schools, Institutes, and units. ARU library leads in providing information to professionals in the built environment and related disciplines. The broad subject areas covered are Architectural Studies, Urban and Regional Planning, Building and Construction Management, Environmental Science, Geomatics and Land Survey, Real Estate Studies, Community Development Studies, Economics, and Business-related disciplines. Apart from the main library, there are two information resource centers located at the Institute of Human Settlement Studies (IHSS) and the Institute of Building Research (IBR) that have collections that cater to the information needs of researchers in the fields of human settlements studies and housing, respectively.

The services offered at ARU Library include borrowing and renewing library materials, reference, current awareness services, and selective dissemination of information. The library also conducts training to empower users with the skills to identify, locate, access, and use information in both printed and electronic formats to fulfill their information needs. Also, access to both wired and wireless internet services is provided to enable library users to search bibliographic information for available library materials through the Online Public Access Catalogue (OPAC) and to browse online materials. The library has a computer cluster room with desktop computers for students' use.

The Library's collections and resources consist of print and non-print materials, mostly acquired through purchase, donations, and gifts. Currently, the library is stocked with more than 14,000 physical books and periodicals and has access to various newspaper titles daily. Apart from print materials, the University Library subscribes to 4 electronic resource databases that contain e-journals and e-books, and to 20 open-access electronic journals via the Consortium of Tanzania University and Research Libraries (COTUL). Furthermore, the Library has an institutional repository (IR) stocked with scholarly works produced by ARU researchers.

Library Opening Hours

Duration	Days	Opening Hours
Semester	Monday-Friday	09:00 - 22:00
	Saturdays	09:00 - 8:30
	Sundays & Public Holidays	10.00 -16:00
Vacation	Monday-Friday	10.00 -16:00

INSTITUTE AND CENTRES

Institute of Human Settlements Studies (IHSS)

The Institute of Human Settlements Studies (IHSS) was founded in 1979 as a Centre for Housing Studies (CHS), a joint Programme between the Government of the United Republic of Tanzania and the Netherlands. CHS was renamed Centre for Human Settlements Studies (CHSS) in 1992. In 1996, CHSS was transformed into the Institute for Housing Studies and Building Research (IHSBR), following Ardhi Institute's affiliation with the University of Dar es Salaam. Two years later, the Institute was renamed the Institute of Human Settlements Studies. Since its founding, the Institute has grown into a multidisciplinary basic and applied research academic unit of the University. It also provides postgraduate training and public services across a variety of disciplines.

Goal

The Goal of IHSS is to contribute to the improvement of human settlements, living conditions, and the quality of life of all people in urban and rural areas in Tanzania.

Functions

1. Offering postgraduate courses (Master's and PhD) in the areas of Housing, Housing and Financing, Housing and Human Settlement studies, Policy Analysis and Programme Management, Urban Governance and Environmental Studies, Built Environment Analysis, Climate Change Studies, and Development Studies.
2. Conducting basic and applied research in the field of human settlements development, planning, and management
3. Provision of public services in the fields of housing, building, and human settlement development, policy development, planning, and management
4. Organisation of short-term, tailor-made training courses for practitioners.

Research Focus

The Institute's current research is organised into the following Research Themes and sub-themes

Land, Local Economic Development and Governance

- Land and Property Management
- Regularization and Improvement of Informal Settlements
- Property and business formalisation
- Spatial Strategic and Action Planning
- Local Economic Development
- Urban/Land Governance
- Urban and Rural Sociology
- Public Policy Analysis
- Urban-Rural linkages
- Preparation and Use of Digital Image Map Data Bases
- Application of Geographical and Land Information Systems

Housing and Infrastructure Development and Management

- Building Materials and Construction technology
- Building Design, Construction and Management
- Housing procurement
- Housing Support Services
- Housing Finance
- Water Supply and Sanitation
- Transportation & Energy

- Roads and Drainage
- Housing and Urban Indicators

Climate Change and Environmental Risks

- Climate change impacts, mitigation and adaptation
- Climate Change Impact Modelling
- REDD+
- Carbon credits and markets
- Disaster Management
- Vulnerability Assessment
- Pollution Control
- Environmental Management
- Environmental Impact Assessment (EIA)

Natural Resources

- Natural resources accounting
- Ecosystem and ecosystem services
- Natural landscape planning and management
- Biodiversity conservation
- Integrated water resources management
- Water -food -energy nexus
- Agriculture and development
- Remote sensing and GIS for natural resources

Short Courses

IHSS offers short courses in a wide-ranging area of human settlements including

- Urban surveys, human settlement analysis and remote sensing techniques
- Regularisation of informal settlements
- Project Investment Appraisal and Evaluation
- Water Supply and Low-Cost Sanitation
- Urban housing finance
- Municipal Finance and Administration
- Gender and Human Settlement Development
- Research Methodology
- Project Planning and Management
- Entrepreneurship in Human Settlement
- Tools for Urban Poverty Analysis
- Urban Environment and Services
- Urban Governance and Institutional Development
- Gender and Human Settlements Development
- Participatory Urban Environmental Planning and Management
- SDGs and Urban Poverty in Sub-Saharan Africa
- Climate change and adaptation strategies
- Sanitation Marketing for Practitioners & Policy Makers
- Enhanced development control process in planned and unplanned areas

Department of Continuing Education (DCE)

The Department's main activity is to coordinate tailor-made programs for both University staff and clients outside the University. The courses can take place within and outside the University, depending on the client's requests and demands. These programs include: short courses, seminars, public lectures/presentations and workshops covering fields that are taught at the University such as: Architecture, Landscape and Conservation, Geomatics, Building Economics and Constructions, Urban, Regional and Housing infrastructure Planning, Economics and Community Development, Geospatial sciences and technology, Environmental science and

management, Civil and Environmental Engineering, Real Estate, Land Management and Valuation, Business studies and Information Technology.

General functions of continuing education include, but are not limited to, personal development and cultural enrichment for the individual and the community; licensing and certification for professional and practitioner qualifications; and other credentials. Therefore, the Department of Continuing Education is geared toward refreshing ARU alumni and other relevant practitioners on professional advancement and equipping them with the necessary skills for their professional operations. Given the academic and professional experiences of members of the academic staff, ARU's computer centers, classrooms and lecture theaters, workshops, laboratories, and libraries provide an ideal environment for participation in continuing education programs. However, depending on the geographic composition of programme participants and the type of training resources required, programme venues can be arranged at the ARU main campus in Dar es Salaam, the ARU training centre in Dodoma, the ARU campus in Mwanza, or any other suitable location according to the client's preferences. Short-course fees for all continuing education programmes are payable to ARU and are negotiable and tailor-made.

Information and Communication Technology Directorate (ICTD)

The Information and Communication Technology Directorate (ICTD) is responsible for providing and coordinating the delivery of ICT services at the University. This includes developing, operating, and maintaining the University's ICT infrastructure, such as the Fibre Optic Network, Local Area Network (LAN), Wi-Fi network (WLAN), and the Internet. The Directorate is also responsible for maintaining and updating the University's critical management information systems, including the Admission Management Information System, Academic Management Information System (AMIS I, II & III), Billing Management Information System (BiMIS), Course Evaluation Management Information System (CEMIS), eTimetable, and the University Website. Moreover, the Directorate is responsible for maintaining all computer laboratories and staff office computers. The Directorate also provides teaching support for undergraduate and postgraduate programmes in GIS, Remote Sensing, and Geo-ICT courses. The Directorate has established itself as a centre of excellence in GIS and Remote Sensing training for various sectors.

Institute of Building Research

Background Information

The Institute of Building Research (IBR) at Ardhi University serves as a beacon of excellence and innovation in construction and building research in Tanzania. Formerly recognized as the National Housing Building Research Agency (NHBRA). IBR has forged a profound legacy of pioneering contributions to the development, sustainability, and advancement of the construction industry, as well as to affordable housing solutions in the region. Our commitment to addressing critical challenges, fostering sustainable practices, and promoting knowledge dissemination has made us a cornerstone of the construction landscape.

Vision

The vision of the IBR of Ardhi University is to become the center of excellence in research and outreach services for appropriate building construction technologies and affordable housing in Tanzania.

Mission

The mission of the IBR at Ardhi University is to provide innovative, research-based solutions for appropriate, cost-effective building construction technologies for housing in Tanzania.

Key focus areas

- Affordable housing research
- Construction Technology Advancements

- Sustainable Building Practices
- Housing and Urban Development Research
- Collaboration with Industry and Government Agencies
- Capacity Building in the Construction Industry

The main functions of the Institute

- Promote the supply of decent housing among Tanzanians and enhance socio-economic status of people.
- Promote research and development on low-cost construction and technical service development.
- Facilitate access to quality and affordable building construction materials and low-cost technologies for housing.
- Harness the available rich technological development and innovation related to low-cost building materials and housing technology.
- Dissemination of technologies through knowledge exchange programmes.

Services offered by IBR

- Research on affordable housing; materials, techniques and technologies.
- Community outreach activities.
- Production of building materials and equipment like Interlocking bricks, Fiber reinforced cement (FRC) tiles for roof and floors, Interlocking bricks press machine (IBPM) for production of interlock bricks (IB), Sisal fibre reinforced concrete tiles and Waffle slabs.
- Capacity Building to various stakeholders in the construction Industry.
- Laboratory tests on building materials.
- Workshop activities like carpentry, cutting and welding.
- Building design and building Cost estimates.
- Construction and supervision of buildings.
- Geotechnical surveys.
- Socio-economic surveys related to housing provision.
- Sensitization and practical seminars on fabrication of local/traditional building materials.

STUDENTS WELFARE SERVICES

Accommodation

One of the most important welfare services to students is accommodation. The University has an Accommodation Policy to operationalize student accommodation. However, the University has limited beds and space to accommodate all students on campus. The situation necessitates that undergraduate and postgraduate students who do not have on-campus accommodation look for off-campus accommodation in residential areas near the University or elsewhere. On-campus accommodation is provided in six blocks: the Old Blocks A & B for Male Undergraduate students, and Blocks C, D, and the new hostel for female students. Also, there are hostels for postgraduate students. There are also a good number of private student hostels near the University, catering for both female and male students.

Food services

On-campus food services are provided through established university cafeterias, which offer a variety of meals to students. These cafeterias are regularly evaluated for food safety, quality standards, and price control to ensure a high standard of service.

Health services

Ardhi University has a well-established Dispensary where students can access health services 24 Hours a day. The services offered include medical consultation, laboratory services, HIV test

and voluntary counseling, minor surgery, family planning, reproductive and child health services. The dispensary accepts treatment under the National Health Insurance Fund (NHIF).

Health Insurance Services

Students are required to register online with the National Health Insurance Fund through the NHIF Online Registration System (NORS). A student registered in the NHIF online system can access medical services using his/her National Identity Card (NIDA) or NIDA number at any accredited facility throughout Tanzania, including the dispensary at Ardhi University. The health insurance covers students only and does not include students' dependents. Students MUST register with health insurance at the beginning of every academic year.

Resident permit

All foreign students at Ardhi University need to have for the whole period that they will be studying in Tanzania. Registered foreign students, through the Director of Student Services (DSS), are issued an introductory letter to the Immigration Office for a residence permit. If the permit expires, the renewal request should be sent to the Immigration office as well.

Student counseling and general psychosocial support

The University Management understands that there may be difficulties in adjusting to university social life and that students may also face difficulties during the course of academic study. Students who need counseling on non-academic or academic matters may consult the Director of Student Services (DSS) or their Academic Advisors.

At the University, students may be guided or counselled by the relevant offices in the following areas:

- i) General guidance and counseling;
- ii) Spiritual guidance and counseling;
- iii) Counseling on health-related problems;
- iv) Career guidance and counseling; and
- v) Peer education.

Students with Special Needs

The University Management understands that students with special needs may face challenges throughout the course of their academic life and may need support to accomplish their goals. In this regard, the University has a dedicated desk to provide support and services to students with special needs. Students who need any special support or services may consult the Director of Student Services (DSS) or the Director of Diversity Management (DDM).

At the University, students with special needs may be supported in the following areas:

- i) General guidance and counselling support;
- ii) Accommodation Support;
- iii) Academic Support;
- iv) Transport support (for students with physical disability) and
- v) Learning aids support

Students are advised to consult the DSS for further information on the services mentioned above. Any matter/conflict that arises due to unlawful actions linked to any student should be reported to the DSS. This includes police or similar cases.

Religious services

Students at Ardhi University are free to worship at various religious places on and off campus. Off-campus services are available at the University of Dar es Salaam and the Mwenge area, among others. Apart from this, volunteer students provide spiritual guidance and counseling.

Students' Associations

There are two types of student associations: these are Academic Associations and Social Associations. The primary purpose is to support and enhance the student's academic and Social matters. Every ARU student has an opportunity to be involved in these associations.

Sports and games

Sports and Games activities are coordinated by the Office of the Director of Student Services under the Sports and Games Department. Ardhi University offers facilities for sports and recreation, allowing students to participate in popular indoor and outdoor games. There are several clubs for football, basketball, volleyball, netball, pool table, swimming, athletics, table tennis, darts, and traditional games. Students can choose games that interest them.

The University has four playgrounds located around the University compound; these include:

- i) Soccer pitch
- ii) Volleyball and netball courts
- iii) Standard basketball court
- iv) One common room for indoor games like pool table, table tennis, darts, and traditional games like draft and playing cards.

Non-sport entertainment outlets

While studying is students' first priority, there are several entertainment venues close to the University which may meet students' recreational needs. These include the Cinema Hall at Mlimani City Mall and several music venues along University Road in Savei Area. Students may also visit cultural venues at Mwenge Village and the Museum in the City Centre.

Shopping

When students need to shop for personal items or food, there are many conveniently located shops along the University Road in the Savei area. Large supermarkets are located at Mlimani City Mall, where students can buy food and other personal items. If they need stationery items and PC accessories, they may get them at outlets on campus or at the Mlimani City Mall.

The Ardhi University Students' Organisation (ARUSO)

ARUSO is the Ardhi University Students' Organization, established with the primary purpose of safeguarding students' interests. The ARUSO government is composed of the ARUSO President, Vice President, Prime Minister, Principal Secretary, and 12 Ministers, who form the ARUSO Cabinet. On the other hand, the Parliament is composed of the Ardhi University Students' Representative Council (AUSRC) Speaker, Deputy Speaker, Clerk, Chief Information Officer (C.I.O), school secretaries, and Members of Parliament. But also, the Judicial Organ is composed of the Chief Justice, 5 judges, and 4 school representatives who act as advocates for students during court hearings. ARUSO President, Vice President, Members of parliament, AUSRC Speaker, Deputy Speaker, and Clerk are elected annually in the General Students' Elections. The election period is conducted in the second semester of each academic year, as scheduled in the University Almanac. The Director of Students' Service is a guardian and chief advisor of ARUSO. ARUSO offices are located on the first floor of Block A in the ARU halls of residence.

UNIVERSITY PROGRAMMES FOR WHICH DIPLOMA, DEGREES AND POSTGRADUATE COURSES ARE OFFERED

1. SCHOOL OF ARCHITECTURE, CONSTRUCTION ECONOMICS AND MANAGEMENT (SACEM)

- 1) Bachelor of Architecture (B. Arch)
- 2) Bachelor of Science in Interior Design (BSc. ID)
- 3) Bachelor of Science in Landscape Architecture (BSc. LA)
- 4) Bachelor of Science in Quantity Surveying and Construction Economics (BSc QS & CE)
- 5) Bachelor of Science in Construction Management (BSc. CM)
- 6) Bachelor of Science in Building Survey and Construction Maintenance (BSc. BS&CM)
- 7) Master of Architecture (M. Arch.)
- 8) Masters of Science in Construction Economics and Management (MSc. CEM)
- 9) Master of Project Management (MPM)
- 10) Doctor of Philosophy in Architecture (PhD Arch)
- 11) Doctor of Philosophy in Construction Economics and Management (PhD CEM),
- 12) Doctor of Philosophy in Construction Management (PhD CM),
- 13) Doctor of Philosophy in Urban Design by Coursework and Dissertation (PhD UD)

2. SCHOOL OF SPATIAL PLANNING AND SOCIAL SCIENCES (SSPSS)

- 1) Bachelor of Science in Urban and Regional Planning (BSc. URP)
- 2) Bachelor of Science in Regional Development Planning (BSc. RDP)
- 3) Bachelor of Science in Housing and Infrastructure Planning (BSc. HIP)
- 4) Bachelor of Arts in Economics (BA. ECON)
- 5) Bachelor of Arts in Community Development Studies (BA. CDS)
- 6) Master of Science in Urban Planning and Management (MSc UPM) - Evening Programme
- 7) Master of Science in Urban Planning and Management (MSc UPM) – Full Time
- 8) Master of Science in Urban and Regional Development Planning and Management (MSc. URPM)
- 9) Master of Science in Transportation Sciences (MSc TS)
- 10) Doctor of Philosophy in Urban and Regional Planning (PhD URP),
- 11) Doctor of Philosophy in Urban Planning and Management (Housing and Infrastructure),
- 12) Doctor of Philosophy in Economics (PhD Econ)

3. SCHOOL OF EARTH SCIENCES, REAL ESTATES, BUSINESS AND INFORMATICS (SERBI)

- 1) Diploma in Geo-Information Science and Earth Observations (GFM4)
- 2) Bachelor of Science in Geomatics (BSc. GM)
- 3) Bachelor of Science in Information Systems Management (BSc. ISM)
- 4) Bachelor of Science in Geographical Information Systems and Remote Sensing (BSc. GIS & RS)
- 5) Bachelor of Science in Land Management and Valuation (BSc. LMV)
- 6) Bachelor of Science in Real Estate (Finance and Investment) (BSc. REFI)
- 7) Bachelor of Science in Property and Facilities Management (BSc. PFM)
- 8) Bachelor of Science in Accounting and Finance (BSc. AF)
- 9) Bachelor of Science in Computer Systems and Networks (BSc CSN)
- 10) Bachelor of Science in Data Science and Artificial Intelligence (BS. DS&AI)
- 11) Master of Science in Land Administration (MSc LA) (By Coursework and Dissertation)
- 12) Master of Science in Land Management (MSc LM) (By Thesis)
- 13) Master of Science in Real Estate Economics and Finance (MSc. Real Estate Economics and Finance)
- 14) Master of Science in Real Estate Valuation (MSc. Real Estate Valuation)

- 15) Master of Science in Real Estate Business (M.Sc. Real Estate Business)
- 16) Master of Science in Geomatics (MSc. GM)
- 17) Master of Science in Geomatics (MSc. GM) (By Thesis)
- 18) Master of Science in Geographical Information Systems and Remote Sensing (MSc. GIS AND RS) -Fulltime
- 19) Master of Science in Geographical Information Systems and Remote Sensing (MSc. GIS AND RS) -Evening
- 20) Master of Science in Geographical Information Systems (MSc. GIS)
- 21) Doctor of Philosophy in Geospatial Sciences (PhD. GS)
- 22) Doctor of Philosophy in Real Estate (PhD. RE)
- 23) Doctor of Philosophy in Land Administration (PhD. LA)
- 24) Doctor of Philosophy in Real Estate Economics (PhD. REE)
- 25) Doctor of Philosophy in Land Management (PhD LM)

4. SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES (SEES)

- 1) Bachelor of Science in Environmental Engineering (BSc. EE)
- 2) Bachelor of Science in Environmental Science and Management (BSc. ESM)
- 3) Bachelor of Science in Municipal and Industrial Services Engineering (BSc. MISE)
- 4) Bachelor of Science in Environmental Laboratory Science and Technology (BSc. ELST)
- 5) Bachelor of Science in Civil Engineering (BSc. CE)
- 6) Master of Disaster Risk Management (M.DRM) Degree Programme (By Coursework and Dissertation)
- 7) Master of Science in Disasters Risk Management (MSc.DRM) (By Coursework and Dissertation)
- 8) Master of Science in Environmental Technology and Management (M.Sc. ETM) (By Coursework and Dissertation).
- 9) Master of Science in Environmental Technology and Management (MSc ETM) (By Thesis)
- 10) Doctor of Philosophy in Environmental Engineering (PhD EE),
- 11) Doctor of Philosophy in Environmental Technology and Management (PhD ETM),
- 12) Doctor of Philosophy in Environmental Science and Management (PhD ESM),
- 13) Doctor of Philosophy in Disaster Management (PhD DM),
- 14) Doctor of Philosophy in Laboratory Science and Technology (PhD LST)
- 15) Doctor of Philosophy in Civil Engineering (By Thesis)

5. INSTITUTE OF HUMAN SETTLEMENTS STUDIES IHSS)

- 1) Master of Science in Public Policy Analysis and Programme Management (MSc. PPA&PM)
- 2) Master of Science in Housing (MSc. Housing)
- 3) Master of Science in Urban Governance and Environmental Studies Management (MSc. URGEM)
- 4) Doctor of Philosophy in Built Environment Analysis (PhD BEA),
- 5) Doctor of Philosophy in Climate Change Studies (PhD CCS),
- 6) Doctor of Philosophy in Housing and Settlements Studies (PhD HSS),
- 7) Doctor of Philosophy in Policy Analysis and Programme Management (PhD PAMP),
- 8) Doctor of Philosophy in Development Studies (PhD DS)
- 9) Doctor of Philosophy in Urban Governance and Environmental Studies (URGEM) (By Coursework and Dissertation)

UNDERGRADUATE ADMISSION AND REGISTRATION REGULATIONS

1. Applicants with the following direct and equivalent entrance qualifications: “A” level, Diploma, International Baccalaureate (IB) Diploma, NTA level 6 or UQF 6, Cambridge International and FTC can apply directly to the University through an online application system <http://admission.aru.ac.tz>. All important information and instructions regarding application process, programmes on offer and entry requirements will be available on the University’s website.
2. All admitted applicants are required to report at the University and attend the orientation programme during the week before the beginning of the teaching session of the new academic year.
3. All admitted applicants are required to pay fees and any other prescribed costs in the admission letter and accomplish all registration requirements within prescribed registration period.
4. Admitted applicants who have accomplished all registration requirements within the prescribed period shall be legally recognized as Ardhi University students.
5. Students will only use names appearing on their academic certificates; no change of names will be allowed during the course of study at the University.
6. Fees and any other prescribed costs paid to the University shall not be refunded.
7. All students are required to register at the beginning of each Semester. The deadline for registration of first year and continuing students will be the Friday of the second week after the beginning of the Semester.
8. All registered students are expected to conform entirely to University regulations.
9.
 - a) Students may transfer from one academic programme to another in Semester one of Year I only.
 - b) Transferring from one academic programme to another will be allowed only where the student has the required admission criteria for the academic programme for which transfer is being sought and a vacancy exists in that programme.
 - c) No first-year student will be allowed to transfer from one academic programme to another later than the Friday of the fourth week after the beginning of the first semester.
 - c) After approval of student’s transfer from one programme to another, the respective student will not be allowed to retransfer/return to the previous programme he/she was admitted or transfer to another programme.
10. Transfer of credits from other Universities to Ardhi University and the vice-versa is allowed. However, the process will be guided by the Guidelines and Procedures for Student Credit Accumulation and Transfer regulations.
11. Students discontinued on academic grounds wishing to re-apply may be allowed to apply
12. Students discontinued from studies because of examination irregularities will be considered for re-admission after being away for one academic year . They will be required to re-apply and compete with other applicants for re-admission into first year.
13. No student will be allowed to postpone studies except under special circumstances. Permission to postpone studies will be considered after producing satisfactory evidence of the reasons for postponement. Special circumstances shall include:
 - a) Sickness;
 - b) Social problems (each case to be considered on its own merit);
 - c) Sponsorship/financial problems.
14. In case of postponement of studies under the circumstances in regulation 13 above:
 - a) Requests should be submitted on or before the end of the teaching session of the respective Semester;
 - b) A student shall be considered to have postponed studies after his/her request has been approved.
 - c) The student who has postponed studies is required to resume studies after expiry of the postponement period to proceed with the same Semester where he/she has left off.

- d) A student who fails to resume studies after expiry of the postponement period with compelling reasons shall be required to request for extension of postponement of studies for another one year subject to producing satisfactory evidences.
 - e) A student who has postponed studies shall not be allowed to carry out any academic activities during the postponement period.
15. A student shall be allowed to be away from studies with compelling reasons and supporting evidence(s) for a maximum period of two years.

Admission and Registration of Short-Term Students to Undergraduate Degree Courses

1. A short-term student is one whose duration of studentship at Ardhi University is one academic year; which comprises of two semesters (i.e., Semesters 1 and 2).
2. Applications will only be considered from applicants possessing Ardhi University entry qualifications (or higher) for admission to respective undergraduate programmes; and where vacancies exist.
3. No change of courses shall be allowed once a student has been registered.
4. Application procedure:
 - 4.1 The short term applicant must be admitted and registered in another University/College and pursuing a program related to the one which she/he has applied for.
 - 4.2 The application must be submitted through the applicant's University/College to reach the Deputy Vice Chancellor – Academic, Research and Consultancy at least two months before the beginning of the Semester to which admission is sought; -
 - 4.3 The applicant should submit a recommendation letter from the University/College where he/she is registered.
5. A short-term student is required to register as a student of Ardhi University for one full academic year at the beginning of any year of study to which admission is sought. Registration shall follow Ardhi University Admission and Registration Regulations, unless otherwise specified in agreement of the Universities.
6. A registered short-term student shall abide by all regulations governing students of Ardhi University unless otherwise stated.
7. A non-Tanzanian student is expected to comply with all immigration formalities in force including visa and/or resident permit as the case may be.
8. A short-term student shall sit for University examinations at the end of each semester as provided for under Ardhi University Examination Regulations.
9. University Examination regulations shall apply in processing examination results for a short-term student unless otherwise specified in agreement of the Universities.
10. A short-term student shall be referred back to his/her home University in case of serious breach of University's Examination Regulations or Students By-laws.
11. Upon successful completion of studies at Ardhi University, a short-term student shall be awarded a Statement of Results.
12. A short-term student shall pay fees as prescribed by the University. Those under special arrangements shall pay fees as prescribed in their governing arrangement (if any). Non- Tanzanian students will pay the fees in convertible foreign currency (e.g., US\$ etc.)

Fees:

S/N	Description	Rate (U\$)
1	Tuition fees depending on programme as per undergraduate tuition fee structure	1,500 U\$ or 2,100 U\$ ¹
2	Application fee	20
3	Registration fee	100
4	Examination fee	100 (per exam)
5	Medical capitation fee	300
6	Caution money	100
7	Students' Union	20
8	Student Identity Card	10
9	Special faculty requirement	30 (per month)

¹ Depending on programme

Admission and Registration of Occasional Students to Undergraduate Degree courses

1. An occasional student is one whose duration of studentship is one Semester.
2. The entrance qualifications shall be in accordance with requisite entry qualifications (or higher) for admission to respective undergraduate programmes; and where vacancies exist.
3. Before opting to register at Ardhi University as an occasional student, an applicant must read, understand and acquaint herself/himself with the programme s/he wants to pursue so as to make an informed decision. No change of programme is allowed once a student has been registered.
4. Application procedure:
 - 4.1 The application must be submitted through the applicant's University/College, to reach the Ardhi University Deputy Vice Chancellor – Academic, Research and Consultancy at least two months before the beginning of the semester to which admission is sought.
 - 4.2 The applicant shall submit application documents together with a letter of recommendation from his/her University/College.
5. A non-Tanzanian student is expected to comply with all immigration formalities in force including visa and/or resident permit as the case may be.
6. Occasional student may be admitted and registered in any Semester of preferred year of study.
7. An occasional student will sit for an examination at the end of the semester which he/she registered for. Examination results of occasional students shall be processed and approved and a Statement of Results shall be issued.
8. An occasional student shall be referred back to his/her home University in case of breach of University's Examination Regulations or Students By-laws.
9. An occasional student shall pay fees as prescribed by the University. Those under special programmes shall pay fees as prescribed in their governing arrangement (if any).

Fees:

SN	Description	Rate (U\$)
1	Tuition fees depending on programme as per undergraduate tuition fee structure	1,500 U\$ or 2,100 U\$ ²
2	Application fee	20
3	Registration fee	100
4	Examination fee	100 (per exam)
5	Medical capitation fee	300
6	Caution money	100
7	Students' Union	20
8	Student Identity Card	10
9	Special faculty requirement	30 (per month)

All correspondences should be addressed to:

The Deputy Vice Chancellor - Academic Research and Consultancy (DVC-ARC)

Ardhi University,

P.O. Box 35176,

Dar es Salaam, Tanzania.

E-mail: aru@aru.ac.tz

Tel. Direct Line 0738-357311

² Depending on programme

General Minimum Entrance Requirements

A candidate shall be deemed eligible for consideration for admission to a first – degree programme of Ardhi University if the candidate has obtained:

- A. Certificate of Secondary Education Examination (C. S. E. E.) or equivalent, with passes in FOUR approved subjects, obtained prior to sitting for the Advanced Certificate of Secondary Education Examination (A. C. S. E. E.) or equivalent

AND

- B. Advanced Certificate of Secondary Education Examination (A. C. S. E. E.), with TWO principal level passes in appropriate subjects, with total points not below 4.0 based on the following grade to point conversion scale:
- i) Before 2014 and 2016 onwards: A = 5, B = 4, C = 3, D = 2, E = 1, S = 0.5, F = 0 where; A, B, C, D, E are principal passes; S is a subsidiary pass
 - ii) For 2014 and 2015: A = 5, B+ = 4, B = 3, C = 2, D = 1; E = 0.5, F = 0 where; A, B+, B, C are principal passes; D is a pass, and E is subsidiary pass
- C An appropriate Diploma such as NACTE Ordinary Diploma (NTA level 6/UQF 6) or FTC with at least a GPA of 3.0,.

NB: Principal level passes and passes in Religious and General studies are not counted.

Applicants from countries which follow an 8–4–4 education system need to complete at least one year of study at a University in their own countries before they can be considered for admission.

Admission Procedure

The admission procedure requires:

- i) All applications will be done online through the Ardhi University Online Admission System accessible in the Ardhi University website through <http://admission.aru.ac.tz/>
- ii) All applicants to lodge their applications and queries pertaining to admission processes directly through Ardhi University;
- iii) Applicants should carefully read and understand the procedures and admission requirements for the respective programmes they anticipate to apply for, which will be available in the university's website;
- iv) Applicants should ensure that they have adequate information for the programmes of their choice, taking into account competition, one's passes and career aspirations;
- v) Applicants should ensure that their names and index numbers used during application for admission match with those used during previous examinations;
- vi) All applicants holding foreign qualifications should have their qualifications validated and equated by the respective regulatory bodies (NECTA or NACTE) before submitting their applications for admissions as follows:
 - a) The National Examinations Council of Tanzania in respect of certificates of secondary education and teacher education; and
 - b) The National Council for Technical Education in respect of NTA level 6 qualifications.
- vii) Students should make adequate arrangements to meet the cost related to the programme being applied for

UNDERGRADUATE PROGRAMMES AND SPECIFIC ENTRANCE REQUIREMENTS

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
School of Architecture, Construction Economics and Management (SACEM)				
1	Bachelor of Architecture (B.Arch)	AR001	<p>Two principal passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Geography, Computer Science or Fine Art.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Advanced Mathematics or Basic Applied Mathematics at A-level or a minimum of "C" grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Architecture, Architectural Technology, Civil Engineering, or Civil and Transportation Engineering with an average of "B" or a minimum GPA of 3.0.</p> <p>In addition, an applicant must have at least 'D' Grade in Mathematics at O-Level or a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A- Level.</p>
2	Bachelor of Science in Interior Design (BSc ID)	AR002	<p>Two principal passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Geography, Computer Science or Fine Art.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Advanced Mathematics or Basic Applied Mathematics at A-level or a minimum of "C" grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Architecture, Architectural Technology, Civil Engineering or Civil and Transportation Engineering with an average of "B" or a minimum GPA of 3.0.</p> <p>In addition, an applicant must have at least 'D' Grade in Mathematics at O-Level or a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A- Level.</p>
3	Bachelor of Science in Landscape Architecture (BSc LA)	AR003	<p>Two principal passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Geography, Computer Science or Fine Art.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Advanced Mathematics or Basic Applied Mathematics at A-level or a minimum of "C" grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Architecture, Architectural Technology, Civil Engineering or Civil and Transportation Engineering with an average of "B" or a minimum GPA of 3.0.</p> <p>In addition, an applicant must have at least 'D' Grade in Mathematics at O-Level or a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A-Level.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
4	Bachelor of Science in Quantity Surveying and Construction Economics (BSc. QS & CE)	AR025	<p>Two principal level passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Computer Science, Economics or Accountancy.</p> <p>In addition, an applicant must have at least a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A-Level and a minimum of “D” grade in Physics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Architecture, Quantity Surveying, Civil Engineering, Civil and Transport Engineering, Civil Engineering with Community Development with an average of “B” or a minimum GPA of 3.0.</p> <p>In addition, an applicant must have at least ‘D’ Grade in Mathematics at O –Level or a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A- Level.</p>
5	Bachelor of Science in Construction Management (BSc. CM)	AR 070	<p>Two principal level passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Computer Science, Economics or Accountancy. ;</p> <p>In addition, an applicant must have at least a subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A-level and a minimum of “D” grade in Physics or Mathematics at O-Level.</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB) or Full Technician Certificate in Architecture, Quantity Surveying, Civil Engineering, Civil and Transport Engineering, Civil Engineering with Community Development with an average of “B” or a minimum GPA of 3.0.</p>
6	Bachelor of Science in Building Surveying and Construction Maintenance (BSc. BS&CM)	AR 071	<p>Two principal level passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Computer Science, Economics, Geography or Accountancy.</p> <p>In addition, an applicant must have at least a subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A-level and a minimum of “D” grade in Physics at O-Level.</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB) or Full Technician Certificate in Architecture, Quantity Surveying, Civil Engineering, Civil and Transport Engineering, Civil Engineering with Community Development with an average of “B” or a minimum GPA of 3.0.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
School of Spatial Planning and Social Sciences (SSPSS)				
7	Bachelor of Science in Housing and Infrastructure Planning (BSc HIP)	AR012	<p>Two principal level passes in any of the following subjects: Physics, Chemistry, Computer Science, Biology, Advanced Mathematics, Geography or Economics.</p> <p>In addition, an applicant must have at least a “D” grade in Advanced Mathematics or a subsidiary grade in Basic Applied Mathematics or a minimum of “B” grade in Basic Mathematics at O-Level</p>	<p>Diploma NTA 6, UQF 6 or Full Technician Certificate (FTC) in Housing, Civil Engineering, Transportation Engineering, Civil and Transportation Engineering, Civil Engineering with Community Development, Geography and Environmental Science, Rural Development Planning, Land Surveying/Geomatics, Development Planning, Climate Change, Meteorology, Community Development, GIS and Remote Sensing, Water Supply and Sanitation Engineering, Cartography or Urban and Regional Planning with an average of “B” or a minimum GPA of 3.0.</p> <p>In addition, candidates must have principal passes in O-Level or a Subsidiary in Mathematics and Physics in ACSEE.</p>
8	Bachelor of Science in Regional Development Planning (BSc RDP)	AR016	<p>Two principal level passes in any of the following subjects: Physics, Chemistry, Biology, Advanced Mathematics, Computer Science, Geography, Economics, Commerce or Accountancy.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Basic Applied Mathematics or “D” grade in Advanced Mathematics at A-Level or a minimum of “C” grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Environment and Coastal Resources Management, Geoinformatics for Natural Resources Management, Land Use Planning, Climate Change, Meteorology, Land Resources Management, Rural Planning, Regional Development Planning, Land Surveying/Geomatics, Environmental Science, Geography and Environmental Studies, GIS and Remote Sensing, Rural Development, Economic Planning, Development Planning and Management, Development Administration and Management, Governance and Development, Disaster Management or Urban and Regional Planning with an average of “B” or a minimum GPA of 3.0.</p> <p>In addition, candidates must have a principal pass at O-Level or a subsidiary in Mathematics at A-Level</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
9	Bachelor of Science in Urban and Regional Planning (BSc URP)	AR018	<p>Two principal level passes in any of the following subjects: Physics, Chemistry, Biology, Advanced Mathematics, Geography, Economics, Computer Science, Commerce or Accountancy.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Basic Applied Mathematics at A-level OR a minimum of D grade in Advanced Mathematics at A-level OR a minimum of "C" grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Cartography, Urban Planning, Urban Design, Physical Planning, Land Use Planning, Land Surveying/Geomatics, Urban Transport Planning, GIS and Remote Sensing, Climate Change, Meteorology, Environmental Science, Development Planning, Urban and Regional Planning, Disaster Management or Governance and Development with an average of "B" or a minimum GPA of 3.0.</p> <p>In addition, candidates must have a principal pass at O-Level or a subsidiary in Mathematics at A-Level</p>
10	Bachelor of Arts in Economics (BAE)	AR019	<p>A principal pass in Economics AND a principal pass in any of the following subjects: Geography, History, Commerce, Accountancy, Physics, Chemistry or Advanced Mathematics.</p> <p>In addition, an applicant must have at least a subsidiary level pass in Advanced Mathematics or Basic Applied Mathematics at A-level or a minimum of "D" grade in Basic Mathematics at O-Level.</p>	<p>Diploma or Full Technician Certificate (FTC) in Business Administration, Accountancy, Accounting and Finance, Business Management, Banking and Finance, Business Management and Administration, Taxation, Economics and Finance, Local Government Accounting and Finance, Public Sector Accounting and Finance or Economic Development with an average of "B" or a minimum GPA of 3.0.</p>
11	Bachelor of Arts in Community Development (BA. CDS)	AR023	<p>Two principal level passes in any of the following subjects: History, Kiswahili, English Language, Geography, Computer Science, Economics, Commerce, Accountancy, Physics, Chemistry, Biology, Advanced Mathematics, Agriculture or Nutrition</p>	<p>Diploma or Full Technician Certificate (FTC) in Community Development, Social Work, Development Planning, Local Government Administration, Governance and Development, Gender Development, Social Studies, Gender Issues and Development or Economic Development with an average of "B" or a minimum GPA of 3.0.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
School of Earth Sciences, Real Estate, Business and Informatics (SERBI)				
12	Bachelor of Science in Geomatics (BSc GM)	AR005	<p>A principal level pass in Advanced Mathematics AND a principal level pass in either Physics or Geography or Chemistry or Computer Science</p> <p>In addition, if the second principal level pass is not Physics, the candidate MUST have at least a subsidiary level pass in Physics at A-Level or at least a "C" grade in Physics at O-Level in addition to the two principal level passes.</p>	<p>Diploma (NTA 6 or UQF 6) or FTC in Geomatics or Land Surveying, Geology, Civil Engineering, Water Resource Engineering, Navigation, Mining Engineering, Hydrographic Surveying, Geophysics or Cartography or Computer Science, Computer Engineering, Geosciences, Geographical Information System (GIS) and Remote Sensing or Geoinformatics with an average of "B" or a minimum GPA of 3.0.</p> <p>In addition, equivalent entry applicants MUST have at least a subsidiary level pass in Mathematics at A-Level or at least a "D" grade in Mathematics and or Physics at O-Level</p>
13	Bachelor of Science in Land Management and Valuation (BSc LMV)	AR013	<p>Two Principal level passes in any of the following subjects: Geography, Economics, Advanced Mathematics, History, Commerce, Accountancy, Physics, Biology, Chemistry and Computer Science</p> <p>In addition, an applicant MUST have at least a 'C' grade in Mathematics and "D" grade in English Language at O-Level.</p>	<p>Diploma (NTA Level 6 or UQF 6) or Full Technician Certificate (FTC) in Land Management and Valuation, Land Management with Information Systems, Land Use Planning, Land Resources Management, Land Management Valuation and Registration, Law, Land Conflicts Management or Geomatics with an average of "B" or a minimum GPA of 3.0 from a recognised learning institution.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
14	Bachelor of Science in Property and Facility Management (BSc PFM)	AR015	<p>Two principal level passes in any of the following subjects: Geography, Economics, Advanced Mathematics, History, Literature in English, Commerce, Accountancy, Physics, Biology, Computer Science and Chemistry.</p> <p>In addition, a candidate MUST have at least a subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A.C.S.E.E or at least a 'C' grade at C.S.E.E. Furthermore, a candidate MUST have at least a 'D' grade in English Language at C.S.E.E</p>	Ordinary Diploma (NTA Level 6 or UQF 6) or Full Technician Certificate (FTC) in Land Management and Valuation, Maintenance, Architecture or Quantity Surveying with GPA of 3 or an average of "B".
15	Bachelor of Science in Real Estate, Finance and Investment (BSc REFI)	AR017	<p>Two principal passes in the following subjects: History, Geography, Economics, Commerce, Advanced Mathematics, Accountancy, Physics, Chemistry, Biology, Agriculture, Computer Science, Business Studies at A.C.S.E.E.</p> <p>AND</p> <p>(a) A pass in English at Grade "D" or above at O-Level or a Pass in English Language or Literature in English at A-Level</p> <p>AND</p> <p>(b) At least a Subsidiary pass in Advanced Mathematics or Basic Applied Mathematics at A-Level or a grade of 'D' or higher at O-level in Basic Mathematics</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Accounting, Business Administration, Banking, Finance, Procurement and Logistics Management, Commerce, Public Sector Accounting, Tax Management, Auditing, Supply Chain Management, Land Management, Land Surveying, Marketing, Project Planning and Management, Community Development, Economics, Planning, Engineering, Hospitality and Tourism, Commercial and Business Support Services, Transport and Logistics or Construction Management with an average of "B" or a minimum GPA of 3.0.</p> <p>Candidates applying under Equivalent Qualifications must have passed English or Mathematics at C.S.E.E</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
16	Bachelor of Science in Information Systems Management (BSc ISM)	AR020	A principal level pass in Mathematics at A-level AND a principal level pass in either Physics or Geography or Chemistry or Computer Science or Economics or Business Studies or Accountancy in A.C.S.E.E.	Diploma (NTA 6, UQF 6 or International Baccalaureate (IB) or Full Technician Certificate in Information and Communication Technology, Computer Science, Computer Engineering, Data Science, Electronics and Telecommunication Engineering, Computing and Information Technology Engineering, Information Systems Management, Computer Systems and Networks, Electrical and Electronics Engineering or Information System and Network with an average of “B” or a minimum GPA of 3.0. In addition, candidates applying under Equivalent Qualifications must have a “C” of Mathematics at O-Level
17	Bachelor of Science in Accounting and Finance (BSc AF)	AR022	a) Two principal passes in the following subjects: History, Geography, Economics, Commerce, Advanced Mathematics, Accountancy, Physics, Chemistry, Biology, Agriculture, Computer Science, Business Studies, Fine Arts, Music, Theatre Arts, Textile Garment Construction, Sports or Nutrition. AND (b) A pass in English at Grade “D” or above at O-Level or a pass in English/English Literature at A-Level AND (c) A pass in Mathematics at Grade “D” or above at O-Level or a Pass in Mathematics at A-Level.	Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Accounting, Business Administration, Banking, Finance, Procurement and Logistics Management, Commerce, Public Sector Accounting, Tax Management, Auditing, Supply Chain Management, Land Management, Land Surveying, Marketing, Project Planning and Management, Community Development, Economics, Planning, Engineering, Hospitality and Tourism, Commercial and Business Support Services, Transport and Logistics or Construction Management with an average of “B” or a minimum GPA of 3.0. Candidates applying under Equivalent Qualifications must have passed English or Mathematics at C.S.E.E.

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
18	Bachelor of Science in Geographical Information Systems and Remote Sensing (BSc. GIS and RS)	AR024	<p>Two principal level passes in any of the following subjects: Advanced Mathematics, Physics, Chemistry, Geography, Computer Science, Biology, or Agriculture.</p> <p>In addition, a candidate MUST have at least a Subsidiary level pass in Mathematics at A-Level or at least a “C” grade at O-Level</p>	<p>Diploma (NTA 6, or UQF 6 or Full Technician Certificate Geomatics or Land Surveying, Cartography, Geoinformatics, Computer Science, Computer Engineering, Remote Sensing, Geography, Geography and Environmental Studies, Climate Change Studies, Meteorology, Information System Management, Geodesy, Civil Engineering, Geology, Environmental Engineering, Environmental Science, Forestry, Navigation, Public Health and Epidemiology, Agricultural Sciences, Mining Engineering, Wildlife Management, Land Management and Valuation, Urban and Rural Planning, Geophysics, Information Technology, Computer Networks, Computing and Information Communication, Civil Engineering, Civil and Transportation Engineering, Telecommunication Engineering, Highway Engineering, Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology and Well Drilling, Hydrology and Meteorology, Irrigation Engineering or Water Resources Engineering with an average of “B” or a minimum GPA of 3.0.</p> <p>In addition, equivalent entry applicants MUST have at least a subsidiary level pass in Mathematics at A.C.S.E.E. or at least a “D” grade in Mathematics and or Physics at C.S.E.E.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
19	Bachelor of Science in Computer Systems and Networks (BSc CSN)	AR027	A principal level pass in Advanced Mathematics at A-Level AND a Principal level pass in either Physics or Geography or Chemistry or Computer Science or Economics or Business Studies or Accountancy	Diploma (NTA 6, UQF 6 or International Baccalaureate (IB) or Full Technician Certificate in Information and Communication Technology, Computer Science, Computer Engineering, Data Science, Electronics and Telecommunication Engineering, Computing and Information Technology Engineering, Information Systems Management, Computer Systems and Networks, Electrical and Electronics Engineering or Information System and Network Technology. with an average of “B” or a minimum GPA of 3.0. In addition, candidates applying under Equivalent Qualifications must have a “C” grade in Mathematics at O-Level
20	Bachelor of Science in Data Science and Artificial Intelligence (BSc DSAI)	AR030	A principal level pass of Mathematics at A-Level AND a Principal level pass in either Physics or Geography or Chemistry or Computer Science or Economics or Business Studies or Accountancy in A.C.S.E.E.	An appropriate equivalent Diploma such as NACTE Ordinary Diploma (NTA level 6) with at least a GPA of 3.0 from recognized institutions in Information and Communication Technology, Computer Science, Computer Engineering, Data Science, Electronics and Telecommunication Engineering, Computing and Information Technology engineering, Information Systems management, Computer Systems and Networks, Electrical and Electronics Engineering and Information System and Network Technology. In addition, candidates applying under Equivalent Qualifications must have a C in Mathematics in C.S.E.

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
School of Engineering and Environmental Studies (SEES)				
21	Bachelor of Science in Environmental Engineering (BSc EE)	AR009	<p>Two Principal level passes in any of the following subjects; Physics, Advanced Mathematics, Chemistry, Computer Science and Biology</p> <p>In addition, an applicant must have at least a Subsidiary level pass in Physics and Advanced Mathematics or Basic Applied Mathematics at A.C.S.E.E.</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Civil Engineering with Community Development, Hydrology Engineering, Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology & Well Drilling, Hydrology & Meteorology, Water Laboratory Technology, Irrigation Engineering, Civil Engineering or Water Resources Engineering, Environmental Science and Engineering, Environmental and Occupational Health, Public Health Engineering, Sanitation Engineering, Environmental Technology and Management, Disaster Risk Engineering, Natural Resources Management, Integrated Water Resources Management, Renewable Energy, Integrated Environmental Management, Environmental Engineering, Environmental Science and Management, Industrial Services engineering, Municipal Services engineering, Laboratory Science and Technology, Hydraulic Engineering, Environmental Sanitation and Hygiene Management, Irrigation and Water Resources Engineering; Water and Environmental Engineering; Water & Wastewater Technology; Water Resources Management; Water Resources Management; Water Resources and Environment; Land and Water Resource Management; Water Resources & Geo-Environmental Sciences; Environmental Science and Water Management; Water Operation Engineering; Environmental and Water Resources Engineering; Environmental and Water Science; Water Science and Engineering; Environmental and Water Science; Water and Wastewater. Management; Water & Wastewater Technology; Water Management; Water Quality Management; Environment and Public Health; Environmental Studies; Environmental Science with an average of “B” or a minimum GPA of 3.0</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
22	Bachelor of Science in Environmental Science and Management (BSc. ESM)	ARO11	<p>Two Principal level passes in any of the following subjects; Physics, Advanced Mathematics, Chemistry, Biology, Agriculture, Food and Human Nutrition and Geography. One of the two principal level passes MUST be in Physics or Chemistry or Biology.</p> <p>In addition, an applicant must have at least a Subsidiary level pass in Advanced Mathematics or Basic Applied Mathematics at ACSEE.</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology & well drilling, Hydrology & Meteorology, Water Laboratory Technology, Irrigation Engineering, Hydrology Engineering, Civil Engineering, Civil Engineering with Community Development or Water Resources Engineering, Environmental Science and Engineering, Environmental and Occupational Health, Public Health, Sanitation, Environmental Technology and Management, Disaster Risk Management, Natural Resources Management, Integrated Water Resources Management, Climate Change, Renewable Energy, Integrated Environmental Management, Environmental Engineering, Environmental Science and Management, Industrial Services engineering, Municipal Services engineering, Laboratory Science and Technology, Hydraulic Engineering, Environmental Sanitation and Hygiene Management; Water Resources and Irrigation Engineering; Water and Environmental Engineering; Water & Wastewater Technology; Water Resources Management; Water Resources Management; Water Resources and Environment; Land and Water Resource Management; Water Resources & Geo-Environmental Sciences; Environmental Science and Water Management; Water Operation Engineering; Environmental and Water Resources Engineering; Environmental and Water Science; Water Science and Engineering; Environmental and Water Science; Water and Wastewater. Management; Water & Wastewater Technology; Water Management; Water Quality Management; Environment and Public Health; Environmental Studies; Environmental Science. with an average of "B" or a minimum GPA of 3.0</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
23	Bachelor of Science in Municipal and Industrial Services Engineering (BSc. MISE)	ARO14	<p>Two Principal level passes in any of the following subjects; Physics, Advanced Mathematics, Chemistry, Computer Science and Biology</p> <p>In addition, an applicant must have at least a Subsidiary level pass in Physics and Advanced Mathematics or Basic Applied Mathematics at A.C.S.E.E</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology & well drilling, Hydrology & Meteorology, Water Laboratory Technology, Irrigation Engineering, Hydrology Engineering, Civil Engineering, Civil Engineering with Community Development or Water Resources Engineering, Environmental Science and Engineering, Environmental and Occupational Health, Public Health, Sanitation, Environmental Technology and Management, Disaster Risk Management, Natural Resources Management, Integrated Water Resources Management, Climate Change, Renewable Energy, Integrated Environmental Management, Environmental Engineering, Environmental Science and Management, Industrial Services engineering, Municipal Services engineering, Laboratory Science and Technology, Hydraulic Engineering, Environmental Sanitation and Hygiene Management; Water Resources and Irrigation Engineering; Water and Environmental Engineering; Water & Wastewater Technology; Water Resources Management; Water Resources Management; Water Resources and Environment; Land and Water Resource Management; Water Resources & Geo-Environmental Sciences; Environmental Science and Water Management; Water Operation Engineering; Environmental and Water Resources Engineering; Environmental and Water Science; Water Science and Engineering; Environmental and Water Science; Water and Wastewater. Management; Water & Wastewater Technology; Water Management; Water Quality Management; Environment and Public Health; Environmental Studies; Environmental Science. with an average of "B" or a minimum GPA of 3.0</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
24	Bachelor of Science in Civil Engineering (BSc. CE)	AR021	<p>A Principal level pass in Advanced Mathematics AND principal level pass in either Physics or Chemistry or Geography or Computer Science.</p> <p>The candidate MUST have taken Physics at A-Level. Candidates without Principal level pass in Chemistry at A-Level must have at least a Pass at O-Level.</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB)) or Full Technician Certificate in Civil Engineering with Community Development, Hydrology Engineering, Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology & Well Drilling, Hydrology & Meteorology, Water Laboratory Technology, Irrigation Engineering, Civil Engineering or Water Resources Engineering, Environmental Science and Engineering, Environmental and Occupational Health, Public Health Engineering, Sanitation Engineering, Environmental Technology and Management, Disaster Risk Engineering, Natural Resources Management, Integrated Water Resources Management, Renewable Energy, Integrated Environmental Management, Environmental Engineering, Environmental Science and Management, Industrial Services engineering, Municipal Services engineering, Laboratory Science and Technology, Hydraulic Engineering, Environmental Sanitation and Hygiene Management, Irrigation and Water Resources Engineering; Water and Environmental Engineering; Water & Wastewater Technology; Water Resources Management; Water Resources Management; Water Resources and Environment; Land and Water Resource Management; Water Resources & Geo-Environmental Sciences; Environmental Science and Water Management; Water Operation Engineering; Environmental and Water Resources Engineering; Environmental and Water Science; Water Science and Engineering; Environmental and Water Science; Water and Wastewater. Management; Water & Wastewater Technology; Water Management; Water Quality Management; Environment and Public Health; Environmental Studies; Environmental Science with an average of “B” or a minimum GPA of 3.0.</p>

S/N	Programme	Code	F6 Admission Requirements 2024/2025	Diploma Admission Requirements 2024/2025
25	Bachelor of Science in Environmental Laboratory Science and Technology (BSc. ELST)	ARO26	<p>Two Principal level passes in any two of the following subjects; Physics, Advanced Mathematics, Chemistry, Biology, Agriculture, Food and Human Nutrition and Geography. One of the two principal level passes MUST be in Physics or Chemistry or Biology.</p> <p>In addition, an applicant must have at least a Subsidiary level pass in Mathematics at A-Level</p>	<p>Diploma (NTA 6, UQF 6 or International Baccalaureate (IB) or Full Technician Certificate in Water Supply and Sanitation Engineering, Environmental Health Science, Hydrogeology & well drilling, Hydrology & Meteorology, Water Laboratory Technology, Irrigation Engineering, Hydrology Engineering, Civil Engineering, Civil Engineering with Community Development or Water Resources Engineering, Environmental Science and Engineering, Environmental and Occupational Health, Public Health, Sanitation, Environmental Technology and Management, Disaster Risk Management, Natural Resources Management, Integrated Water Resources Management, Climate Change, Renewable Energy, Integrated Environmental Management, Environmental Engineering, Environmental Science and Management, Industrial Services engineering, Municipal Services engineering, Laboratory Science and Technology, Hydraulic Engineering, Environmental Sanitation and Hygiene Management; Water Resources and Irrigation Engineering; Water and Environmental Engineering; Water & Wastewater Technology; Water Resources Management; Water Resources and Environment; Land and Water Resource Management; Water Resources & Geo-Environmental Sciences; Environmental Science and Water Management; Water Operation Engineering; Environmental and Water Resources Engineering; Environmental and Water Science; Water Science and Engineering; Water and Wastewater. Management; Water & Wastewater Technology; or Water Management with an average of “B” or a minimum GPA of 3.0.</p>

BURSARIES AND FEES FOR UNDERGRADUATE PROGRAMMES

At the beginning of the academic year, all students will be required to produce evidence of sponsorship by the Government or any other organizations, otherwise they will be expected to pay full tuition and University fees for the full first year, by the beginning of the semester before they can be permitted to use the University facilities.

All local payments for fees should be by Bankers Cheques payable to the Director of Finance and Accounts, ARU or by other acceptable modes with approval of the Director of Finance and Accounts must be receipted.

Tuition Fees

Programme	Amount per year
<ol style="list-style-type: none"> 1. Bachelor of Science in Environmental Engineering (BSc. EE) 2. Bachelor of Science in Environmental Science and Management (BSc. ESM) 3. Bachelor of Science in Municipal and Industrial Services Engineering (BSc. MISE) 4. Bachelor of Architecture (B. Arch) 5. Bachelor of Science in Interior Design (BSc. ID) 6. Bachelor of Science in Landscape Architecture (BSc. LA) 7. Bachelor of Science in Geomatics (BSc. Gm) 8. Bachelor of Science in Information Systems Management (BSc. ISM) 9. Bachelor of Science in Geographical Information Systems and Remote Sensing (BSc. GIS & RS) 10. Bachelor of Science in Environmental Laboratory Science and Technology (BSc ELST) 11. Bachelor of Science in Computer Systems and Networks (BSc CSN) 12. Bachelor of Science in Data Science and Artificial Intelligence (BSc DSAI) 	<p>Tshs 1,100,000 (locals)</p> <p>\$1,500 (foreigners)</p>
<ol style="list-style-type: none"> 1. Bachelor of Science in Urban and Regional Planning (BSc. URP) 2. Bachelor of Science in Regional Development Planning (BSc. RDP) 3. Bachelor of Science in Housing Infrastructure Planning (BSc. HIP) 4. Bachelor of Arts in Economics (BA. Econ.) 5. Bachelor of Arts in Community Development Studies (BA. CDS) 6. Bachelor of Science in Civil Engineering (BSc. CE) 7. Bachelor of Science in Land Management and Valuation (BSc. LMV) 8. Bachelor of Science in Real Estate (Finance and Investment) (BSc. REFI) 9. Bachelor of Science in Property and Facilities Management (BSc. PFM) 10. Bachelor of Science in Accounting and Finance (BSc. AF) 11. Bachelor of Science in Quantity Surveying and Construction Economics (BSc QS & CE) 12. Bachelor of Science in Construction Management (BSc CM) 13. Bachelor of Science in Building Surveying and Construction Maintenance (BSc BS&CM) 	<p>Tshs 1,300,000 (locals)</p> <p>\$2,100 (foreigners)</p>

Direct University Costs (Payable to the University)

Item	Tshs.
1. Application Fee (once)	10,000
2. Registration fee	10,000
3. Examination Fee	12,000
4. Caution Money	2,000
5. Student Union	5,000
6. Graduation Fee (once)	10,000
7. Identity Card	12,500
8. Transcript of Records (once)	15,000
9. Statement of Results (upon request)	5,000
10. CU Quality Assurance Fee	20,000
11. Internal Transfer Fee	10,000
12. Inter-University Transfer Fee	10,000
13. Fee for Hiring of Graduation Gown (once, when one is expecting to graduate)	30,000
14. Medical Examination fee (for first year students upon reporting and visiting ARU Dispensary for medical examination)	10,000

Direct Costs (Payable to Health Insurances)

Item	Tshs.
1. Medical Capitation Fee (local students) – any Health Insurance	50,400
2. Medical Capitation Fee (foreign students) - any Health Insurance	300 (U\$)

Direct Student Costs (Payable Directly to Students)

Item	Tshs.
*Stationery and Book Allowance	200,000/=
**Meal and Accommodation Allowance	2,400,000/=

*Amount per year based on the Government rates as provided by High Education Students Loans Board (HESLB)

**Amount per year based on the Government rates as provided by High Education Students Loans Board (HESLB) as well as programme of study being pursued

Appeal Fee for Examinations

T.Shs.5,000/= per course/decision (For Tanzanian students)
USD 20.00 per course/decision (For foreign students)

Fee for a copy of a lost certificate

T.Shs 30,000/= for a copy

NOTE: All local payments for fees should be made through the Electronic Government Payment Gateway (eGPG) after acquiring a control number from the Office of the Director of Finance and Accounts.

SPECIAL SCHOOLS' REQUIREMENTS FOR FIRST YEAR IN UNDERGRADUATE PROGRAMMES

School of Architecture, Construction Economics and Management		School of Engineering and Environmental Studies (SEES)	
B. Architecture BSc Interior Design and BSc Landscape Architecture		- BSc Civil Engineering	
		1.	T-square
		2.	Set square 45°
		3.	Set square 60°
		4.	Scale ruler
5.	Calculators – scientific	6.	Measuring tapes (5m)
1.	T-Square	7.	<i>Furniture template (scale 50)</i>
2.	Set square (45° and 60°)	8.	Circular template
3.	Adjustable set square	9.	<i>French Curve</i>
4.	Scale rule	10.	Clip board
5.	French curve set	11.	Pencil (0.25mm)
6.	Flexible curve	12.	<i>Drawing pens</i>
7.	Furniture stencil 1:50 and 1:100	13.	Dusting coat (White lab. Coats)
8.	Lettering stencil set	14.	Overall clothing and cap
9.	Circle template	15.	Boots
10.	Protractor	16.	Laptop
11.	Compass set	BSc. EE and BSc. MISE	
12.	Clutch pencil		
13.	<i>Fine Liner pencils</i>		
14.	<i>Lead sharpener</i>		
15.	<i>Model knife</i>		
16.	Clip board	1.	T-square
17.	Scientific Calculator	2.	Set square 45°
18.	White coat (White lab coat)	3.	Set square 60°
19.	Laptop	4.	Scale ruler
20.	Tracing papers	5.	Calculators – scientific
21.	<i>Lead sharpener</i>	6.	Measuring tapes (5m)
BSc in Quantity Surveying and Construction Economics		7.	Laptop
1.	Drawing pens (0.18, 0.25, 0.30, 0.50mm)	8.	Furniture template (scale 50)
2.	Clutch pencils	9.	Circular template
3.	Pencil leads/refill 0.5	10.	French Curve
4.	Scientific calculator	11.	Clip board
5.	Triangular scale ruler	12.	Pencil (0.25mm)
6.	Set Square 45 Adjustable	13.	<i>Drawing pens</i>
7.	Protractor, Linex 920	14.	<i>Dusting coat (White lab. Coats)</i>
8.	T-Square A Size	15.	Overall clothing and cap
9.	Measuring tapes (5m)	16.	Boots
10.	Clip Board	BSc. ESM and BSc. ELST	
11.	Lettering stencils (2.5 – 0.25mm, 3.5-0.55mm, 5-0mm)	1.	<i>Dusting coat (White lab. Coats)</i>
12.	French Curve St	2.	Calculators – scientific
13.	Drawing Templates	3.	Measuring tapes (5m)
14.	Tracing Papers	4.	Laptop
15.	Laptop		

School of Earth Science, Real Estate, Business and Informatics		School of Spatial Planning and Social Sciences	
BSc Land Management and Valuation		BSc Urban and Regional Planning	
BSc Real Estates (Finance and Investment)		BSc Regional Development Planning	
BSc Property and Facilities Management		BSc Housing and Infrastructure Planning	
1.	T-Square	1.	Scientific Calculator
2.	Set square linex 45°	2.	T- Square (A Size)
3.	Set square linex 60°	3.	Adjustable Set Square or set square 60°and set square 30°
4.	Protractor line 180°/60°	4.	Model knife
5.	Triangular scale rule	5.	Clip Board
6.	Clutch pencil/lead holder 0.5	6.	Clutch pencil (2mm refill)
7.	Lettering stencil 0.5	7.	Tape measure 5m
8.	Set of Compasses	8.	Tape measure 50m
9.	Scientific calculator, fx 9915	9.	Pair of dividers
10.	Clip board	10.	Protractor
11.	Tape measure 30m	11.	French curve set
12.	Tape measure 3m	12.	Furniture stencil (1:50)
13.	Laptop		
BSc Geomatics		13.	Scale rule
BSc Geographical Information Systems and Remote Sensing			
1.	Scientific calculator	14.	Circular template
2.	Plastic Straight edge of Tenth 50-100 cm with mm graduation	15.	Lead pencil set
3.	Rotring/mars pens (0.18 or 0.20mm), 0.25mm, 0.30 (or 0.35mm), 0.5mm	16.	Drawing Brush
4.	Drawing set (Compass)	17.	Fine liner pencil (0.5mm refill)
5.	Set square plastic, Rotring 450 (20-30cm), 600 (20-30 cm)	18.	Lettering stencil set
6.	Protractor (15-20cm diam.)	19.	Lead sharpener
7.	Triangular scale (plastic, white with mm graduations)	20.	Coloured pencil set
8.	Clutch pencil holder (uses 13cm long refills)	21.	Computer (Laptop) for GIS/CAD
9.	Lettering stencil 2.5 – 0.5mm, 3.5-0.35mm, 5-0.5mm	22.	Laptop
10.	French curves set (Rotring)		
11.	Clip board		
12.	Boots		
13.	Overall clothing and cap		
14.	Jungle hat		
15.	Laptop		
BSc Information Systems Management			
1.	Laptop computer		
2.	RJ 45 connectors		
3.	Network termination tool box		
BSc Computer Systems and Networks			
1.	Laptop computer		
2.	Arduino Micro-controller Board		

3.	Electronic sensors set (e.g., for light sensors, temperature sensors, sound sensors, motions sensors etc.)			
4.	RJ 45 connectors			
5.	Network termination tool box			

**UNDERGRADUATE COURSES OFFERED IN
VARIOUS PROGRAMMES**

SCHOOL OF ARCHITECTURE, CONSTRUCTION ECONOMICS AND MANAGEMENT (SACEM)

Bachelor of Architecture

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 111	Design Studio 1	20	AR 112	Design studio Project II	20
AR 121	Physical Modelling and Fine Art	4	AR 122	Architectural Graphics Communication I	4
AR 131	Building Construction 1	4	AR 132	Building Construction II	4
AR 141	Building Materials 1	4	AR 142	Building Materials I	4
IS 149	Basic Mathematics	8	AR 151	Building Structures I	4
AR 165	Environmental Science 1	4	AR 161	Theory of Architecture I	4
CL 101	English Language	8	CL 102	Communication Skills	8
IS 166	Fundamental of Information Communication Technology	8	FN251	Financial Literacy	8
DP 101	Development Perspectives	8	GM 111	Introduction to land surveying	8
			AR 181	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 213	Design Studio III	20	AR 214	Design Studio Project IV	20
AR 223	Architectural Graphics Communication II	4	AR 224	Architectural Graphics Communication III	4
AR 233	Building Construction III	8	AR 234	Building Construction IV	8
AR 243	Building Materials III	8	AR 244	Building Materials IV	8
AR 252	Building Structures	4	AR 253	Structures III	4
AR 262	History of Architecture II	8	AR 267	Environmental Science III	4
AR 266	Environmental Science II	8	AR 225	Professional Practice I	4
GM 112	Topographical Surveying	8	QC 220	Basics of Quantity Surveying I	8
			AR 271	Settlement Planning I	4
			AR 282	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 315	Design Studio	20	AR 316	Design Studio	20
AR 335	Building Construction V	8	AR 336	Building Construction VI	8

AR 354	Building Structures IV	8	AR 355	Structures V	8
AR 357	Building Services I	8	AR 358	Building Services II	8
AR 363	History and Theory of Architecture III	8	AR 372	Settlement Planning II	8
AR 326	Professional Practice II	8	AR 373	Urban Design	8
QC 435	Construction Economics II	8	AR 383	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 417	Design Studio VII	20	AR 418	Design Studio VIII	20
AR 437	Building Construction VII	8	AR 427	Professional Practice III	8
AR 456	Building Structures VI	8	LM 238	Research Methodology	8
AR 459	Building Services III	8	IN 396	Innovation and Entrepreneurship	8
AR 464	History and Theory of Architecture IV	8	AR 484	Industrial Training IV	8
	Elective	8	Elective	Elective	8

Year 5 Semester 1			Year 5 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 519	Design Studio	24	AR 586	Dissertation	60
AR 585	Pre-dissertation	36			

Elective Courses

Code	Course Name	Credits
AR 491	Architectural Conservation	8
AR 492	Urban Development and Housing	8
AR 493	Architectural Science	8
AR 494	Building Information Modeling	8

Bachelor of Science in Landscape Architecture

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LA 111	Design Studio Projects I	20	LA112	Studio Design Project II	20
AR 121	Physical Modeling and Fine Art	4	LA122	Design Graphics I	4
LA 131	Landscape Construction and Services I	4	LA132	Landscape Construction and Services II	4

LA 141	Landscape Materials I	4	LA142	Landscape Materials II	4
LA 161	Fundamentals of Soil and Botanic Sciences	8	LA151	History and Theory of Landscape Architecture I	4
GM 111	Introduction to Land Surveying	8	LA154	Principles of Landscape Design	4
CL 101	English Language (8 Credits)	8	CL102	Communication Skills	8
IS 166	Fundamentals of ICT (Core 8)	8	FN 251	Financial Literacy	8
DS 101	Development Perspectives	8	GM112	Topographical Surveying	8
IS 149	Basic Mathematics	8	LA171	Industrial Training, Landscape Construction/ Botany Works.	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LA213	Studio Design Project III	20	LA214	Studio Design Project IV	20
LA223	Design Graphics II	8	LA224	Design Graphics III	8
LA233	Landscape Construction and Services III	8	LA234	Landscape Construction and Services IV	8
LA243	Landscape Material III	8	LA237	Landscape Structures I	8
LA252	History and Theory of Landscape Architecture II	8	LA244	Landscape Materials IV	8
LA262	Applied Plant ecology and Taxonomy	8	LA264	Geography and Landscape Science II	4
LA263	Geography and Landscape Sciences I	8	LA272	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LA315	Studio Design Project V	20	LA316	Studio Design Project VI	20
LA335	Landscape Construction and Services V	8	LA336	Landscape Construction and Services VI	8
LA355	Environment Planning and Development I	4	LA356	Environment Planning and Development II	4

LA353	History and Theory of Landscape Architecture III	8	LA375	Professional Practice II	4
LA 338	Landscape Structures II	8	LA373	Industrial Training III: Professional Practice	8
LA372	Professional Practice I	8	IN 396	Innovation and Entrepreneurship	8
Elect.	Elective	8	LM238	Research Methodology	8
			Elect.	Elective	

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LA417	Studio Design Project VII	32	LA492	Dissertation Part II	60
LA491	Dissertation Part I	32			

Elective Courses

Code	Course Name	Credits
LA 481	Landscape Infrastructure	8
LA 482	Landscape Urbanism	8
LA 483	Water Landscape	8
LA 484	Landscape Conservation	8

Bachelor of Science in Interior Design

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ID 111	Interior Design Studio I	20	ID 112	Interior Design Studio II	20
ID 121	Interior Graphics I	4	ID 152	History and Theory of Interior Design II	4
ID 151	History and Theory of Interior Design I	4	ID 171	Industrial Training, I (8 Credits)	8
ID 145	Interior Building Materials I	8	ID 122	Interior Graphics II	4
AR 131	Building Construction I	4	ID 146	Interior Building Materials II	8
CL 101	English Language (8 Credits)	8	AR 165	Environmental Science I	8
IS 151	Introduction to ICT (Core 8)	8	AR 132	Building Construction II	4
DS 101	Development Perspectives	8	FN 251	Financial literacy	8
IS 149	Basic Mathematics	8	CL 102	Communication Skills	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ID 213	Interior Design Studio III	20	ID 214	Interior Design Studio IV	20

ID 223	Fine Arts and Visual Communication I	4	ID 224	Interior Graphics II	4
ID 253	History and Theory of Interior Design III	4	ID 254	History and Theory of Interior Design IV	4
AR 243	Furnishing and Fittings I	8	ID 244	Furnishing and Fittings II	8
AR 357	Building Services I	8	ID 272	Industrial Training II	8
AR 266	Environmental Science II	8	AR 225	Professional Practice I	8
ID 218	Building Survey I	8	AR 267	Environmental Science III	8
AR 151	Building Structures I	4	CQ 220	Basis of Quantity Surveying	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ID 315	Interior Design Studio V	20	ID 316	Interior Design Studio VI	20
ID 341	Interior Technology I	4	ID 347	Furniture Design	4
ID 331	Construction and Detailing	4	ID 342	Interior Technology II	4
ID 318	Interior Product Design I	8	ID 319	Interior Product Design II	8
AR 326	Architectural Professional Practice II	8	ID 373	Industrial Training III	8
AR 358	Building Services II	8	LM 238	Research Methodology	8
ID 319	Building Survey II	8	Elective	Elective II	8
Elective	Elective I	8			

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ID 417	Interior Design Studio VII	24	ID 475	Dissertation Part II	60
ID 461	Portfolio Development	4	AR 427	Architectural Professional Practice III	8
ID 474	Dissertation Part I	24			
IN 396	Innovation and Entrepreneurship	8			

Elective Courses

Code	Course Name	Credits
AR 491	Architectural Conservation	8
AR 492	Urban Development and Housing	8
AR 493	Architectural Science	8
ID 312	Interior Scaping	8

Bachelor of Science in Quantity Surveying and Construction Economics

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 149	Basic Mathematics	8	QC 125	Materials for Construction II	10
IS 166	Fundamentals of Information Communication and Technology	8	CL 102	Communication Skills	8
QC 121	Materials for Construction I	10	QC 126	Building Construction II	10
QC 111	Engineering Mechanics	8	GM 112	Topographical Surveying	8
QC 122	Building Construction I	10	FN 251	Financial Literacy	8
EC 100	Principles of Economics	8	QC 112	Mechanics of Materials	8
GM 111	Introduction to Land Surveying	8	QC 114	Computer Aided Designs	8
DP 101	Development Perspectives	8	IS 141	Statistics and probability	8
CL 101	English Language	8	QC 153	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
QC 222	Building Construction III	10	QC 213	Design of Timber and Steel Structures	8
QC 224	Construction of Transportation Infrastructures	8	QC 225	Building Construction IV	10
QC 212	Design essentials for Reinforced Concrete Structures	8	QC 226	Construction of Civil services Infrastructures	8
QC 232	Measurement of Building Works I	12	QC 239	Measurement of Building Works II	12
BB 111	Accounting Fundamentals	8	LM 178	Business Law	8
QC 223	Building Services I	8	QC 227	Building Services II	8
LM 171	Elements of Law	12	QC 252	Project Work II	8
QC 251	Project Work I	8	QC 253	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
QC 341	Principles of Management	8	QC 330	Measurement of Civil Services Infrastructures	12
QC 332	Measurement of Building Works III	12	QC 337	Construction Contracts	8
QC 333	Measurement of Mechanical Installations	12	QC 335	Construction Economics I	8
QC 336	Estimating and Price Analysis	12	QC 339	Measurement of External Works	10

Year 3 Semester 1			Year 3 Semester 2		
QC 338	Procurement	8	QC 342	Construction Management I	8
QC 334	Measurement of Transportation Infrastructures	12	QC 331	Measurement of Electrical and Telecommunications Installations	10
QC 351	Project Work III	8	QC 352	Project Work IV	8
			QC 353	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 238	Research Methodology	8	QC 452	Dissertation	60
QC 435	Construction Economics II	10			
QC 437	Professional Practice for quantity surveyors	10			
QC 442	Construction Management II	10			
IN 396	Innovation and Entrepreneurship	8			
ELECTIVE	Elective	8			
QC 451	Project Work V	10			

Elective Courses		
Code	Course Name	Credits
CM 343	Project Risk Management	8
QC 462	Human Resource Management	8
CM 431	International Construction Management	8
DM 101	Introductions to Disaster Risk Management	8

Bachelor of Science in Building Surveying and Construction Maintenance

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 141	Engineering Mathematics	8	QC 125	Materials for Construction II	10
IS 166	Fundamentals of Information and Communication Technology (ICT)	8	CL 102	Communication Skills	8
QC121	Materials for Construction 1	10	QC 126	Building Construction II	10
QC 111	Engineering Mechanics	8	GM 112	Topographical Surveying	8
QC 122	Building Construction I	10	FN 251	Financial Literacy	8
GM 111	Introduction to Land Surveying	8	QC 112	Mechanics of Materials	8
DS 101	Development Perspectives	8	BS120	Introduction to the Built	8

Year 1 Semester 1			Year 1 Semester 2		
CL 101	English Language	8	BS 162	Environment Industrial Training I -Site Operations I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BS 252	Building Survey and Inspection	6	BS 240	Principles of Construction Laws	6
BS 253	Introduction to History and Theory of Architecture	8	BS 254	Building Conservation Theory	8
BS 229	Building Science	8	IS 141	Statistics and Probability	8
QC 232	Measurement of Building Works I	12	QC 227	Building Services II	10
BS 213	Introduction to Engineering Design	8	BS 257	Pathology of Construction Materials	8
BS 251	Building Pathology and Rehabilitation	10	BS 227	Building Adaptation	8
QC 223	Building Services I	8	BS 263	Project Work II – Building Survey and Inspection	8
BS 261	Project Work I – Design of Alteration/Restoration Works	8	BS 265	Industrial Training II – Supervision of Alteration/Restoration Work	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BS 328	Civil Engineering Construction and Maintenance	8	BS 342	Maintenance Management	8
BS 336	Measurement of Adaptation and Renovation Works	12	BS 334	Property Economics	10
QC 336	Estimating and Price Analysis	12	BS 358	Buildings Conservation Techniques	8
BS 341	Project Management in the Built Environment	8	CM 346	Project Risk Management	8
BS 356	Sustainability in Construction Maintenance	8	BS 337	Measurement of Civil Engineering Maintenance and External Works	8
QC 338	Procurement	8	BS 349	Fundamentals of Property Law	8

Year 3 Semester 1			Year 3 Semester 2		
BS 364	Project Work III - Condition Survey and Estimating of Renovation Works	8	BS 366	Project work IV - Tender Documents and Procedures	8
			BS 368	Industrial Training III – Office Practice	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BS 446	Control and Regulation of Buildings	8	BS 469	Dissertation	60
BS 445	Planning and Environmental Laws	8			
BS 455	Basics of Property and Facilities Management	10			
BS 433	Professional Practice for Building Surveyors	10			
IN 396	Entrepreneurship and Innovation	8			
LM 238	Research Methodology	8			
	Elective **	8			
BS 467	Project Work V - Post-contract Administration	8			

Elective Courses		
Code	Course Name	Credits
BS 472	Value Management	8
BS 440	Construction Health and Safety	8
CM 440	International Construction Management	8

Bachelor of Science in Construction Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 149	Basic Mathematics	8	CE 271	Construction Materials II	12
IS 166	Fundamentals of Information Communication and Technology	8	CL 102	Communication Skills	8
CE 171	Construction Materials I	12	CM 125	Construction Technology II	12
QC 111	Engineering Mechanics	8	CM 126	Construction Drawings II	8
CM 121	Construction Technology I	10	GM 112	Topographical Surveying	8
CM 122	Construction Drawings I	8	FN 251	Financial Literacy	8

Year 1 Semester 1			Year 1 Semester 2		
GM 111	Introduction to Land Surveying	8	QC 112	Mechanics of Materials	8
DP 101	Development Perspectives	8	CM 183	Industrial Training I – Site Operations	8
CL 101	English Language	8			

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CM 231	Elements of Geotechnical Engineering	8	IS 141	Statistics and probability	8
EC 100	Principles of Economics	8	CM 251	Elements of Construction Works Measurement	12
QC 224	Construction of Transportation Infrastructure.	8	CM 224	Construction Engineering Services	10
CM 222	Construction Drawings III	8	CM 241	Strategic Human Resource Management.	8
BB 111	Accounting Fundamentals	8	CM 243	Construction Planning and Scheduling	10
CM 212	Fundamentals of Structural Design	8	CM 284	Project Work II	8
LM 171	Elements of Law	12	CM 283	Industrial Training II - Site Management	8
CM 281	Project Work I – Design of buildings	8			

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CM 361	Construction Laws	8	CM 345	Construction Project Control	8
CM 352	Cost Engineering	8	CM 344	Construction Health and Safety	8
CM 342	Construction Project Information Management	8	CM 353	Construction Financial Management	8
QC 338	Procurement	8	CM 346	Project Risk Management	8
CM 348	Construction Equipment Management	8	BS 335	Property Economics	8
CM 323	Construction Ecology and Sustainability	10	CM 347	Construction Quality Control and Measurement	8
CM 326	Construction Conflicts Management	8	CM 384	Project Work IV – project control and monitoring	8

Year 3 Semester 1			Year 3 Semester 2		
CM 381	Project Work III - Construction Resource Planning	8	CM 383	Industrial Training III – Construction Office Management	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 238	Research Methodology	8	CM 482	Dissertation	60
CM 449	Professional Practice for Construction Managers	12			
CM 454	Construction Marketing	8			
CM 440	International Construction Management	8			
IN396	Innovation and Entrepreneurship	8			
ELECTIVE	Elective	8			
CM 481	Project Work V: Post Contract Project Management	8			

Elective Courses		
Code	Course Name	Credits
BS 445	Planning and Environmental Laws	8
BS 342	Maintenance Management	8
DM 101	Introductions to Disaster Risk Management	8

SCHOOL OF SPATIAL PLANNING AND SOCIAL SCIENCES (SSPSS)**Bachelor of Science in Urban and Regional Planning**

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 111	Building Design Studio	16	UP 112	Site Planning and Design Studio	16
UP 141	Building Design, Materials and Construction	8	UP 101	Site Planning Principles and Concepts	8
CL 101	English Language	8	HI 131	Computer Aided Design for Spatial Planners	4
GM 111	Introduction to Land Surveying	8	CS 102	Communication Skills	8
IS 166	Fundamentals of Information Communication and Technology	8	IS 141	Statistics and Probability	8
DP 101	Development Perspectives	8	FN 251	Financial Literacy	8
EC 100	Principles of Economics	8	UP 107	History of Urban Planning	4
LM 151	Elements of Law	8	RE 149	Introduction to Real Estate Markets and Investments	8
			UP 171	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 213	Neighbourhood Planning and Design Studio	16	UP 214	Urban Design Studio	16
UP 202	Neighbourhood Planning and Design Concepts	8	UP 203	Urban Design Theories and Concepts	8
UP 261	Quantitative Methods	4	UP 226	Planning and Management for Climate Change	4
UP 251	Land and Planning Laws	8	UP 222	Landscape Planning and Design	8
HI 231	Fundamentals of GIS and Remote Sensing	8	HI 232	Cartography and Visualisation	8
HI 221	Topographic and Cadastral Surveys	8	UP 223	Urban Design and Heritage Conservation	4
EC 345	Introduction to Spatial Economics	8	LM 212	Land Economics	8
RP 205	Demography and Development	4	GI 225	Remote Sensing Applications	8
HI 251	Urban Infrastructure Planning and Design	4	UP 272	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 315	Informal Settlement Regularisation Studio	16	UP 316	General Planning Scheme Studio	16
UP 304	Informal Urbanism	8	UP 305	City Planning Theories and Concepts	8
UP 332	Spatialised Databases and Applications	8	LM 238	Research Methodology	8
HI 352	Project Appraisal and Financing	8	UP 324	Urban Sociology and Environmental Psychology	8
IN 396	Innovation and Entrepreneurship	8	UP 362	Urban Transport Planning and Traffic Management	8
UP 308	Resettlement Planning	8	HI 354	Project Planning and Monitoring	8
UP 352	Land Conflicts Management	4	UP 364	Urban and Regional Economics	8
DM 101	Introduction to Disaster Risk Management	8	UP 373	Industrial Training III	8
UP 353	Urban Land Development Control	4			

Year 4 Semester 1			Year 4 Semester 12		
Code	Course Name	Credits	Code	Course Name	Credits
UP 417	Metropolitan Planning Studio	16	UP 482	Dissertation II	60
UP 406	Metropolitan Planning Theories	8			
UP 455	Planning Professional Practice	8			
UP 442	Regional Transport Planning and Management	8			
UP 454	Local Governance	8			
UP 481	Dissertation I	8			
	Elective	8			

Elective courses, Year 4 Semester I

Code	Course Name	Credits
HI 402	Policy Analysis, Formulation and Implementation	8
UP 321	Environmental Planning and Management	8
CD 221	Development Communication and Resource Mobilization	10

Note: Students are required to opt for only one elective course

Bachelor of Science in Housing and Infrastructure Planning

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 111	Building Design Studio	16	UP 112	Site Planning and Design Studio	16
UP 141	Building Design, Materials and Construction	8	UP 101	Site Planning Principles and Concepts	8
CL 101	English Language	8	HI 131	Computer Aided design for Spatial Planners	4
GM 111	Introduction to Land Surveying	8	CS 102	Communication Skills	8
IS 151	Introduction to Information and Communication Technology	8	IS 141	Statistics and Probability	8
DP 101	Development Perspectives	8	FN 251	Financial literacy	8
EC 100	Principles of Economics	8	UP 107	History of Urban Planning	4
LM 151	Elements of Law	8	RE 149	Introduction to Real Estate Markets and Investments	8
			UP 171	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 213	Neighbourhood planning and design studio	16	HI 211	Housing Planning Studio	16
UP 202	Neighborhood Planning and Design Concepts	8	HI 201	Housing Development Principles and Theories	8
UP 261	Quantitative Methods	4	HI 241	Housing Finance	8
UP 251	Land and Planning Laws	8	HI 222	Sustainable and Resilient Infrastructure Planning	8
HI 231	Fundamentals of GIS and Remote Sensing	8	HI 232	Cartography and Visualization	8
HI 221	Topographic and Cadastral Survey	8	UP 222	Landscape Planning and Design	8
EC 345	Introduction to Spatial Economics	8	GI 225	Remote Sensing Applications	8
RP 205	Demography and Development	4	HI 281	Industrial Training II	8
HI 251	Urban Infrastructure Planning and Financing	4			

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HI 312	Settlement Infrastructure Planning and Design Studio	16	UP 316	General Planning Scheme studio	16
UP 304	Informal Urbanism	8	UP 305	City Planning Theories and Concepts	8
HI 334	Applied Geospatial Analysis and Modelling	8	UP 362	Urban Transport Planning and Traffic Management	8
HI 352	Project Appraisal and Financing	8	HI 354	Project Planning and Monitoring	8
LM 238	Research Methodology	8	UP 364	Urban and Regional Economics	8
HI 362	Infrastructure Design and Construction	8	HI 361	Housing and Infrastructure Maintenance	8
IN 396	Innovation and Entrepreneurship	8	DM 101	Introduction to Disaster Risk Management	8
UP 308	Resettlement Planning	8	UP 373	Industrial Training III	8

Year 4 Semester 2			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HI 413	Regional Infrastructure Planning Studio	16	HI 472	Dissertation II	60
HI 425	Regional Infrastructure Principles and Concepts	8			
UP 454	Local Governance	8			
UP 455	Planning Professional Practice	8			
HI 435	Big Data for Planning	4			
UP 321	Environmental Planning and Management	8			
HI 471	Dissertation I	8			

Elective courses, Year 4 Semester I

Code	Course Name	Credits
CD 221	Development Communication and Resource Mobilization	10
HI 402	Policy Analysis, Formulation, and Implementation	8

Note: Students are required to opt for only one elective course

Bachelor of Science in Regional Development Planning

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 111	Building Design Studio	16	UP 112	Site Planning and Design Studio	16
UP 141	Building Design, Materials and Construction	8	UP 101	Site Planning Principles and Concepts	8
CL 101	English Language	8	HI 131	Computer Aided Design for Spatial Planning	4
GM 111	Introduction to Land Surveying	8	CS 102	Communication Skills	8
IS 166	Fundamentals of Information Communication and Technology	8	FN 251	Financial Literacy	8
DP 101	Development Perspectives	8	IS 141	Statistics and Probability	8
EC 100	Principles of Economics	8	UP 107	History of Urban Planning	4
LM 151	Elements of Law	8	RE 149	Introduction to Real Estate Markets and Investments	8
			UP 171	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 213	Neighborhood Planning and Design Studio	16	RP 212	Village Land Use Planning Studio	16
UP 202	Neighborhood Planning and Design Concepts	8	RP 201	Village Land Use Planning Theories and Concepts	8
UP 261	Quantitative Methods	4	UP 204	Rural Investment Planning	8
UP 251	Land and Planning laws	8	CD 221	Development Communication and Resource Mobilization	10
HI 231	Fundamentals of GIS and Remote Sensing	8	EC 341	Agricultural Economics	8
HI 221	Topographic and Cadastral Surveys	8	GI 225	Remote Sensing Applications	8
EC 345	Introduction to Spatial Economics	8	RP 263	Natural Resource Management	4
RP 205	Demography and Development	4	RP 272	Industrial Training II	8
HI 251	Urban Infrastructure Planning and Design	4			

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
RP 316	Ecological Planning Studio	16	UP 316	General Planning Scheme Studio	16
RP 332	Ecological Planning Theory	8	UP 305	City Planning Theories and Concepts	8
RP 336	Land Use and Biodiversity Conservation	8	UP 362	Urban Transport Planning and Traffic Management	8
UP 352	Land Conflicts Management	4	HI 354	Project Planning and Monitoring	8
IN 396	Innovation and Entrepreneurship	8	UP 364	Urban and Regional Economics	8
HI 352	Project Appraisal and Financing	8	UP 324	Urban Sociology and Environmental Psychology	8
UP 308	Resettlement Planning	8	LM 238	Research Methodology	8
DM 101	Introduction to Disaster Risk Management	8	RP 373	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
RP 415	Regional Planning Studio	16	RP 482	Dissertation II	60
RP 434	Regional Development Planning Theory	8			
UP 454	Local Governance	8			
UP 442	Regional Transport Planning and Management	8			
UP 455	Planning Professional Practice	8			
RP 481	Dissertation I	8			
RP 424	Regional Settlement Patterns and Linkages	8			
	Elective	8			

Elective courses, Year 4 Semester I

Code	Course Name	Credits
HI 402	Policy Analysis, Formulation and Implementation	8
LM 212	Land Economics	8
UP 321	Environmental Planning and Management	8
Total		

Note: Students are required to opt for only one elective course

Bachelor of Arts in Economics

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits

Year 1 Semester 1			Year 1 Semester 2		
EC 111	Introduction to Microeconomics I	10	EC 112	Introduction to Microeconomics II	10
EC 121	Introduction to Macroeconomics I	10	EC 122	Introduction to Macroeconomics II	10
EC 131	Mathematics of Economics	8	IS 141	Statistics and Probability	8
DP 101	Development Perspective	8	FN 251	Financial Literacy	8
CL 101	English Language	8	EC 101	Computer Application for Social Science	8
IS 166	Fundamentals of Information, Communication Technology	8	BB 112	Principles of Accounting	8
BB 111	Accounting Fundamentals	8	CL 102	Communication Skills	8
CD 173	Introduction to Critical Thinking and Argumentation	8			

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EC 213	Intermediate Microeconomics I	10	EC 214	Intermediate Microeconomics II	10
EC 223	Intermediate Macroeconomics I	10	EC 224	Intermediate Macroeconomics II	10
EC 233	Quantitative Methods for Economics I	8	EC 234	Quantitative Methods for Economics II	8
EC 235	Econometrics	8	EC 236	Econometrics II	8
EC 261	Development Economics	8	EC 262	Topical Issues in Economic Development	8
IN 396	Innovation and Entrepreneurship	8	HI 354	Project planning and Monitoring	10
HI 35:	Project Appraisal and financing	10	EC 270	Industrial Training	8
LM 238	Research Methodology	8	EC 265	Applied Economics & Policy Lab	10

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EC 337	Applied Econometrics	10	EC 324	International Economics II	8
EC 325	International Economics I	8	EC 366	Public Sector Economics II	8
EC 365	Public Sector Economics I	8	EC 344	Natural Resources and Environmental Economics II	8
EC 343	Natural Resources and Environmental economics I	8	EC 368	Monitory and Financial Economics II	10
EC 367	Monetary and Financial Economics I	10		Elective	8

LM 212	Land Economics	8	EC 382:	Dissertation	20
	Elective I	8			

Electives

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
Cluster A			Cluster A		
EC 355	Industrial and Production Economics I	8	EC 356	Industrial and Production Economics II	8
EC 357	Transport Economics I	8	EC 358	Transport Economics II	8
Cluster B			Cluster B		
EC 345	Introduction to Spatial Economics	8	UP 263	Urban and Regional Economics	8
EC 347	Introduction to Energy Economics	8	EC 348	Energy Economics and Policy	8

Bachelor of Arts in Community Development Studies

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CD 111	Social Development Theories	10	CD 151	Principles of Administration and Management	10
CD 116	Cultural Studies and Community Development	8	IS 141	Statistics and probability	8
EC 100	Principles of Economics	8	CD 122	Community Development and Applied Facilitation Skills	10
CD 112	Community Development Theories and Practice	8	CD 172	Introduction to Critical Thinking and Argumentation	8
CL 101	English Language	8	CS 102	Communication Skills	8
IS 166	Fundamentals of Information Communication and Technology	8	CD 115	Introduction to Sociology	8
CD 171	Human Rights, Governance and Democracy	8	FN251	Financial Literacy	8
CD 136	Introduction to Social Psychology	8	EC 101	Computer Applications for Social Sciences	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EC 261	Development Economics	10	CD 233	Community Empowerment and Capacity Building	8

CD 283	Population and Development	10	HI 354	Project Planning and Monitoring	10
IN396	Innovation and Entrepreneurship	8	CD 245	Rural and Urban Development	8
LM 238	Research Methodology	8	CD 244	Community Safety and Development	8
HI 352	Project Appraisal and Financing	8	RP 263	Natural Resource Management	4
DM 101	Introduction to Disaster and Risk Management	8	CD 243	Social Change and Development	8
CD 221	Development Communication and Resource Mobilization	10	CD 246	Introduction to Community Health	8
			CD 281	Principles of Environmental Management	8
			CD 265	Industrial Training	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CD 331	Gender and Development	8	CD 375	Community and Administrative Laws	10
CD 373	Ethics and Development	8	CD 347	Social Impact Assessment	8
CD 374	Community Leadership	8	CD 334	Social Service Delivery and Development	8
CD 332	Social Psychology and Counseling	10	CD 335	Conflict Management	8
CD 317	Principles of Social Work	8	CD 342	Science, Technology and Industrial Development	8
Elective	ELECTIVE	8		Elective	8
CD 363	Dissertation I	10	CD 364	Dissertation II	20

Third year Electives

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CD 352	Agriculture and Rural Industrial Planning	8	CD 376	Regional Integration and Cooperation	8
HI 402	Policy Analysis, Formulation and Implementation	8	RP 201	Village Land use Planning Theories and Concepts	8

SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES (SEES)**Bachelor of Science in Environmental Engineering**

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CL 101	English Language	8	CL 102	Communication Skills	8
DP 101	Development Perspectives	8	FN 251	Financial literacy	8
IS 143	Engineering Mathematics I	8	EE 115	Soil Mechanics and Geology	8
EE 143	Project I: Introduction to Technical Report Writing	8	EE 116	Construction Materials and Technology	8
EE 161	Engineering Drawing I	8	EE 117	Engineering Mechanics I	8
EG 100	Workshop Training	8	EE 121	Introduction to Environmental Engineering	12
ES 112	Basic Chemistry	8	EE 122	Project II: Preliminary Design of a Low-Cost Sanitation System	12
IS 166	Fundamentals of Information Communication and Technology	8	EE 151	Industrial training I	8
			EE 162	Engineering Drawing II	12

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 241	Engineering Mathematics II	8	IS 242	Engineering Mathematics III	8
EE 218	Engineering Mechanics II	8	EE 214	Foundation Engineering	8
EE 229	Building Services Engineering	8	EE 223	Sewerage and Drainage Engineering	8
EE 231	Water Resources and Transportation Engineering	12	EE 224	Project IV: Design of Sewerage and Drainage Systems for a Township	12
EE 232	Project III: Design of Water Supply and Wastewater Collection Systems for a building and community	12	EE 239	Fluid Mechanics II	12
EE 233	Hydrology	8	EE 252	Industrial Training II	8
EE 238	Fluid Mechanics I	8	EL 217	Environmental Microbiology	12
GM 111	Introduction to Land Surveying	8	GM 221	Introduction to Engineering Surveying	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CE 212	Structural Analysis I	8	CE 312	Structural Analysis II	8
CQ 220	Basics of Quantity Surveying	8	EE 334	Water Treatment Engineering	8

Year 3 Semester 1			Year 3 Semester 2		
EE 325	Unit Operations and Processes in Environmental Engineering	12	EE 335	Project VI: Design of Water Treatment and Municipal Solid Waste Management Systems for Community/Township	12
EE 337	Hydraulic Structures	8	EE 336	Pumps and Pumping Stations	8
EE 343	Environmental Health and Epidemiology	8	EE 347	Ecology	8
EE 344	Project V: Assessment and Engineering Control of Communicable Diseases	8	EE 353	Industrial training III	8
MI 329	Environmental Chemistry	12	EE 362	Solid Waste Infrastructure Design and Management	12
	Elective	8	EE 366	Land and Water Pollution Prevention and Control	8
			EE 369	Project Management for Construction	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IN396	Innovation and Entrepreneurship	8	EE 456	Dissertation	60
MI 429	Wastewater Treatment Technology	8			
EE 465	Environmental Systems Analysis	8			
EE 467	Environmental Policies and Legislation	8			
ES 467	Environmental Policies and Legislation	8			
ES 468	Environmental Planning and Impact Assessment	8			
LM 238	Research Methodology	8			
MI 447	Project VII: Design of Domestic and Industrial Wastewater Treatment facilities	12			

Elective Courses

Code	Course Name	Credits
EE 363	Thermofluids	8
ES 483	Disaster Risk Management	8
MI 234	Occupational Health and Safety	8
MI 446	Industrial Wastewater Treatment	8

Bachelor of Science in Municipal and Industrial Services Engineering

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ES 111	Basic Chemistry	8	MI 111	Introduction to Municipal and Industrial Service Engineering	8
IS 143	Engineering Mathematics I	8	EE 117	Engineering Mechanics I	8
EE 143	Project I: Introduction to Technical Report Writing	8	EE 115	Soil Mechanics and Geology	8
EE 161	Engineering Drawing I	8	EE 116	Construction Materials and Technology	8
CS 101	English Language	8	EE 122	Projects II: Preliminary Design of a Low Cost Sanitation System	8
DP 101	Development Perspectives I	8	MI 121	Basic and Ecological Sanitation	12
IS 166	Fundamentals of Information Communication and Technology	8	EE 162	Engineering Drawing II	12
EG 100	Workshop Training	8	CL 102	Communication Skills	8
			FN 251	Financial literacy	8
			MI 151	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
MI 222	RS and GIS Applications in Municipal and Industrial Services Engineering	8	MI 214	Sewerage Engineering and Faecal Sludge Management	8
IS 241	Engineering Mathematics II	8	MI 215	Urban Stormwater Management	8
EE 218	Engineering Mechanics II	8	MI 234	Occupational Health and Safety	8
EE 229	Building Services Engineering	8	EE 214	Foundation Engineering	8
EE 231	Water Resources and Transportation Engineering	8	MI 217	Project IV Design of Sewerage, Stormwater and Faecal sludge systems	8
EE 232	Project III: Designs of Water Supply and Wastewater Collection Systems	8	EE 239	Fluid Mechanics II	12
EE 233	Hydrology	8	EL 217	Environmental Microbiology	8
EE 238	Fluid Mechanics I	8	GM 221	Introduction to Engineering Surveying	8
GM 111	Introduction to Land Surveying	8	MI 252	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
MI 319	Municipal Infrastructures and Governance	8	MI 313	Urban Infrastructure Planning and Management	8
MI 323	Renewable and Alternative Energy	8	MI 318	Traffic Engineering and Simulation	8
MI 331	Mining, Petroleum and Gas Processing Waste Management	8	MI 326	Solid Waste Infrastructure Design and Management	8
MI 341	Industrial Utility and Safety Services Engineering	8	MI 328	Managing water supply and sanitation in emergencies	8
MI 342	Industrial Ecology	8	MI 310	Regulatory and Legal Frameworks on Establishment and Operation of Municipal Infrastructure	8
MI 343	Project V: Occupational Health and Safety Systems	8	MI 335	Project VI Design of Water Treatment and Municipal Solid Waste Management Systems	8
CE 212	Structural Analysis I	8	MI 344	Fundamentals of Industrial Operations and Processes	8
CQ 220	Introduction to Quantity Surveying	8	EE 366	Land and Water Pollution Prevention and Control	8
	Elective	8	EE 334	Water Treatment Engineering	8
			MI 353	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
MI 429	Municipal Wastewater Treatment Technology	8	MI 454	Dissertation	60
MI 432	Risk Assessment and Management of Mining, Mineral Processing and Petroleum Operation/waste management	8			
MI 446	Industrial Wastewater Treatment	8			
MI 447	Project VII: Design of Municipal and Industrial Wastewater Treatment Facilities	8			
ES 491	Research Methodology for Scientist	8			
EE 467	Air Pollution Prevention and Control	8			
IN396	Innovation and Entrepreneurship	8			
ES 468	Environmental Planning and Impact Assessment	8			

Elective Courses

Code	Course Name	Credits
MI 329	Environmental Chemistry	8
ES 483	Disaster Risk Management	8
EE 337	Hydraulic Structures	8

Bachelor of Science in Environmental Science and Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 144	Mathematics I	8	IS 141	Statistics and Probability	8
ES 111	Basic Chemistry	8	IS 145	Mathematics II	8
ES 112	Fundamentals of Biology	8	ES 121	Introduction to Environmental Science	8
ES 113	Principles of Physics	8	ES 122	Environmental Geology	8
IS 166	Fundamentals of Information Communication and Technology	8	ES 123	Environmental Pollution Sources Survey	8
CL 101	English Language	8	CL 102	Communication Skills	8
DP 101	Development Perspectives	8	FN 251	Financial literacy	8
GM 111	Introduction to land surveying	8	ES 151	Industrial Training I	8
EE 143	Project I: Introduction to Technical Report Writing	8			

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ES 214	Instrumental Methods of Analysis	12	ES 225	Environmental Chemodynamics	12
ES 224	Environmental Ecology	8	ES 234	Scientific Experimental Design	8
ES 226	Project III: Assessment of Low Cost Sanitation Systems	8	ES 242	Toxicology and Risk Management	12
ES 231	Water Supply and Sanitation	12	ES 243	Project IV: Occupational Health and Safety	8
ES 232	Remote Sensing and Environment	8	ES 281	Meteorology	8
ES 233	Geographical Information Systems	8	MI 234	Occupational Health and Safety	8
ES 261	Principles of Economics	8	EL 217	Environmental Microbiology	12
EE 233	Hydrology	8	ES 252	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ES 335	Industrial and Municipal Wastewater Management	8	ES 337	Principles and Application of Biotechnology	8
ES 336	Soil Pollution and Remediation	8	ES 364	Project V: Waste Management	8
ES 338	Project VI: Contaminated Site Remediation	8	ES 365	Air Quality Monitoring and Management	8
ES 362	Environmental Economics and Management	8	ES 366	Groundwater Quality Monitoring and Management	8
ES 363	Surface water hydrometry and quality monitoring	8	ES 371	Introduction to Natural Resources Conservation and Management	8
ES 372	Mining and Environment	8	ES 373	Soil Conservation and Management	8
MI 329	Environmental Chemistry	12	ES 369	Solid Waste Management and Technology	12
EL 215	Environmental Compliance and Management	8		Elective	8
EE 343	Environmental Health and Epidemiology	8	ES 351	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ES 444	Hazardous Waste Management	8	ES 492	Dissertation	60
ES 467	Environmental Policies and Legislation	8			
ES 468	Environmental Planning and Impact Assessment	8			
ES 469	Agro-industrial waste Management	8			
ES 474	Environmental Management in Oil and Gas Industry	8			
ES 482	Climate Change Impact, Mitigation and Adaptation	8			
ES 483	Disaster Risk Management	8			
ES 491	Research Methodology	8			
ES 484	Project VII: Disaster Risk Reduction	8			
IN396	Innovation and Entrepreneurship	8			

Elective courses

Code	Course Name	Credits
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EE 465	Environmental Systems Analysis	8
MI 323	Renewable and Alternative Energy	8

Bachelor of Science in Environmental Laboratory Science and Technology

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EL 111	Introduction to Environmental Laboratory Science and Technology	8	EL 151	Industrial Training I	8
ES 112	Fundamentals of Biology	8	EL 162	Projects II: Analytical Laboratory Survey	8
ISI 144	Mathematics I	8	EL 165	Laboratory Instrumentation	12
ES 111	Basic Chemistry	8	ISI 145	Mathematics II	8
EE 143	Project I: Introduction to Technical Report Writing	8	EE 115	Soil Mechanics and Geology	8
IS 166	Fundamental of Information Communication and Technology	8	EE 116	Construction Materials and Technology	8
DP 101	Development Perspectives	8	CL 102	Communication Skills	8
CL 101	English Language	8	FN 251	Financial literacy	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EL 313	Solid and Hazardous Waste Management and Technology	8	EL 342	Laboratory Science and Technology for Air Quality and Noise Analysis	8
EL 318	Environmental Biotechnology	8	EL 343	Environmental Radiation Control	8
EL 332	Waste Management in Oil and Gas Industries	8	EL 347	Decentralized Sanitation Biotechnologies	8
EL 333	Environmental Quality for Oil and Gas Laboratory analysis	8	EL 353	Industrial Training III	8
EL 334	Project V Oil and Gas waste management	8	EL 361	Project VI: Technical Laboratory Plan	8
EL 341	Laboratory Science and Technology for Solid Waste and Sludge Analysis	12	EL 364	Laboratory Organization and Safety	12
MI 329	Environmental Chemistry	12	EL 367	Principles and Concepts of Laboratory Design	8
EE 343	Environmental Health and Epidemiology	8	ES 365	Air Quality Monitoring and Management	8
	Elective	8			

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EL 416	Health, Safety and Environment	8	EL 454	Dissertation	60
EL 427	Water and Sanitation Project Monitoring and Evaluation	8			
EL 435	Mining and Mineral Processing Waste Management	8			
EL 444	Environmental Monitoring	8			
EL 461	Project VII Design of Environmental Health and Safety Systems	8			
ES 467	Environmental Policies and Legislation	8			
ES 468	Environmental Planning and Impact Assessment	8			
ES 491	Research Methodology	8			
IN 396	Innovation and Entrepreneurship	8			

Elective courses

Code	Course Name	Credits
EL 319	Aquatic Pollution and Control	8
EL 369	Proficiency Testing in Laboratory	8
DM 483	Disaster Management	8

Bachelor of Science in Civil Engineering

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CL 101	English Language	8	CL 102	Communication Skills	8
DP 101	Development Perspectives	8	FN 251	Financial Literacy	8
GM 111	Introduction to Land Surveying	8	GM 221	Introduction to Engineering Surveying	8
IS 143	Engineering Mathematics I	8	IS 166	Fundamentals of Information Communication and Technology	12
CE 101	Engineering Drawing	8	CE 112	Dynamics of Solids	8
CE 111	Statics	8	CE 162	Building Design	8
CE 161	Basics of Building Construction	7	CE 171	Construction Materials I	12
EG 100	Workshop Training	8	CE 183	Industrial Training	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CE 221	Structural Analysis I	12	EE 115	Soil Mechanics and Geology	8
IS 241	Engineering Mathematics II	8	IS 242	Engineering Mathematics III	8

CE 201	Civil Engineering Drawing	12	EE 236	Pumps and Pumping stations	8
CE 213	Mechanics of Materials	8	CE 233	Fundamentals of Hydrology	8
CE 242	Fluid Mechanics	8	CE 231	Traffic Engineering and Planning	8
CE 241	Open Channel Hydraulics	8	CE 232	Highway Geometric Design	8
CE 271	Construction Materials II	12	CE 282	Semester Project I	12
			CE 283	Industrial Training	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EE 231	Water Resources and Transportation Engineering	12	IS 141	Statistics and Probability	8
EE 337	Hydraulic Structures	8	CE 324	Design of Reinforced Concrete Structures I	12
CE 321	Structural Analysis II	12	CE 325	Design of Masonry Structures	8
CE 322	Design of Timber Structures	8	CE 351	Foundation Engineering	8
CE 323	Design of Steel Structures	8	CE 363	Construction Project Management	10
MI 429	Municipal Wastewater Treatment Technology	12	CE 334	Pavement Materials and Design	8
CE 381	Semester Project II	12	CE 382	Semester Project III	12
			CE 383	Industrial Training III	8
				Elective 1	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IN 396	Innovation and Entrepreneurship	8	CE 484	Dissertation	60
CE 467	Civil Engineering Procedures	8			
CE 464	Construction Technology	8			
CE 465	Construction Maintenance	8			
CE 466	Professional Practice	4			
LM 238	Research Methodology	8			
CE 424	Design of Reinforced Concrete Structures II	12			
CE 481	Semester Project IV	12			
	Elective 2	8			

<i>Elective 1 Courses (Third Year-Semester 2)</i>			<i>Elective 2 Courses (Fourth Year-Semester 1)</i>		
Code	Course Name	Credits	Code	Course Name	Credits
CE 421	Structural Analysis III	8	MI 326	Solid Waste Infrastructure Design and Management	12
CE 426	Structural Dynamics	8	CE 433	Pavement Maintenance and Rehabilitation	8
CE 427	Design of Bridges	8	CE 435	Labour Based Road Engineering	8
CE 443	Irrigation Engineering		CE 436	Airport, Harbour and Railway Engineering	8
			CE 437	Transportation Economics	8
			DM 101	Introduction to Disaster Risk Management	8

**SCHOOL OF EARTH SCIENCES, REAL ESTATE, BUSINESS AND INFORMATICS
(SERBI)**

Bachelor of Science in Land Management and Valuation

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EC 100	Principles of Economics	8	CL102	Communication Skills	8
CL 101	English Language	8	FN 251	Financial Literacy	8
DP 101	Development Perspectives	8	PM 111	Architectural Studies	8
GM 111	Introduction to Land Surveying	12	PM 112	Introduction to Construction	8
IS 166	Fundamentals of Information Communication and Technology	8	IS 141	Statistics and Probability	8
IS 149	Basic Mathematics	8	LM 111	Environmental Studies	8
LM 141	Introduction to Valuation	8	LM 131	Principles of Management	8
LM 151	Elements of Law	8	LM 152	Business Law	8
			LM 161	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
PM 213	Construction	12	GS 121	Fundamentals of Geographic Information Science	12
RE 233	Business Accounts	8	QC 220	Basics of Quantity Surveying	8
LM 212	Land Economics	8	PM 215	Building Materials	8
LM 213	Housing	8	PM 276	Scientific Report Writing	8
LM 232	Basics of Urban and Rural Planning	8	RE 221	Econometrics	8
LM 242	Principles and Methods of Valuation	8	LM 233	Land Administration I	8
LM 253	Land Law I	8	LM 234	Rural Land Studies	6
LM 262	Research Methodology	8	LM 254	Land Law II	6
			LM 263	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 314	Urban Economics	8	RE 322	Real Estate Market Analysis	8
LM 335	Land Administration II	10	PM 333	Project Management	8
LM 343	Applied Valuation I	10	RE 321	Fundamentals of Property Finance and Investment	8
LM 355	Public Policy Analysis	8	LM 344	Applied Valuation II	12
LM 356	Property Taxation	8	LM 358	Administrative Law	8

LM 357	Conveyancing and Disposition	8	LM 359	Land Policy Studies	8
LM 364	Semester Project	12	LM 365	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
IN 396	Innovation and Entrepreneurship	8	LM 467	Dissertation	60
RE 434	Business Ethics	8			
LM 436	Land Administration Case Work	12			
LM 445	Valuation Casework	12			
LM 466	466 Research Proposal Writing	12			
	Elective	8			

Electives

Code	Course Name	Credits
LM 415	Forest Economics	8
LM 416	Agricultural Economics	8
LM 423	GIS for Real Estate Professionals	8

Bachelor of Science in Property and Facilities Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 149	Basic Mathematics	8	CL 102	Communication Skills	8
DP 101	Development Perspectives	8	FN 251	Financial Literacy	8
CL 101	English Language	8	PM 111	Introduction to Building Construction	8
LM 151	Elements of Law	8	PM 112	Architectural Studies	8
IS 166	Fundamentals of Information Communication and Technology	12	IS 141	Statistics and Probability	8
EC 100	Principles of Economics	8	LM 111	Environmental Studies	8
PM 132	Fundamentals of Property and Facilities Management	8	LM 131	Principles of Management	8
GM 111	Introduction to Land Surveying	12	LM 152	Business Law	8
			PM 171	Industrial Training I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
PM 231	Strategic Facility Planning	8	QS 220	Basics of Quantity Surveying	8
PM 213	Building Construction	12	PM 215	Building Materials	8

BB 111	Accounting Fundamentals	8	PM 276	Scientific Report Writing	8
LM 213	Housing	8	GS 121	Fundamentals of Geographic Information Science	12
LM 253	Land Law I	8	BB 112	Principles of Accounting	8
LM 212	Land Economics	8	PM 251	Landlord and Tenant Law	8
LM 262	Research Methodology	8	LM 254	Land Law II	8
PM 241	Construction Economics	8	PM 273	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
PM 314	Maintenance Management and Technology	10	RE 322	Real Estate Market Analysis	8
PM 337	Infrastructure and Building Services Management	8	PM 336	Facilities Management II	12
PM 325	Property Development	8	LM 358	Administrative Law	8
PM 335	Facilities Management I	10	PM 326	Structural and Condition Surveys	8
LM 355	Public Policy Analysis	8	PM 339	Property Management	12
LM 356	Property Taxation	8	PM 333	Project Management	8
LM 357	Conveyancing and Disposition	8	PM 331	Rehabilitation and Space planning	8
PM 371	Semester Project	12	PM 374	Industrial Training III	8
				Elective	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IN 396	Innovation and Entrepreneurship	8	PM 477	Dissertation	60
LM 467	Research Proposal Writing	8			
PM 475	Property and Facilities Management Casework	8			
PM 422	Real Estate Marketing and Agency	8			
LM 438	Corporate Real Estate Management	8			
PM 434	Contract Management	8			
RE 448	Business Ethics	8			

Elective Courses

Code	Course Name	Credits
LM 423	GIS For Real Estate Professionals	8
DM 101	Introduction to Disaster Risk Management	8

Bachelor of Science in Real Estate Finance and Investment

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
EC 100	Principles of Economics	8	CL 102	Communication Skills	8
CL 101	English Language	8	PM 111	Architectural Studies	8
DP 101	Development Perspectives	8	PM 112	Introduction to Building Construction	8
GM 111	Introduction to Land Surveying	12	IS 141	Statistics and Probability	8
IS 166	Fundamentals of Information Communication and Technology	12	LM 111	Environmental Studies	8
IS 149	Basic Mathematics	8	LM 131	Principles of Management	8
RE 111	Introduction to Real Estate Investments and Markets	8	LM 152	Business Law	8
LM 151	Elements of Law	8	RE 161	Industrial Training, I	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
PM 213	Building Construction	12	GS 121	Fundamentals of Geographic Information Science	8
RE 233	Business Accounts	8	CQ 220	Basics of Quantity Surveying	8
LM 213	Housing	8	PM 276	Scientific Report Writing	8
LM 232	Land Law I	8	RE 221	Econometrics	8
LM 212	Basics of Urban and Regional Planning	8	LM 270	Land Law II	8
LM 262	Research Methodology	8	RE 231	Financial Mathematics	8
BB 252	Quantitative Techniques	8	RE 232	Financial Markets	8
BB 221	Money and Banking	8	FN 259	Corporate Finance	8
			RE 262	Industrial Training II	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 314	Urban Economics	8	PM 333	Project Management	8

LM 335	Public Policy Analysis	12	LM 358	Administrative Law	8
LM 357	Conveyancing and Disposition	8	RE 314	Real Estate Appraisal	8
RE 312	Real Estate Finance I	8	RE 315	Real Estate Finance II	8
RE 341	Investment Analysis	8	RE 351	Taxation	8
PM 325	Property Development	8	RE 316	Property Investment I	8
RE 363	Semester Project	12	FN 251	Financial literacy	8
			RE 364	Real Estate Market Dynamics and Modelling	8
			RE 313	Industrial Training III	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IN 396	Innovation and Entrepreneurship	8	RE 465	Dissertation	60
RE 434	Business Ethics	8			
LM 466	Research Proposal Writing Workshop	8			
LM 423	GIS for Real Estate Professionals	8			
RE 417	Computer-Aided Property Appraisal	8			
RE 419	Property Investment II	8			
PM 429	Real Estate Marketing and Agency	8			
RE 418	Real Estate Finance and Investment Casework	8			

Bachelor of Science in Accounting and Finance

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 111	Accounting Fundamentals	8	DS 102	Development Perspective II	8
CS 101	English Language	8	BB 114	Commercial Law	8
DS 101	Development Perspective I	8	BB 112	Principles of Accounting	8
IS 161	Fundamentals of Computer Systems	12	FN 151	Principles of Finance	8
EC 111	Introductory to Microeconomics I	8	BB 115	Introduction to Business	8
BB 131	Productions and Operations Management	8	LM 131	Principles of Management	8
IS 149	Basic Mathematics	8	IS 141	Statistics and Probability	8
EC 121	Introductory to Macroeconomics I	8	CL102	Communication skills	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 221	Money and Banking	8	FN 259	Corporate Finance	8
BB 232	Strategic Management	8	RE 242	Econometrics	8
BB 233	Organizational Behaviour	8	AC 355	Auditing	8
AC 291	Public Finance and Taxation	8	AC 273	Financial Accounting I	8
FN 256	Financial Management	8	AC 292	Public Finance and Taxation II	8
BB 241	Quantitative Techniques	8	FN 250	Personal Finance	8
LM 262	Research Methodology	8	FN 255	Financial Markets and Institutions	8
AC 281	Public Sector Accounting I	8	AC 271	Computer Application in Accounting	8
			AC 276	Cost Accounting	8
			BB 262	Industrial Training	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 322	Principles of Marketing	8	AC 372	Auditing and Assurance Services	8
BB 334	Business Values and Ethics	8	AC 377	Financial Reporting	8
AC 382	Public Sector Accounting II	8	FN 358	Equity Valuation	8
AC 374	Financial Accounting II	8	FN 357	International Business and Finance	8
AC 378	Management Accounting	8	BB 323	Marketing and Financial Services	8
FN 354	Derivative Securities and Risk Management	8	FN 353	Financial Modelling	8
BB 335	Procurement and Logistics Management	8	FN 352	Portfolio and Wealth Management	8
BB 313	Entrepreneurship	8	BB 361	Semester Project	16
	Elective	8			

Electives (3rd Year)

Code	Course Name	Credits
RE 355	Real Estate Finance I	8
LM 356	Property Taxation	8

Bachelor of Banking and Finance

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 111	Accounting Fundamentals	8	DS 102	Development Perspectives II	8

CL 101	English Language	8	BB 112	Principles of Accounting	8
DP 101	Development Perspectives I	8	BB 115	Introduction to Business	8
IS 161	Fundamentals of Computer Systems	12	FN 151	Principles of Finance	8
EC 111	Introductory to Microeconomics I	8	LM 131	Principles of Management	8
IS 149	Basic Mathematics	8	IS 141	Statistics and Probability	8
EC 121	Introductory to Macroeconomics I	8	CL102	Communication Skills	8
BK 111	Principles of Banking I	8	BK 112	Principles of Banking II	8
			BK 161	Industrial Training	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 243	Strategic Management	8	FN 259	Corporate Finance	8
BB 244	Organization Behavior	8	BK 231	Credit and Lending	8
FN 256	Financial Management	8	BK 216	Banking Law	12
BB 241	Quantitative Techniques	8	RE 242	Econometrics	8
LM 262	Research Methodology	8	FN 250	Personal Finance	8
BK 213	International Banking and Finance	8	FN 255	Financial Markets and Institutions	8
BK 214	Bank Management	8	BK 262	Industrial Training	8
BK 215	Banking Operations	8			

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
BB 322	Principles of Marketing	8	BK 341	Lease Financing	8
BK 317	Microfinance	8	IR 351	Bancassurance	8
BK 321	Treasury Management	8	FN 357	International Business and Finance	8
BK 342	Ethics and Customer Care in Banking Business	8	FN 350	Marketing of Financial Services	8
BB 313	Entrepreneurship	8	FN 353	Financial Modeling	8
BK 318	Risk Management	8	FN 352	Portfolio and Wealth Management	8
BB 335	Procurement and Logistics Management	8	BK 362	Semester Project	16
FN 358	Equity Valuation	8			
	Elective	8			

Elective courses

Code	Course Name	Credits
RE 355	Real Estate Finance I	8
BK 342	Islamic Finance	8

Bachelor of Science in Information Systems and Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CL101	English Language	8	CL102	Communications Skills	8
DP101	Development Perspectives	8	FN 251	Financial Literacy	8
IS121	Fundamentals of Computer Programming	12	IS141	Statistics and Probability	8
IS163	Fundamentals of Digital Electronics	12	IS122	Data Structure and Algorithms	12
IS142	Discrete Mathematics	12	IS 273	Structured System Analysis and Design	8
IS161	Fundamentals of Computer System	8	IS181	Fundamentals of Computer Networks	8
			IS191	Project1: Problem Solving Using Information Systems	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS 268	User Interface and Design (UI/UX)	8	IS265	Multimedia Systems	8
IS264	Operating Systems	8	IS224	Web Applications Development	12
IS231	Database Systems	12	IS 251	Information Systems Security	8
IS223	Object Oriented Programming	12	IS 211	Enterprise Information Systems	8
IS274	Object Oriented System Analysis and Design	12	GI 121	Fundamentals of Geographical Information Systems	8
IS243	Analytical Methods for Computing	12	CN 285	Wireless Technologies	8
			IS 292	Project II: Information Systems Analysis, Design and Implementation	8
			IS293	Industrial Training	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS325	Mobile Applications Development	12	IS353	Information Systems Audit and Control	8
IN396	Innovation and Entrepreneurship	8	IS354	Computer Modelling and Simulation	8

IS313	Project Management in Information Systems	8	BB347	Management & Organization Behavior	8
CN354	Cloud and DevOps	12	IS395	Dissertation	40
IS312	Ethical, Legal & Social Issues In Information Technology	8			
IS352	Emerging Information Technologies and Innovation	12			
IS394	Research Methods and Dissertation Writing	8			

Bachelor of Science in Computer Systems and Networks

<i>Year 1 Semester 1</i>			<i>Year 1 Semester 2</i>		
Code	Course Name	Credits	Code	Course Name	Credits
CL101	English Language	8	CL102	Communication Skills	8
DP101	Development Perspectives	8	FN251	Financial Literacy	8
IS121	Fundamentals of Computer Programming	12	IS181	Fundamentals of Computer Networks	8
IS142	Discrete Mathematics	12	IS122	Data Structure and Algorithms	12
IS163	Fundamentals of Digital Electronics	8	IS141	Statistics and Probability	8
IS161	Fundamentals of Computer Systems	12	CN167	Electrical and Electronics Circuits	8
			CN163	Computer Systems Architecture	8
			CN191	Project I: Problem Solving Using Computer Systems	8

<i>Year 2 Semester 1</i>			<i>Year 2 Semester 2</i>		
Code	Course Name	Credits	Code	Course Name	Credits
CN282	Switching and Routing	12	CN268	Industrial Automation	12
IS223	Object Oriented Programming	12	CN285	Wireless Technologies	8
IS243	Analytical Methods for Computing	12	CN283	Network Analysis and Design	12
IS264	Operating Systems	8	CN286	Embedded Measurement and Control	8
IS231	Database Systems	12	IS251	Information Systems Security	8
IS274	Object Oriented System Analysis and Design	12	IS224	Web Application Development	12
			CN292	Project II: Smart Systems and Network Design	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CN293	Industrial Training	8	CN386	Network Virtualization Technologies	8
IS312	Ethical, Legal and Social Issues in Information Technology	8	CN389	Network Administration in Linux	8
CN366	Smart Systems Development	12	CN311	Enterprise Server Management	8
IN396	Innovation and Entrepreneurship	8	CN395	Dissertation	40
CN354	Cloud and DevOps	12			
CN394	Research Methods and Dissertation Writing	8			
	Elective	12			

Electives

Code	Course Name	Credits
IS325	Mobile Application Development	12
IS352	Emerging Information Technologies and Innovations	12

Bachelor of Science in Data Science and Artificial Intelligence

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CS101	English Language	8	CS102	Communication Skills	8
DP101	Development Perspectives	8	FN 251	Financial Literacy	8
IS121	Fundamentals of Computer Programming	12	DA112	Fundamentals of Data Visualization	10
IS142	Discrete Mathematics	12	IS122	Data Structure and Algorithms	12
IS163	Fundamentals of Digital Electronics	8	DA 162	Calculus	12
DA 141	Fundamentals of Artificial Intelligence	8	DA 121	Machine Learning Principles	8
DA 161	Statistics for Data Science	10	DA181	Project I: Problem Solving Using Fundamentals Concepts of Data Science and Artificial Intelligence	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DA 226	Python Object Oriented Programming	10	DA 232	Cloud Services	8
DA 222	Machine Learning Algorithms	10	DA 224	Deep learning	12

IS231	Database Systems	12	DA 242	Advanced Artificial Intelligence	10
DA 231	Big Data and Analytics	8	IS224	Web Application Development	12
DA 263	Linear Algebra	8	DA 271	Cyber Security	8
DA 253	Internet of Things	8	DA 282	Industrial Partnership Project: Problem Solving Using Fundamentals Concepts of Data Science and Artificial Intelligence	8
DA 213	Data Management and Visualization	10	DA 283	Industrial Training	8

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DA 372	Ethical use of AI	8	DA 344	AI Leadership	8
IN396	Innovation and Entrepreneurship	8	DA 333	Edge AI	12
DA 323	Reinforcement Learning	8	DA 385	Dissertation (Multidisciplinary Research Project)	40
DA 343	Applied AI	12			
DA 325	Machine Learning Operations (MLOps)	10			
DA 384	Pre-dissertation (Research Methods and Dissertation Writing) proposal and manuscript writing skills	8			
	ELECTIVE	12			

Electives

Code	Course Name	Credits
IS325	Mobile Application Development	12
CN 366	Smart Systems Development	12

Bachelor of Science in Geomatics

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DP 101	Development Perspectives	8	FN 251	Financial Literacy	8
GI 111	Principles of Cartography	8	GI 121	Introduction to photogrammetry	8
GM 111	Introduction to Land Surveying	12	GS 122	Remote Sensing Principles	8
IS 142	Discrete Mathematics	12	GM 112	Topographic Surveying	10
GT 111	Physics	8	IS 141	Statistics and Probability	8

IS 161	Fundamentals of computer systems	12	IS 163	Fundamentals of Digital Electronics	8
IS 121	Fundamentals of Computer Programming	12	Cl 102	Communication Skills	8
CS 101	English Language	8	IS 231	Database Systems	12
			GM 183	Project I - Topographic Surveying and Instruments handling	8
			GM 184	Industrial Training I	6

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS243	Analytical Methods for Computing	12	GM 214	Cadastral Surveying	12
IS 223	Object Oriented Programming	12	GM 221	Introduction to Engineering Surveying	10
GM 343	Map Projections	8	GS 121	Fundamentals of Geographical Information Systems	8
GM 213	Electronic Surveying	8	GS 226	Land, Environment and ICT laws	8
GM 231	Adjustment Theory	8	UP 202	Neighbourhood Design Principles and Concepts	8
GM 241	Spherical and Ellipsoidal Geometry	8	GM 281	Project II: Cadastral Surveying	8
GM 232	Control Surveys	12	GM 284	Industrial Training II	6
GM 265	Vector Calculus and Differential equations	8			

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GM 355	Satellite Surveying	10	GM 352	Physical Geodesy	8
GM 364	Numerical Methods	8	GM 333	Applied Adjustment	10
GM 342	Geometrical Geodesy	8	GT 221	Land Administration	8
GM 351	Space Geodetic Techniques	8	GM 453	Geophysics	8
GM 363	Differential Geometry	8	HI 354	Project Planning and Monitoring	8
HI 352	Project Appraisal and Financing	8	GM 371	Industrial Metrology	8
GS 216	Remote Sensing Applications	8	LM 262	Research Methodology	8
	Elective	8	GM 382	Project III: Control Surveying	8
			GM 384	Industrial Training III	6

Elective Courses

Code	Course Name	Credits
DM 101	Introduction to Disaster Risk Management	8
CD 173	Introduction to Critical Thinking And Argumentation	8
CE 232	Highway Geometric Design	8

Year 4 Semester 1			Year 4 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GM 411	Deformation Analysis and Advanced Engineering Surveying	10	GM 493	Dissertation	60
GM 454	Earth Gravity Field and its Applications	8			
GM 323	Hydrographic Surveying	10			
GS 392	Pre-dissertation	8			
QC 341	Principles of Management	8			
BB 313	Entrepreneurship	8			
GM 484	Professional Practices in Geospatial Sciences	8			
GM 483	Project IV: Engineering and Hydrographic Surveying	8			

Bachelor of Science in Geographical Information Systems and Remote Sensing

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DP 101	Development Perspectives	8	FN 251	Financial literacy	8
GI 111	Principles of Cartography	8	IS 231	Database Systems	12
GM111	Introduction to Land Surveying	12	CL 102	Communication Skills	8
IS142	Discrete Mathematics	12	GI 121	Introduction to Photogrammetry	8
IS 161	Fundamentals of Computer Systems	12	GS 226	Land, Environment and ICT Laws	8
IS121	Fundamentals of Computer Programming	12	GS 122	Remote Sensing Principles	8
GS 112	Principles of Spatial Data Acquisition	8	GS 121	Fundamentals of Geographical Information Systems	8
			GS 123	Semester Project I - GIS and Remote Sensing Camp	8
			GM 112	Topographic Surveying	10
			GS 161	Industrial Training I	6

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits

Year 2 Semester 1			Year 2 Semester 2		
IS 243	Analytical Methods for Computing	12	LM 262	Research Methodology	8
GS 216	Remote Sensing Applications	8	GT 221	Land Administration	8
GS 211	Geospatial Databases	10	GS 225	Advances in Geographic Information Systems	10
GS 212	Spatial Statistics	8	GS 222	Geospatial Applications of Unmanned Aerial Systems (UAS)	8
GS 213	Spatial Analysis and Applications	10	GS 228	Advances in Remote Sensing Techniques	10
GS 221	Web-GIS and Mobile Applications Development	10	GS 227	Spatial data Modeling and analysis	8
GS 215	Advanced Photogrammetry	8	GS 223	GIS and Remote Sensing in Transportation and Utilities	8
IS 223	Object Oriented Programming	12	GS 214	Digital Cartography and Geo-Visualization	8
			GS 224	PROJECT II: Integrating GIS, RS and Photogrammetry	8
			GS 262	Industrial Training II	6

Year 3 Semester 1			Year 3 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
QC 341	Principles of Management	5	GS 321	Advanced Image Processing	8
GS 311	GIS and Remote Sensing in Agriculture and Natural Resources Management	8	GS 322	GIS and Remote Sensing in Environmental Monitoring and Disaster Management	8
GS 392	Pre-dissertation	8	HI 354	Project Planning and Monitoring	8
IN396	Innovation and Entrepreneurship	8	GS 393	Dissertation	36
GS 334	PROJECT III: Geospatial Analytics for Societal Challenges	8			
GM 484	Professional Practice in Geospatial Sciences	8			
HI 352	Project Appraisal and Financing	8			
GS 313	Geospatial Decision Support Systems	8			
	Elective 1	8			

Electives (3rd Year)

Code	Course Name	Credits
DM 101	Introduction to Disaster Risk Management	8

CD 173	Introduction to Critical Thinking and Argumentation	8
ES 468	Environmental Planning and Impact Assessment	8

School of Engineering and Environmental Studies																				
1	B.Sc. in Environmental Engineering																			
2	B.Sc. in Municipal & Industrial Services Engineering																			
3	B.Sc. in Environmental Science Management																			
4	BSc. Environmental Laboratory Science and Technology																			

S/ N	Name of Programme	In Semester Field work (No of Days)								Research										Industrial Training (IT) – (No. of Days)						
		1st Year		2nd Year		3rd Year		4th Year		1st Year		2nd Year		3rd Year		4th Year		5th Year		Dissertation		1st Year	2nd	3rd Year	4th Year	5th Year
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2					
	School of Engineering and Environmental Studies	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	2	2	2	2	2
1	B.Sc. in Civil Engineering																									

D-final year research dissertation

P-semester research project

UNDERGRADUATE ACADEMIC PRIZES OFFERED BY VARIOUS DONORS

Academic Prizes Offered Across the University

1. **Ministry of Education, Science and Technology Prize**
Awarded to the best final year degree student in each School based on overall performance.
2. **University Prizes**
Awarded to the best student in the final year degree examinations with best degree dissertation in each School.
3. **Council Chairperson's Prize**
Awarded to the best final year degree student in *each School* based on overall performance in final year examinations.
4. **The Vice Chancellor's Prize 1**
Awarded to the Best student in *first year* degree examinations based on overall performance in *each Department*.
5. **The Vice Chancellor's Prize 2**
Awarded to the best student in *second year* degree examinations based on overall performance in each Department.
6. **The Vice Chancellor's Prize 3**
Awarded to the best continuing student in *third year* degree examinations based on overall performance in each Department.
7. **The Vice Chancellor's Prize 4**
Awarded to the best continuing student in *fourth year* examinations based on overall performance in the Department of Architecture.
8. **School Dean's Prize**
Awarded to the best final year degree *female* student in *each School* based on overall performance in final year examinations.
9. **The Mrs Siwale Prize**
Awarded to the final year *female* student with the best degree Dissertation in each Department.
10. **The Horsens Polytechnic Prize**
Awarded to the final year *female* student with the best degree dissertation in each Department.
11. **INSIGNIA GALAXY Paints LTD Prize**
Awarded to the best ARU final year student as judged by overall performance.
12. **The Allan Mugisha Prizes**
Awarded to:
 - i) Best ARU final year overall *Female* student
 - ii) Best ARU final year overall *Male* student.

Academic Prizes Offered in the School of Architecture, Construction Economics and Management (SACEM)

In addition to the prizes offered across the University, SACEM also has specific prizes offered by various donors.

1. K & M ARCHPLANS (T) LTD Prize

Awarded to the best fifth year degree student in Dissertation Part II in the Bachelor of Architecture Programme.

2. BEN AND FORT Prize

Awarded to the best first year student in free hand sketching.

3. The Architecture Association of Tanzania (AAT) Prize

Awarded to the best final year degree student in Design Dissertation in the Department of Architecture.

4. NOSUTO Associates Prize

Awarded to the best fourth year degree student from the Department of Architecture in the subject "Building Technology".

5. Envirolink Architects Prize

Awarded to the best first year degree student in the subject "Environmental Science"

6. Mekon Prize

Awarded to the best final year student in the Department of Architecture as judged by overall performance in "Studio"

7. The Tanzania Institute of Quantity Surveyors (TIQS) Prize

Awarded to the best final year degree student in the subject "Professional Practice" in the Department of Building Economics.

8. The CQS Services LTD Prize

Awarded to the best third year student in the subject "Measurement of Building Services"

9. The Ntiyakunze Prize

Awarded to the best second year degree student in the subject "Measurement of Building Works".

10. The WEBB URONU and Partners LTD Prize

Awarded to the best final year student in the subject "Construction Economics" in the Department of Building Economics.

11. The Architects and Quantity Surveyors Registration Board (AQRB) Prizes

Awarded to:-

- a) Best fourth year student in the subject "Professional Practice" in the Department of Architecture.
- b) Best final year degree student with highest average mark in the following subjects:-
 - i) Measurement of Building Works (I,II,III and IV)
 - ii) Measurement of Building Services
 - iii) Building Construction (I,II,III and IV)
 - iv) Measurement of Civil Engineering Works

12. Arch. Prof. Livin Mosha Prize

Awarded to the best student in the subject "Urban Development and Housing".

Academic Prizes Offered in the School of Engineering and Environmental Studies (SEES)

In addition to the prizes offered across the University, SEES also has specific prizes offered by various donors.

1. The IPP Ltd. Prize

Awarded to the best *final year* degree student in the School of Engineering and Environmental Studies as judged by overall performance.

2. Kahama Mining Corporation Ltd Prizes

Awarded to:

- i) Best fourth year student in overall performance in the School of Engineering and Environmental Studies.
- ii) Best second year student in overall performance in the subject “Sewerage and Drainage Engineering”.
- iii) Best *third year* student in overall performance in the subject “Water Treatment Engineering”.
- iv) Best *fourth year* student in overall performance in the subject “Environmental Planning and Impact Assessment”.

3. The National Environmental Management Council (NEMC) Prize

Awarded to the best second year degree student in the Department of Civil and Environmental Engineering as judged by overall performance

4. The Gauff Ingeniure (H.P. Gauf Ingenieure) Prize

Awarded to the best first year degree student in the Department of Civil and Environmental Engineering as judged by overall performance

5. Prof. Gupta Prize

Awarded to the Best *third year* student in the subject "Industrial Wastewater Treatment"

6. The Environmental Resources Consultancy (ERC) Prizes

Awarded to:

- i) Best third year student in the subject “Solid Waste Management”
- ii) Best third year student in the subject “Land and Water Pollution, Prevention and Control”
- iii) Best *fourth year* student in the subject "Environmental Systems Analysis"
- iv) Best fourth year student in the subject’ “Environmental Planning and Impact Assessment”
- v) Best fourth year student in the subject “Wastewater Treatment Technology”.

7. Tanzania Association of Environmental Engineers (TAEEs) Prizes

Awarded to:-

- i) Best overall female student in the first year of study in the School of Engineering and Environmental Studies
- ii) Best second year student in the subject “Water Resources and Transportation Engineering” in the Department of Civil and Environmental Engineering
- iii) Best second year student in the subject “Water Supply and Sanitation” in the Department of Environmental Science and Management
- iv) Best third year degree student in the subject “Environmental Health and Epidemiology” in the Department of Civil and Environmental Engineering
- v) Best third year student in Project V: “Waste Management” in the Department of Environmental Science and Management
- vi) Best *fourth year* student in the subject “Climate Impact Mitigation and Adaptation” in the Department of Environmental Science and Management

vii) Best fourth year student in the subject “Environmental Planning and Impact Assessment” in the Department of Civil and Environmental Engineering.

8. Dr. Fredrick Salukele Prize

Awarded to the best student in the subject “Environmental Pollution and Control” in the School of Engineering and Environmental Studies

9. Prof. Shadrack M. Sabai Prize

Awarded to the best final year student in the subject “Wastewater Treatment Technology” in the School of Engineering and Environmental Studies.

10. Prof. Anesi Mahenge Prize

Awarded to the best second year student in the subject “Water Supply and Sanitation” in the School of Engineering and Environmental Studies.

Academic Prizes Offered in the School of Earth Sciences, Real Estate, Business and Informatics (SERBI)

In addition to the prizes offered across the University, SERBI also has specific prizes offered by various donors.

1. Royal Mark Suppliers Co. Ltd Prizes

Awarded to:-

- i) Best first year degree student in BSc. Information Systems Management
- ii) Best second year degree student in BSc. Information Systems Management

2. Proper Consult (T) LTD Prize

Awarded to best third year student in the subject "Property Finance" in the Department of Land Management and Valuation.

3. Knight Frank Prizes

Awarded to:

- i) Best *first-year* student in the BSc. LMV Programme as judged by overall performance.
- ii) Best *fourth year* student in the subject "Valuation Casework" in the LMV Department.
- iii) Best *third year* student in the subject "Applied Valuation II" in the LMV Department.

4. Majengo Estate Developers Ltd. Prizes

Awarded to:

- i) Best *third year* degree student in the subject "Real Estate Market Analysis" in BSc LMV programme
- ii) Best *third year* student in the subject "Maintenance of the Built Environment" in the LMV Department.

5. National Housing Cooperation (NHC) Prizes

Awarded to:-

- i) Best first year student in the BSc in PFM programme as judged by overall performance
- ii) Best *first year* student in the BSc in REFI programme as judged by overall performance
- iii) Best *first year* student in the BSc in LMV programme as judged by overall performance
- iv) Best *second year* student in the subject "Housing" in BSc LMV programme
- v) Best *third year* degree student in the subject "Real Estate Appraisal in BSc REFI programme
- vi) Best *fourth year* student in the subject "Professional Casework" in BSc. REFI programme
- vii) Best *final year* degree student in BSc. REFI programme as judged by overall performance
- viii) Best *fourth year* student in the subject "Property and Facilities Management Casework" in BSc. PFM programme
- ix) Best *fourth year* degree student in the subject "Corporate Real Estate Management" in BSc. PFM programme
- x) Best *final year* degree student in BSc PFM programme as judged by overall performance
- xi) Best *third year* degree student in the subject "Real Estate Market Analysis" in BSc LMV programme
- xii) Best *third year* degree student in the subject "Facilities Management" in BSc PFM programme
- xiii) Best *fourth year* student in the subject "Valuation Casework" in the BSc. LMV Programme

6. Africa Property Ltd. Prize

Awarded to best fourth year student in the subject "Valuation Casework" in the Department of Land Management and Valuation.

7. T.C Rwechungura Prizes

Awarded to:

- i) Best *second year* student in the subject "Land Economics"
- ii) Best third year student in the subject "Urban Economics"

8. The Allan Mugisha Prizes

Awarded to:

- i) Best final year *Male* student in the BSc in Land Management and Valuation program
- ii) Best final year *Female* student in the BSc in Land Management and Valuation program

9. The Valuation Registration Board (VRB) Prize

Awarded to the best *final year* student in the BSc LMV programme in the subject "Valuation Casework" based on overall performance

10. Association of Real Estate Professionals of Tanzania (AREPTA) Prize

Awarded to"

- i) Best final year student in the BSc LMV programme based on overall performance.
- ii) Best final year student in the BSc PFM programme based on overall performance.
- iii) Best final year student in the BSc REFI programme based on overall performance.

11. RINAZ Proper Consult Academic Prize

Best student in the subject "Land Administration Casework" based on overall performance.

Academic Prizes Offered in the School of Spatial Planning and Social Sciences (SSPSS)

In addition to the prizes offered across the University, SSPSS also has specific prizes offered by the following donors:

1. Town Planners Registration Board (TPRB) Prizes

Awarded to:

- i) Best final year degree student based on best performance in the subject “Planning Professional Practice” in BSc. URP Programme
- ii) Best final year degree student based on best performance in the subject “Planning Professional Practice” in BSc. HIP Programme
- iii) Best final year degree student based on best performance in the subject “Planning Professional Practice” in BSc. RDP Programme

2. Land General Planning Company Limited (LAGPLAC) Prizes

Awarded to:

- i) Best third year degree student based on best performance in the subject “Informal Settlements Regularization Studio” in BSc. URP Programme
- ii) Best third year degree student based on best performance in the subject “Land Conflicts Management” in BSc. RDP Programme
- iii) Best third year degree student based on best performance in the subject “Project Planning and Management” in BSc. HIP Programme
- iv) Best final year degree student based on best performance in the subject “Planning Professional Practice” in BSc. URP Programme
- v) Best final year degree student based on best performance in the subject “Local Governance” in BSc. RDP Programme

POSTGRADUATE STUDIES

POSTGRADUATE ENTRY REQUIREMENTS

A: School of Architecture, Construction Economics and Management

Masters of Architecture (M. Arch)

Direct Entry Requirements:

Bachelor's degree Second Class Lower or above (Minimum GPA 2.7) in Architecture, or equivalent from any Institution recognized by ARU;

Bachelor's degree of any discipline related to built environment such as Interior Design, Landscape Architecture, Civil Engineering, Urban and Regional Planning, Physical Planning, Urban Design, Building Economics and Construction Management of at least Lower Second or above (Minimum GPA 2.7) from any Institution recognized by ARU

Recommendations from two referees.

Equivalent Qualifications:

- Postgraduate Diploma in Architecture or equivalent from a recognized university or institution of higher learning (Minimum GPA 3.5);
- Any Postgraduate diploma of any discipline related to built environment such as Interior Design, Landscape Architecture, Civil Engineering, Urban and Regional Planning, Physical Planning, Urban Design, Building Economics and Construction Management of at least Lower Second or above (Minimum GPA 3.5) from any Institution recognized by ARU.

Master of Science in Construction Economics and Management (MSc. CEM)

Direct Entry Requirements:

- Bachelor's degree Second Class Lower or above (Minimum GPA 2.7) in Building Economics/Quantity Surveying, Civil/Structural Engineering, Architecture, Building Surveying and/or Maintenance, Construction Management, Landscape Architecture, Interior Design, Architectural Technology, Building Science, Building Design studies, Urban Design, Land Management and Valuation, Property and Facilities Management, Real Estates, Environment from any Institution recognized by ARU.

Equivalent Qualifications:

- Postgraduate Diploma in Construction Economics and Management, Building Economics/Quantity Surveying, Civil/Structural Engineering, Architecture, Building Surveying and/or Maintenance, Construction Management, Landscape Architecture, Interior Design, Architectural Technology, Building Science, Building Design studies, Urban Design, Land Management and Valuation, Property and Facilities Management, Real Estates, Environmental Engineering from any Institution recognized by ARU (Minimum GPA 3.5 or an overall grade of at least "B+" in the results of the respective examinations).
- Recommendations from two referees.

Master of Project Management (MPM)

Direct Entry requirements:

- Bachelor's degree Second Class Lower or above (Minimum GPA 2.7) in Building Economics/Quantity Surveying, Civil/Structural Engineering, Architecture, Building Surveying and/or Maintenance, Construction Management, Landscape Architecture, Interior Design, Architectural Technology, Building Science, Building Design studies, Urban Design, Land Management and Valuation, Property and Facilities Management,

Real Estates, Environmental Engineering, Project Planning, Project Monitoring and Evaluation, Public Health and/or Epidemiology, Commerce, Business Administration, Finance and/or Accounting, Marketing, Economics, Economic Planning, Public Administration, Community Development, Geoinformatics, GIS and Remote Sensing, Remote Sensing, Geography, Geography and Environmental Studies, Climate Change Studies, Meteorology, Information System Management, Land Surveying, Geomatics, Geodesy, Geology, Geography, Water Resource Engineering, Environmental Science, Forestry, Navigation, Agricultural Sciences, Mining Engineering, Urban and Rural Planning, Regional Development Planning, Housing and Infrastructure Planning, Zoology, Botany, Animal Sciences, Municipal and Industrial Services Engineering, Engineering studies, Laws, Geophysics, other Degrees from any Institution recognized by ARU.

Equivalent Qualifications:

- Postgraduate Diploma in Building Economics/Quantity Surveying, Civil/Structural Engineering, Architecture, Building Surveying and/or Maintenance, Construction Management, Landscape Architecture, Interior Design, Architecture Technology, Building Science, Building Design studies, Urban Design, Land Management and Valuation, Property and Facilities Management, Real Estates, Environmental Engineering, Project Planning, Project Monitoring and Evaluation, Public Health and/or Epidemiology, Commerce, Business Administration, finance and/or Accounting, Marketing, Economics, Economic Planning, Public Administration, Community Development, Geoinformatics, GIS and Remote Sensing, Remote Sensing, Geography, Geography and Environmental Studies, Climate Change Studies, Meteorology, Information System Management, Land Surveying, Geomatics, Geodesy, Geology, Geography, Water Resource Engineering, Environmental Science, Forestry, Navigation, Agricultural Sciences, Mining Engineering, Urban and Rural Planning, Regional Development Planning, Housing and Infrastructure Planning, Zoology, Botany, Animal Sciences, Municipal and Industrial Services Engineering, Engineering studies, Laws, Geophysics and other degrees from any Institution recognized by ARU (Minimum GPA 3.5 or an overall grade of at least “B+” in the results of the respective examinations).
- Recommendations from two referees.

Doctor of Philosophy in Architecture (PhD Arch)

Entry requirements

- A Masters’ Degree in Architecture from any institution recognized by ARU; other relevant Master’s Degree from any Institution recognized by ARU with a GPA of 3.0 or B grade.
- Master’s degree in any discipline related to built environment such as Interior Design, Landscape Architecture, Civil Engineering, Urban and Regional Planning, Physical Planning, Urban Design, Building Economics and Construction Management from any Institution recognized by ARU.

PhD in Urban Design by Coursework and Dissertation

Entry requirements

- Masters’ Degree in Architecture, Environmental Engineering, Municipal Engineering, Landscape Architecture, Urban Planning and Civil Engineering from any institution recognized by ARU with a GPA of 3.0 or B grade.
- Master’s degree in any discipline related to built environment such as Interior Design, Landscape Architecture, Civil Engineering, Urban and Regional Planning, Physical Planning, Urban Design, Building Economics and Construction Management from any other Institution recognised by ARU.

Doctor of Philosophy in Construction Economics and Management (PhD CEM)

Entry Requirements:

- Master's degree in Construction Economics and Management, Quantity Surveying, Construction Management, Building Economics, Construction Economics, Construction Project Management, Construction Financial studies, Construction Laws and Dispute Resolution, Engineering Management (majoring in construction project Management) from any Institution recognized by ARU with a GPA of 3.0 or a B grade.
- A GPA of 3.0 or B grade in master's degree

Doctor of Philosophy in Construction Management (PhD CM)

Entry Requirements:

- Master's degree in Construction Economics and Management, Quantity Surveying, Construction Management, Building Economics, Construction Economics, Construction Project Management, Construction Financial studies, Construction Laws and Dispute Resolutions, Engineering Management (majoring in construction project Management) from any Institution recognized by ARU with a GPA of 3.0 or a B grade.

B: School of Spatial Planning and Social Sciences

Master of Science in Urban Planning and Management (MSc. UPM) – Full Time

Direct Entry Requirements:

- First or Second-Class Bachelor's Degree in Urban and Regional Planning (URP), Regional Development Planning (RDP) or Housing and Infrastructure Planning (HIP); Environmental Engineering, Environmental Sciences (or Environmental Studies), Civil Engineering in the Built Environment, Geography, Urban Design, Physical Planning, Urban Transport Planning, Economics and Economic Planning or relevant qualifications from any higher learning institution recognized by ARU.

Equivalent qualifications:

- Upper Second Class or above Postgraduate Diploma in Urban and Regional Planning or Architecture or Land Management and Valuation or Environmental Engineering, Environmental Sciences (or Environmental Studies) from relevant Programs of the Schools of ARU, Physical Planning, Urban Design, Urban Transport Planning, Civil Engineering in the Built Environment, Geography or other related programmes from a higher learning institution recognized by ARU.

Other qualifications

- Work experience of at least two years in a relevant field will be an added advantage; Positive recommendations from two referees one from an academic institution where the candidate graduated and one from the practice/employer.

Master of Science in Urban Planning and Management (MSc. UPM) - Evening Programme

Direct Entry requirements:

- First or Second-Class Bachelor's Degree in Urban and Regional Planning (URP), Regional Development Planning (RDP) or Housing and Infrastructure Planning (HIP); Environmental Engineering, Environmental Sciences (or Environmental Studies), Civil Engineering in the Built Environment, Geography, Urban Design, Physical Planning, Urban Transport Planning, Economics and Economic Planning or relevant qualifications from any higher learning institution recognized by ARU.

Equivalent qualifications

- Upper Second Class or above Postgraduate Diploma in Urban and Regional Planning or Architecture or Land Management and Valuation or Environmental Engineering, Environmental Sciences (or Environmental Studies) from relevant Programs of the Schools of ARU, Physical Planning, Urban Design, Urban Transport Planning, Civil Engineering in the Built Environment, Geography or other related programmes from any higher learning institution recognized by ARU

Other qualifications

- Work experience of at least two years in a relevant field will be an added advantage; Positive recommendations from two referees one from an academic institution where the candidate graduated and one from the practice/employer

Master of Science in Urban and Regional Development Planning and Management (MSc. URPM) (By Coursework & Dissertation)**Direct Entry Requirements:**

- First or Second-Class Honors Bachelor's Degree in Urban and Regional Planning or Architecture or Land Management and Valuation or Environmental Engineering or Building Economics or Land Surveying/Geomatics, Geography or Economics or Economic Planning or Public Administration or Business Administration and Postgraduate Diploma of the University of Dar es Salaam or any other higher learning institution recognized by ARU.

Other qualifications

- Experience of at least two years in a relevant field would be an added advantage
- Positive recommendations from two referees
- This programme is currently supported by DAAD. Therefore, Tanzanian candidates aspiring for the DAAD scholarships would have their applications for sponsorship further scrutinized by a joint committee of SPRING partner universities and a DAAD representative or any sponsoring organization/institution as situation emerges.

Master of Transportation Sciences**Direct Entry Requirements:**

- Bachelor's degree (Lower Second Class or above) from a recognized university.

Equivalent qualifications

- Postgraduate Diploma in Urban Planning, Transportation Planning/Engineering, Civil Engineering, Environmental Engineering or equivalent from any higher learning institution recognized by ARU.

Other qualifications

- Working experience of at least two years in a relevant field will be an added advantage.
- Positive recommendations from two referees one from an academic institution where the candidate graduated and one from the practice
- Candidates without sufficient background in transportation planning and management profession may be required to take additional courses offered in the undergraduate programs.
- Doctor of Philosophy in Urban and Regional Planning (PhD URP)

Direct entry requirements

- Master's Degree in the following fields: Urban Planning and Management, Transport/Transportation, Geomatics, Land Management, Real Estate Valuation/Real Estate Economics and Finance, Geographical Information Systems (GIS), Geospatial

Information Systems and Remote Sensing or holder of equivalent Master's Degree from any higher learning institution recognized by ARU with a GPA of 3.0 or a B grade.

Doctor of Philosophy in Urban Planning and Management (Housing and Infrastructure)

Direct Entry requirements

- Master's Degree in the following fields: Urban Planning and Management, Transport/Transportation, Land Management, Real Estate Valuation/Real Estate Economics and Finance, Geographical Information Systems (GIS), Geospatial Information Systems and Remote Sensing or holders of equivalent standing Master's Degree from any higher learning institution recognized by ARU with a GPA of 3.0 or a B grade.

PhD in Urban and Regional Planning (PhD. URP) (By Coursework and dissertation)

Direct Entry requirements

- Master's Degree in the following fields: Urban Planning and Management, Transport/Transportation, Geomatics, Land Management, Real Estate Valuation/Real Estate Economics and Finance, Geographical Information Systems (GIS), Geospatial Information Systems and Remote Sensing or holders of equivalent standing Master's Degree from any higher learning institution recognized by ARU with a GPA of 3.0 or a B grade

Doctor of Philosophy in Economics (PhD Econ)

Entry Qualifications

- Relevant Master's Degree of the Ardhi University or holder of equivalent standing Master's Degree from a recognised University with a GPA of 3.0 or a B grade.

C: School of Earth Sciences, Real Estate, Business and Informatics

Master of Science in Land Administration

Entry Qualifications:

- Entry qualifications will follow Ardhi University criteria as stipulated under the General Guidelines for Postgraduate Programmes. The minimum entry qualifications for admission into the programme is at least a second class (with a GPA of 2.7) grade or above Bachelor's Degree OR for unclassified Bachelor Degree, a candidate must have a B Grade average in the subject of specialization OR an equivalent Upper Second Class of at least a GPA of 4.0 at postgraduate Diploma in; Land Management and Valuation, Law, Urban and Regional Planning, Architecture, Geomatics, Geo-informatics, Land Surveying from a recognized University or Institution of Higher Learning recognized by ARU, OR a pass grade with experience in land administration practice of not less than three years OR a pass grade in Natural resources management, GIS and Remote Sensing, Regional Development Planning as approved by Ardhi University SENATE.

Master of Science in Real Estate Business

Entry Qualifications

- The minimum entry qualifications for admission into the programme is at least a GPA of 2.7 or above at a Bachelor's Degree in Land Management and Valuation, Economics, Real Estate Finance, Finance, Property and Facility Management, Law, Civil Engineering or Commerce from a recognized University or Institution of Higher learning recognized by ARU OR for unclassified Bachelor Degree, a candidate must have a B Grade average in

the subject of specialization OR an Upper Second class of at least a GPA of 4.0 at Post Graduate Diploma in Procurement, Accounting and Finance, Business administration, Housing and infrastructure planning certificate of the Ardhi University or from a recognized University or Institution of higher Learning and approved by the Ardhi University Senate, with a first class grade in Land Management and Valuation, Economics, or Finance.

Masters of Science in Real Estate Economics and Finance

Entry Qualifications

- Entry qualifications will follow Ardhi University criteria as stipulated under the General Guidelines for Postgraduate Programmes. The minimum entry qualifications for admission into the programme is at least a Second Class (with a GPA of 2.7) grade or above Bachelor's Degree in Land Management and Valuation, Economics, Real Estate Finance and Investment and Economics from a recognized University or Institution of Higher Learning recognized by ARU OR for unclassified Bachelor Degree, a candidate must have a B Grade average in the subject of Procurement, Accounting and Finance, Business administration, Housing and infrastructure planning, commerce

OR

- An equivalent Upper Second class of at least a GPA of 4.0 at Postgraduate Diploma in Land Management and Valuation, Economics, Real Estate Finance and Investment and Economics from a recognized University or Institution of Higher Learning OR a pass grade with experience in Land Management and Valuation, Economics, Real Estate Finance and Investment and Economics practice of not less than three years OR a pass grade in Procurement, Accounting and Finance, Business administration, Housing and Infrastructure Planning, Commerce as approved by Ardhi University SENATE.

Masters of Science in Real Estate Valuation

Entry Qualifications

- Entry qualifications will follow Ardhi University criteria as stipulated under the General Guidelines for Postgraduate Programmes. The minimum entry qualifications for admission into the programme is at least a second class (with a GPA of 2.7) grade or above Bachelor's Degree in Land Management and Valuation from Institution of Higher learning recognized by ARU.
- For unclassified Bachelor Degree, a candidate must have a B Grade average in the subject of Real Estate appraisal OR an equivalent Upper Second class of at least a GPA of 4.0 at postgraduate Diploma in Real Estate with specialization in Valuation from a recognized University or any other Institution of Higher Learning and approved by the Ardhi University Senate.

Master of Science in Land Management (MSc. LM) By Thesis

Entry Qualifications

- At least a second upper class (with a GPA of 3.5) grade or above Bachelor's Degree OR for unclassified Bachelor Degree a candidate must have a B+ Grade average in Natural Resources Management, GIS and Remote Sensing, Regional Development Planning

OR

- An equivalent Upper Second class of at least a GPA of 4.0 at postgraduate Diploma in; Land Management and Valuation, Law, Urban and Regional Planning, Architecture, Geomatics, Geo-informatics, Land Surveying from a recognized University or Institution of Higher Learning recognized by ARU, OR a pass grade with experience in Land Administration practice of not less than three years OR a pass grade in Natural Resources

Management, GIS and Remote Sensing, Regional Development Planning as approved by Ardhi University SENATE.

MSc. in Geographical Information Systems and Remote Sensing (MSc. GIS and RS)

Direct Entry Requirements:

- An undergraduate degree in Geoinformatics, GIS and Remote Sensing, Remote Sensing, Geography, Geography and Environmental Studies, Climate Change Studies, Meteorology, Information System Management, Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Geography, Water Resource Engineering, Environmental Engineering, Environmental Science, Forestry, Navigation, Public Health and Epidemiology, Agricultural Sciences, Mining Engineering, Geophysics and other Geosciences degree programmes with at least a Lower Second Class (Overall GPA of 2.7 and above).

Equivalent Qualifications:

- A postgraduate diploma in Geoinformatics, GIS and Remote Sensing, Remote Sensing, Geography, Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Navigation, Mining Engineering, Geophysics and other Geosciences disciplines from a recognized institution with an overall grade of at least “B+” in the results of the respective examinations.

Master of Science in Geographical Information Systems (MSc. GIS)

Direct Entry requirements:

- An undergraduate degree in Geoinformatics, GIS and Remote Sensing, Remote Sensing, Geography, Geography and Environmental Studies, Climate Change Studies, Meteorology, Information System Management, Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Geography, Water Resource Engineering, Environmental Engineering, Environmental Science, Forestry, Navigation, Public Health and Epidemiology, Agricultural Sciences, Mining Engineering, Land management and Valuation, Urban and Rural Planning, Geophysics degree programmes with at least a Lower Second Class (Overall GPA of 2.7 and above).

Equivalent Qualifications:

A postgraduate diploma in:

- Geoinformatics, GIS and Remote Sensing, Geography, Environmental studies, Meteorology, Information System Management, Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Geography, Water Resource Engineering, Environmental Engineering, Environmental Science, Forestry, Navigation, Public Health and Epidemiology, Agricultural Sciences, Mining Engineering, Land management and Valuation, Urban and Rural Planning degree programs, from a recognized institution with an overall grade of at least “B+” in the results of the respective examinations.

Master of Science in Geomatics

Direct Entry Requirements:

- An undergraduate degree in Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Navigation, Mining Engineering, Hydrographic Surveying and Geophysics degree programs with at least a Lower Second Class (Overall GPA of 2.7 and above)

Equivalent Qualifications:

- A Postgraduate Diploma in Land Surveying, Geomatics, Geodesy, Civil Engineering, Geology, Navigation, Mining Engineering, Hydrographic Surveying and Geophysics from a recognized institution with an overall upper second class or overall grade “B+” in the results of the respective examinations

Doctor of Philosophy in Real Estate (By Thesis)

A candidate for admission to the Doctor of Philosophy degree of Ardhi University shall hold the following qualifications:

- Masters’ degree or an equivalent Master’s degree from recognised university.
- Candidates with a First Class or Upper Second class degree, or holders of a distinction or a credit in Real Estate Business, Real Estate Economics and Finance, Real Estate Valuation, Real Estate, Housing, may also be Considered for PhD Registration. Such candidates have to initially register for the master degree and do at least one full year postgraduate training. If they demonstrate outstanding performance, and obtain the authorisation of ARU Senate on the recommendation of the relevant School Board or Institute Board and the Senate Higher Degrees, Research and Publication Committee (SHDRPC), they may upgrade their registration to PhD Candidacy.

Other Requirements

- Certificates obtained from institutions recognized by the Ardhi University Senate;
- A candidate discontinued on academic grounds from a postgraduate programme may be allowed to apply for admission into another programme;
- Such a candidate may be admitted into the same programme after showing evidence that he or she has attended and passed a relevant professional or academic course lasting at least three years after the discontinuation;
- Students discontinued from studies because of examination irregularities will be considered for re-admission after they have been away for three years. They will be required to re-apply and compete with other applicants for re-admission into first year; and upon guarantee of funding.

PhD in Land Administration By Coursework and Dissertation

The proposed PhD by course work targets candidates with Master’s degree in Land administration, Land Management, Geomatics, Real Estate Valuation, Urban Governance and Environmental Management. Entry qualifications will follow Ardhi University criteria as stipulated under the General Guidelines for Postgraduate Programmes.

The requirements are as follows:

A candidate for admission to the PhD in Land Administration of Ardhi University shall hold the following qualifications:

- Masters’ degree from a recognized University in Land administration, Land Management, Geomatics, Real Estate Valuation, Urban Governance and Environmental Management from a recognised university.
- Candidates with a First Class or Upper Second class degree, or holders of a distinction or a credit in the case of unclassified degrees, may also be considered for PhD registration. Such candidates have to initially register for the Masters’ degree and do at least one full year postgraduate training. If they demonstrate outstanding performance, and obtain the authorization of Senate on the recommendation of the relevant School Board or Institute Board and the Senate Higher Degrees, Research and Publication Committee (SHDRPC), they may upgrade their registration to PhD candidacy.

Other Requirements

- Certificates obtained from institutions recognized by the Ardhi University Senate;
- A candidate discontinued on academic grounds from a postgraduate programme may be allowed to apply for admission into another programme;

- Such a candidate may be admitted into the same programme after showing evidence that he or she has attended and passed a relevant professional or academic course lasting at least three years after the discontinuation; and
- Students discontinued from studies because of examination irregularities will be considered for re-admission after they have been away for three years. They will be required to re-apply and compete with other applicants for readmission into the first year upon guarantee of funding.

PhD In Real Estate Economics By Coursework And Dissertation

A candidate for admission to the Doctor of Philosophy degree in Real Estate Economics of Ardhi University shall hold the following qualifications:

- Masters' degree in Real Estate Business, Real Estate Economics and Finance, Real Estate Valuation, Real Estate, Housing from a recognized university.
- Candidates with a First Class or Upper Second class degree, or holders of a distinction or a credit in the case of unclassified degrees, may also be considered for PhD registration. Such candidates have to initially register for the Masters' degree and do at least one full year postgraduate training. If they demonstrate outstanding performance, and obtain the authorization of Senate on the recommendation of the relevant School Board or Institute Board and the Senate Higher Degrees, Research and Publications Committee (SHDRPC), they may upgrade their registration to PhD candidacy.

Other Requirements

- Certificates obtained from institutions recognized by the Ardhi University Senate;
- A candidate discontinued on academic grounds from a postgraduate programme may be allowed to apply for admission into another programme;
- Such a candidate may be admitted into the same programme after showing evidence that he or she has attended and passed a relevant professional or academic course lasting at least three years after the discontinuation; and
- Students discontinued from studies because of examination irregularities will be considered for re-admission after they have been away for three years. They will be required to re-apply and compete with other applicants for re-admission into the first year upon guarantee of funding.

Doctor of Philosophy in Geospatial Science and Technology (PhD. GS)

Direct Entry Requirements:

Master's degree in Geomatics, Land Surveying, Geoinformatics, Geodetic Science, Geographical Information System, Remote Sensing, Geography, Geology, Geophysics, Mining Engineering, Environmental Engineering, Civil Engineering, Information System Management, Computer Science, from any recognized University with a GPA of 3.0 or a B grade.

D: School of Engineering and Environmental Studies

MSc. in Environmental Technology and Management (MSc. ETM)

Direct Entry Requirements:

- At Least A GPA of 3.0 or B+ Grade BSc. Environmental Engineering, BSc. Environmental Science and Management, BSc Municipal and Industrial Services Engineering, BSc. Environmental Laboratory Science and Technology, BSc. Hydraulic Engineering, BSc. Irrigation Engineering, BSc. Water Resources and Transportation Engineering from the Universities or Other Institutions Recognized By Ardhi University

Equivalent Qualifications:

- At Least a GPA of 3.0 or B+ Grade Postgraduate Diploma in Environmental Engineering, Environmental Science and Management, Municipal and Industrial Services Engineering, Environmental Laboratory Science and Technology, Hydraulic Engineering and Irrigation Engineering, Water Resources and Transportation Engineering from Universities or other Institutions Recognized by Ardhi University.

Master of Disaster Risk Management (M.DRM)**Direct Entry Requirements:**

- At Least A GPA of 2.7 or B Grade Bachelor Degree in Engineering, Natural and Physical Sciences, Social Sciences, Psychology, Education, Humanities, Social Works, Community Development, Art and Design, Medical and Health Sciences, Environmental Studies, Business Studies, Geography, Environmental Studies, Climate Change Studies, Meteorology, Geology, Forestry, Agricultural Sciences, Urban and Rural Planning from Universities or Other Institutions Recognized by Ardhi University.

Equivalent Qualifications:

- At Least “B” Grade in the results of the respective examinations. Postgraduate Diploma in Engineering, Natural and Physical Sciences, Social Sciences, Psychology, Education, Humanities, Social Works, Community Development, Art and Design, Medical and Health Sciences, Environmental Studies, Business Studies, Geography, Environmental Studies, Climate Change Studies, Meteorology, Geology, Forestry, Agricultural Sciences, Urban and Rural Planning Engineering, Social Sciences, Psychology, Education, Humanities, Social Works, Art and Design, Medical and Health Sciences, from Universities or other Institutions recognized by Ardhi University.

Doctor of philosophy in Environmental Engineering (PhD EE)**Direct Entry Qualifications**

- At least a GPA of 3.0 or B+ grade MSc. Environmental Technology and Management, MSc. Environmental Engineering, MSc. Environmental Science and Management, Master of Integrated Sanitation Management, Masters in Environmental Science and Engineering, MSc. Renewable Energy, MSc. Environment, MSc Industrial Services engineering, MSc Municipal Services engineering, MSc. Laboratory Science and Technology, MSc. Hydraulic Engineering, MSc. Irrigation engineering, MSc. Water Resources Engineering from universities or other institutions recognized by Ardhi University.

Doctor of philosophy in Environmental Technology and Management (PhD ETM)**Direct Entry Qualifications**

- At least a GPA of 3.0 or B+ grade MSc. Environmental Engineering, MSc. Environmental Science and Management, Master of Integrated Sanitation Management, Masters in Environmental Science and Engineering, MSc. Environmental Technology and Management, MSc. Renewable Energy, MSc. Environment, MSc Industrial Services engineering, MSc Municipal Services engineering, MSc. Environmental Laboratory Science and Technology, MSc. Hydraulic Engineering and MSc. Irrigation Engineering, MSc. Water Resources Engineering from universities or other institutions recognized by Ardhi University.

Doctor of philosophy in Environmental Science and Management (PhD ESM)**Direct Entry Qualifications**

- At least a GPA of 3.0 or B grade Masters in Environmental Science and Engineering, MSc. Environment, MSc. Environmental and Occupational Health, Master of Public Health, Master of Integrated Sanitation Management, MSc. Environmental Technology and Management, MSc. Disaster Risk Management, Master of. Disaster Risk Management,

MSc. Natural Resources Management, MSc. Integrated Water Resources Management, MSc. Climate Change, MSc. Renewable Energy, MSc. Integrated Environmental Management, MSc. Environmental Engineering, MSc. Environmental Science and Management, MSc. Industrial Services engineering, MSc. Municipal Services engineering, MSc. Laboratory Science and Technology, MSc. Hydraulic Engineering, MSc. Water, Environmental Sanitation and Hygiene Management, MSc. Irrigation engineering, MSc. Water Resources Engineering from universities or other institutions recognized by Ardhi University.

Doctor of philosophy in Disaster Management (PhD DM)

Direct Entry Qualifications

- At Least a GPA of 2.7 or B Grade Masters' Degree in Engineering, Natural and Physical Sciences, Social Sciences, Psychology, Education, Humanities, Social Works, Community Development, Art and Design, Medical and Health Sciences, Environmental Studies, Business Studies, Geography, Environmental Studies, Climate Change Studies, Meteorology, Geology, Forestry, Agricultural Sciences, Urban and Rural Planning from Universities or Other Institutions Recognized by Ardhi University.

Doctor of philosophy in Laboratory Science and Technology (PhD LST)

Direct Entry Qualifications

- At least a GPA of 3.0 or B grade MSc. Environmental Technology and Management, MSc. Disaster Risk Management, MSc. Environment, MSc. Environmental Technology and Management, MSc. Environmental Engineering, MSc. Environmental Science and Management, MSc. Municipal and Industrial Services engineering, MSc. Laboratory Science and Technology, MSc. Hydraulic Engineering or MSc. Irrigation engineering, MSc. Water Resources and Transportation Engineering from universities or other institutions recognized by Ardhi University.

E: Institute of Human Settlements Studies

Master of Science in Housing (MSc. Housing)

- Bachelor Degree with a minimum of lower second class (GPA of 2.7) in the fields of; Housing, Urban Planning, Infrastructure Planning, Regional Development Planning, Environmental Planning, Architecture, Interior Design, Environmental Science and Technology, Quantity Survey, Construction Economics, Real Estate, Financing, Investments, Civil Engineering, Infrastructure Engineering, Economics, GIS & Remote Sensing, Disaster Risk Management, or Environmental Science Management.

Master of Science in Public Policy Analysis and Programme Management (MSc. PPAPM)

- **Bachelor Degree with a minimum of lower second class in the fields:** Project Planning, Urban Planning, Housing, Architecture, Infrastructure Planning, Design, Geomatics, Survey, Economics, Engineering, Community Development, Finance, Accounting, Business, Agriculture, Real Estate, Mining, Development Studies, Science, Forestry, Veterinary Medicine, Medicine, Pharmacy, Environment, Disaster Risk Management, Climate Change, Ecology, Rangeland, Mathematics, Fishery, Wildlife Management, Physiology, Physical Science, Social Science, Political Science, Statistics, Food Science and Technology, Education, Communication, Crop Production, Sociology, Computer Science, Commerce, or Marketing.

Master of Science in Urban Governance and Environmental Management (MSc. URGEM)

- **Bachelor Degree with a minimum of lower second class (GPA of 2.7)** offered at any recognized University/Institution in the fields of Urban Planning, Infrastructure

Planning, Environmental Planning, Regional Development Planning, Architecture, Disaster Risk Management, Environmental Science and Technology, Environmental Science Management, Physical Geography, GIS & Remote Sensing, Natural Resource Management, Engineering, Environmental Sciences, or Quantity Survey.

OR

- A postgraduate diploma from a recognized institution with an overall grade of “B+” in the results of the respective final examinations in the above fields.

Doctor of Philosophy in Policy Analysis and Programme Management (PhD. PAPM)

- Master’s Degree from a recognised University.
- **A minimum GPA of 3.0 or B grade in master’s degree in:** Project Planning, Project management, Programme Management, Architecture, Design, Geomatics, Survey, Economics, Engineering, Community Development, Finance, Accounting, Business, Agriculture, Real Estate, Mining, Development Studies, Science, Forestry, Veterinary, Medicine, Pharmacy, Environment, Disaster Risk Management, Climate Change, Ecology, Rangeland, Mathematics, Fishery, Wildlife Management, Physiology, Physical Science, Social Science, Political Science, Statistics, Food Science and Technology, Education, Communication, Crop Production, Sociology, Demography, Urban Geography, Computer science, Commerce, or Marketing.

Doctor of Philosophy in Built Environment Analysis (PhD BEA)

- Master’s Degree from a recognised University.
- A GPA of 3.0 or B grade in master’s degree in: Housing, Architecture, Interior Design, Environmental Science and Technology, Quantity Surveying, Construction Economics and Management, Real Estate, Urban Governance, Urban Planning and management, Infrastructure Planning, Regional Development Planning and Management, Financing, Investments, Civil Engineering, Infrastructure Engineering, Economics, GIS & Remote Sensing, Disaster Risk Management, Climate Change, Environmental Science, Policy Analysis, Programme Management, Demography, Urban Geography, or Development Studies.

Doctor of Philosophy in Climate Change Studies (PhD CCS)

- Master’s Degree from a recognised University.
- A GPA of 3.0 or B grade in master’s degree in: Climate Change, Environmental Science, Urban Planning, Infrastructure Planning, Regional Development Planning, GIS & Remote Sensing, Disaster Risk Management, Architecture, Interior Design, Environmental Science and Technology, Quantity Survey, Construction Economics, Real Estate, Financing, Investments, Civil Engineering, Infrastructure Engineering, Economics, Forestry, Agriculture, Food Security, Demography, or Geography.

Doctor of Philosophy in Development Studies (PhD DS)

- Master’s Degree from a recognised University.
- A GPA of 3.0 or B grade in master’s degree in: Planning, Architecture, Design, Geomatics, Survey, Economics, Engineering, Community Development, Finance, Accounting, Business, Agriculture, Real Estate, Mining, Development Studies, Science, Forestry, Veterinary Medicine, Medicine, Pharmacy, Environment, Disaster Risk Management, Climate Change, Ecology, Rangeland, Mathematics, Fishery, Wildlife Management, Physiology, Social Science, Political Science, Statistics, Food Science and Technology, Education, Communication, Crop Production, Sociology, Computer Science, Commerce, Marketing, Demography, or Urban Geography.

Doctor of Philosophy in Housing and Settlements Studies (PhD HSS)

- Master's Degree from a recognised University.
- A GPA of 3.0 or B grade in master's degree in: Housing, Architecture, Interior Design, Environmental Science and Technology, Quantity Surveying, Construction Economics and Management, Real Estate, Urban Governance, Urban Planning and Management, Infrastructure Planning, Regional Development Planning and Management, Financing, Investments, Civil Engineering, Infrastructure Engineering, Economics, GIS & Remote Sensing, Disaster Risk Management, Climate Change, Environmental Science, Policy Analysis, Programme Management, Demography, Urban Geography, Development Studies.

Doctor of Philosophy in Urban Governance and Environmental Studies (PhD URGES)

- Master's Degree from a recognised University.
- A GPA of 3.0 or B grade in master's degree in: Urban Governance, Urban Planning and Management, Infrastructure Planning, Regional Development Planning and Management, Housing, Architecture, Interior Design, Environmental Science and Technology, Quantity Survey, Construction Economics and Management, Real Estate, Financing, Investments, Civil Engineering, Infrastructure Engineering, Economics, GIS & Remote Sensing, Disaster Risk Management, Climate Change, Environmental Science, Policy Analysis, Demography, Urban Geography, Programme Management.

BURSARIES AND FEES FOR POSTGRADUATE PROGRAMMES

At the beginning of the academic year, all students will be required to produce evidence of sponsorship by the Government or any other organizations, otherwise they will be expected to pay full tuition and University fees for the full first year, by the beginning of the term/semester before they can be permitted to use the University facilities.

All local payments for fees should be made through the Government Electronic Payment Gateway (GePG) after acquiring a control number from the Office of the Bursar.

FEE STRUCTURE FOR POSTGRADUATE PROGRAMMES

Local Students

(i) Direct University Costs (Payable to the University)

	MSc. full time programme 1 st year	MSc. full time programme 6 months	MSc Evening programme 1 st Year	MSc Evening programme 2 nd Year	PhD (First year)	PhD (cont..)
Tuition Fees	1,877,500	2,052,500	1,877,500	2,652,500	2,397,500	3,002,500

(ii) Direct Student Costs (payable to the student per year)

Description	Postgraduate Diploma	Masters by C/work and Dissertation	Masters by Thesis	Ph.D by Coursework & Dissertation	Ph.D by Thesis
Stationery	50,000	100,000	100,000	100,000	100,000
Books	350,000	400,000	400,000	400,000	400,000
Thesis Projection	0	250,000	300,000	400,000	500,000
Independent/Study/ Practical Training/ Research paper/ Teaching Practice for Postgraduate Diploma Students	500,000	0	0	0	0
Stipend	6,000,000	6,000,000	6,000,000	7,200,000	7,200,000
Total	6,900,000	6,750,000	6,800,000	8,100,000	8,200,000

Please note that student stipend is calculated on the basis 500,000/= per month for MSc. and 600,000/= for PhD. This is a minimum living cost and therefore sponsors may raise the allowances.

(iii) Research Funds

Programmes	By Coursework and Dissertation	By Thesis
Masters	3,000,000	5,000,000
Ph.D.	6,000,000	7,000,000

Foreign Students

1. Application Fee

<i>Item</i>	<i>US \$</i>
Application fee for Master's and Postgraduate Diploma candidates	20
Application fee for PhD candidates	30

2. Direct University Costs for Postgraduate Programmes

<i>Programme</i>	<i>First Year</i>	<i>Subsequent Years</i>	
		<i>6 months</i>	<i>12 months</i>
Postgraduate Diploma			US \$ 2,952
Masters by Coursework and dissertation	US \$ 2,950	US \$ 2,874	US \$ 3,877
Masters by Thesis	US \$ 4,352	US \$ 3,523	US \$ 4,527
PhD by Coursework and Dissertation	US \$ 6,452	US \$ 5,327	US \$ 6,827
PhD by Thesis	US \$ 6,452	US \$ 5,327	US \$ 7,327

3. Research Funds

Programmes	By Coursework and Dissertation	By Thesis
Masters	US \$ 3000	US \$ 4000
PhD.	US \$ 6000	US \$ 7000

Short Term and Occasional Students

1. Tuition Fee

Programme	Fee per Course Registered per Semester
	US \$ 150

2. Other University Direct Costs

<i>Description</i>	<i>Proposed Rates (US \$)</i>
Application fee	20
Registration fee	100
Examination fee*	100
Supervision fee**	0
Medical capitation fee**	300
Caution money	100
Student Union	20
Student Identity Card	5
TOTAL	845

* Examination fee US \$ 100 per exam

** Medical capitation fee and Special Faculty Requirements US \$ 30 per months

3. Student Cost for Foreigners

Description	Postgraduate Diploma (US \$)	Masters by Coursework & Dissertation (US \$)	Masters by Thesis (US \$)	PhD by Coursework & Dissertation (US \$)	PhD by Thesis (US \$)
Stationery	100	150	150	150	150
Books	300	400	400	600	600

Description	Postgraduate Diploma (US \$)	Masters by Coursework & Dissertation (US \$)	Masters by Thesis (US \$)	PhD by Coursework & Dissertation (US \$)	PhD by Thesis (US \$)
Thesis Projection	0	300	300	400	500
Independent/Study/ Practical Training/ Research paper/ Teaching Practice for Postgraduate Diploma Students	500	0	0	0	0
Stipend	3,600	3,600	3,600	3,600	3,600
Total	4,500	5,950	7,450	8,750	9,850

Please note that student stipend is calculated on the basis of US \$ 300 per month. This is a minimum living cost and therefore sponsors may raise the allowances.

All fees must be deposited in the ARU, NMB University Agency, Account Number 2081100034 and submit the original pay-in-slip

Appeal Fee for Examinations

TShs.5,000/= per course/decision (For Tanzanian students) USD 20.00 per course/decision (For foreign students)

Fee for a copy of a lost certificate

TShs 30,000/= for a copy

**POSTGRADUATE COURSES OFFERED IN
VARIOUS PROGRAMMES**

SCHOOL OF ARCHITECTURE, CONSTRUCTION ECONOMICS AND MANAGEMENT (SACEM)

Master of Architecture and Management

Year 1 -Semester 1			Year 1 -Semester 2 – Option 3 - Interior Design		
Code	Course Name	Credits	Code	Course Name	Credits
AR 701	Design Studio Project – Critical Architecture Project Analysis	36	ID 703	Design Studio Project-Interior Design	32
AR 721	Architectural Form Design	8	ID 741	Interior Design Materials and Construction	16
AR 731	Application of ICT in Architecture	8	ID 742	Theory and History of Furniture Design and Detailing	12
LM 741	Research Methodology and Proposal Development	12	ID 743	Environment and Building Service Systems for Interior	12
CM 641	Project Management	8			

Year 1 -Semester 2 – Option 1 - Housing			Year 1 -Semester 2 – Option 4 - Landscape Architecture		
Code	Course Name	Credits	Code	Course Name	Credits
AR 704	Design Studio Project-Housing	32	AR 702	Design Studio Project-Landscape Architecture	32
AR 722	Housing Policies and Architecture	12	AR 751	Advanced Landscape Architecture	12
AR723	Architectural Anthropology in Housing	16	AR 752	Landscape Architecture Element and Analysis	16
AR 743	Urban Sociology	12	AR 753	Landscape Management and Environment Impact Assessment	12

Year 1 -Semester 2 – Option 2 - Conservation			Year 1 -Semester 2 – Option 5 - Building Science		
Code	Course Name	Credits	Code	Course Name	Credits
AR 705	Design Studio Project-Conservation	32	BS 704	Design Studio Project-Complex Building Design	32
AR 741	Advanced Urban Design	12	BS 722	Integrated Building Design	16
AR 742	Theory and Elements of Urban Design	16	BS 723	Advanced Environmental Systems	12

AR 724	Architectural Conservation	12		BS 743	Sustainable Building Construction Design	12
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Year 2 -Semester 1

Code	Course Name	Credits
AR 799	Dissertation	60

MSc. in Construction Economics and Management

Year 1 – Semester 1			Year 1 – Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
CM 721	Principles of Construction Economics	16	CM 722	Project Appraisal	16
CM 732	Management of Construction Projects	16	CM 731	Project Procurement	16
CM 733	Project Financial Management	16	LM 741	Research Methodology & Proposal Development	12
CM 734	Risk Management in Construction	12	CM 711	Quantitative Methods	12
CM 735	Regulatory Framework in Construction	12		Elective	

Electives (Year 1 – Semester 2)			Year 2 – Semester 1		
Code	Course Name	Credits	Code	Course Name	Credits
CM 741	Total Quality Management	12	CM 751	Dissertation	60
CM 742	Value Management	12			

Masters of Project Management

Year 1 – Semester 1			Year 1 – Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
PM 711	Human Resource Management	10	PM 715	Project Resources Procurement and Administration	10
PM 712	Project Planning	12	PM 716	Project Risk Management	10
PM 713	Project Environment Analysis	8	PM 721	Project Finance, Cost Estimation and Control	10
PM 714	Project Quality, Health and Safety Management	10	PM 722	Project Impact Appraisal and Evaluation	10

Year 2 – Semester 1			Electives - Year 2 – Semester 1		
Code	Course Name	Credits	Code	Course Name	Credits
LM 761	Research Methodology and Proposal Development	12	PM 731	Project Legal Environment	10
CM 711	Quantitative Methods	12	PM 732	Project Management in Construction	10
PM 717	Project Leadership and Conflict Management Strategies	8			
	Elective	10			

Year 2 – Semester 2

Code	Course Name	Credits
PM 741	Dissertation	60

PhD in Urban Design (Coursework and dissertation)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 811	Theory of Science and Ethics	13	HS 813	Scientific writing and publication	18
HS 812	Research Methodology	13	AR 822	Systems Engineering of the Built Environment	18
AR 821	Advanced Theory and Theories Urban Design	16	AR 823	Urban Design Analysis and Methods	18
AR 832	Theories of Environmental Design	16	HS 815	Communication and Leadership for Development	18
HS 814	Information Search	13			

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
AR 836	Regional Planning and Urban Management	18	UP 841	Urban Climate Change Adaptation	18
LM 833	Land Governance	18	HS 831	Public Policy Analysis and Management	18
AR 831	Green Architecture and Urban Development	18	HS 821	Informality and Land Government	20
	Elective	18		Elective	18

Electives: Year 2 Semester 1			Electives: Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits

AR 833	Advance Project Management	18		AR 833	Advance Project Management	18
AR 841	Advanced Urban Sociology	18		AR 841	Advanced Urban Sociology	18
HS 861	PhD Dissertation I	18		HS 861	PhD Dissertation I	18

<i>Year 3 Semesters 1&2</i>			<i>Year 4 Semesters 1&2</i>		
Code	Course Name	Credits	Code	Course Name	Credits
AR 851	PhD Dissertation I	160	AR 852	PhD Dissertation II	140

SCHOOL OF SPATIAL PLANNING AND SOCIAL SCIENCES (SSPSS)**Master of Science in Urban Planning and Management (Full-Time)**

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 711	Gender in Planning and Empowerment	8	UP 733	Power In Planning	8
HS 712	Public Policy Analysis and Management	8	UP 734	Planning And Practices Evaluation Paper	16
UP 713	Planning Professional Practice	8	UP 741	Project Financing and Investment Appraisal	8
UP 721	Management And Organisation Theories	8	UP 742	Land Economics and Planning	8
UP 722	Advanced Theories of Informal Urbanism	8	LM 741	Research Methodology and Proposal Development	12
UP 723	Urban Planning and Management Theories	8	UP 751	Planning And Design for Resilient Cities	8
UP 731	Planning And Management Information Systems	12		Elective	8
UP 732	Plan Implementation, Monitoring and Evaluation	8			

Electives – Year 1 Semester 2

Code	Course Name	Credits
UP 743	Urban Land Development and Property Market	8
UP 753	Urban Transportation Planning and Management	8

Year 2 Semester 1

Code	Course Name	Credits
UP 762	Dissertation	60

Master of Science in Urban Planning and Management (Part-Time)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 711	Gender in Planning and Empowerment	8	UP 723	Urban Planning and Management Theories	8
HS 712	Public Policy Analysis and Management	8	UP 731	Planning And Management Information Systems	12
UP 713	Planning Professional Practice	8	UP 732	Plan Implementation, Monitoring and Evaluation	8
UP 721	Management and Organisation Theories	8	UP 733	Power In Planning	8

UP 722	Advanced Theories of Informal Urbanism	8	UP 734	Planning And Practices Evaluation Paper	16
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Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 741	Project Financing and Investment Appraisal	8	UP 762	Dissertation	60
UP 742	Land Economics and Planning	8			
LM 741	Research Methodology and Proposal Development	12			
UP 751	Planning And Design for Resilient Cities	8			
	Elective	8			

Electives - Year 2 Semester 1		
Code	Course Name	Credits
UP 752	Land Use and Infrastructure Planning	8
UP 753	Urban Transportation Planning and Management	8

Masters of Science in Urban and Regional Development Planning and Management (Full Time)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Units	Code	Course Name	Units
UP 601	Development Theories and Strategies I	1	UP 612	Regional Settlement Pattern II	0.5
UP 602	Regional Settlement Pattern I	1	UP 613	Social Infrastructure and Demography II	1
UP 603	Social Infrastructure and Demography I	1	UP 604	Ecology and Environmental Planning II	1
UP 604	Ecology and Environmental Planning I	1	UP 615	Financing and Budgeting II	1
UP 605	Financing and Budgeting I	1	UP 616	Promotion of Small Scale Industries II	0.5
UP 606	Promotion of Small Scale Industries I	1	UP 617	Agricultural Development Planning II	1
UP 607	Agricultural Development Planning I	1	UP 618	Transport Planning II	1
UP 608	Transport Planning	1	UP 619	The European Planning System	1
UP 609	Organisation and Management	2	UP 620	Planning Workshop III (Implementation)	2

UP 610	Planning Workshop I (Analysis)	2		UP 621	Final Paper Workshop	1
UP 611	Planning Workshop II (Planning)	2		UP 622	Final Paper (Individual Research)	5
SV 612	Cartography and Aerial Photography	0.5				
SV 613	Microcomputer Workshop	0.5				

Year 2 Semester 1			Electives (One Subject to be Selected) – Year 2 Sem 1		
Code	Course Name	Units	Code	Course Name	Units
UP 791	Urban Planning and Management Theory	2	SV 795	Elective 1: Planning and Management Information Systems	2
UP 792	Urban Planning and Management Studio	5	UP 793	Elective 2: Urban Infrastructure Planning and Management	2
UP 794	Professional Practice	2	UP 797	Elective 3: Urban Housing Development and Management	2
UP 796	Research Methods	2	LM 793	Elective 4: Urban Land Management and Development	2
UP 788	Dissertation I	2	UP 751	Elective 5: Gender Issues in Urban Planning	2
	Elective	2			

Master of Transportation Sciences

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
TS 721	Sustainable Transportation Policy	8	TP 731	Land use and Transport Interactions	8
TS 722	Behavioural Interventions	8	TP 732	Transport Economics	8
TS 723	Transport infrastructure	8	TP 741	Traffic control Systems	8
TS 724	Transport Modelling	8	TP 751	Appraising and evaluation of transportation projects	8
TS 725	Intelligent Solutions in Transportation	8	TP 735	Transport System Analysis and predictions	8
TS 726	Integrated Transportation (Case)	20	TP 736	Transportation Planning and Management (Project)	20

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
TS 731	Internship	36	TS 799	Dissertation	60
LM 741	Research methodology and proposal development	12			
TS 727	Road Safety Audit (Traffic Safety)	12			
Elective	Elective	12			

Electives - Year 2 Semester 1		
Code	Course Name	Credits
TS 728	Transportation innovation challenge	12
TS 729	Road Safety in the South	12

PhD in Urban and Regional Planning

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 811	Theory of Science and Ethics	20	HS 813	Scientific Writing and Publication	10
HS 812	Research Methodology	20	UP 822	Urban Transportation Planning	10
UP 821	Advanced Theories in Planning	20	UP 824	Informal Urbanism	10
			UP 831	Spatial Planning and Economic Development	10
			HS 872	Information Search	20

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 815	Communication and Leadership for Development	20	UP 841	Urban Climate Change Adaptation	10
LM 841	LM 831: Land Economics	20	UP 842	Natural Resource Management and Conflict Resolution	20
	Elective		UP 861	PhD Dissertation I	10
				Elective	

Year 3 - Semester 1&2			Year 4- Semester 1&2		
Code	Course Name	Credits	Code	Course Name	Credits
UP 862	PhD Dissertation II	120	UP 863	PhD Dissertation III	180

Electives – Year 2 Semester 1			Electives – Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 831	Public Policy Analysis	20	UP 823	Spatial Data Infrastructure for Urban Planning	20

UP 823	Spatial Data Infrastructure for Urban Planning	20		UP 825	Post Modern Urbanism	20
UP 825	Post Modern Urbanism	20		UP 835	Financing Urban Development Projects	20
UP 835	Financing Urban Development Projects	20		HS 831	Public Policy Analysis	20

SCHOOL OF EARTH SCIENCES, REAL ESTATE, BUSINESS AND INFORMATICS (SERBI)

Master of Science in Geomatics

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GS701	Geographical Information Systems and Science	12	GM 701	Advanced Estimation & Analysis	16
GM 706	Estimation Theory	8	GM 723	Advanced Positioning	16
GM 708	Numerical methods with Computer Programming	12	GS706	Research Methods in Geospatial Sciences	12
LM 727	Business Management and Ethics	8		Elective 1	10
	Elective 1	10		Elective 2	10
	Elective 2	10			

Electives - Year 1 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GM 705	Electronic and Satellite Surveying	10	GM 711	Cadastral Systems	10
GM 707	Land Surveying and Mapping	10	GM 712	Advanced Engineering Surveying	10
GM 702	Geodesy	10	GM 756	Advanced Mapping Technology	10
			GM 754	Advanced Hydrographic Surveying & Ocean Mapping	10

Year 2 Semester 1

Code	Course Name	Credits
GM799	Dissertation	60

Master of Science in Geographical Information Systems (FULL TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GS711	Spatial Data Analysis and Visualization	12	GS 713	Spatial Data Modelling and Geo-computation	12
GS 717	Remote Sensing	12	GS725	Internet GIS and GeoWeb Technologies	12
GS 702	Spatial Programming	12	GS 715	Spatial Big Data Analytics	12
GS703	Database Systems	12	GS 704	Research Methods and Scientific Reporting	8

LM 723	Business Management and Ethics	10		GS 704	Research Methods and Scientific Reporting	8
	Elective	12			Elective	8

Electives Year 1 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GS751	Decision Support Systems	8	GS 754	Spatiotemporal Analyses and Data Mining	8
GS 752	Spatial Ecology and Natural Resources Management	8	GS755	Applied GIS for Agriculture and Food Security	8
GS753	Health GIS	8	GS756	Applied GIS for Water Resources Management	8
GS712	Spatial Data Quality	8	GS 761	GIS Applications in Transportation and Utility Management	8

Year 2 Semester 1		
Code	Course Name	Credits
GS 799	Dissertation	60

Master of Science in Geographical Information Systems (PART-TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GS711	Spatial Data Analysis and Visualization	12	GS703	Database Systems	12
GS 717	Remote Sensing	12	GS 704	Research Methods and Scientific Reporting	12
GS 702	Spatial Programming	12	GS 713	Spatial Data Modelling and Geocomputation	12
	Elective	8		Elective	8

Electives - Year 1 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GS751	Decision Support Systems	8	GS 754	Spatiotemporal Analyses and Data Mining	8
GS 752	Spatial Ecology and Natural Resources Management	8	GS712	Spatial Data Quality	8
GS753	Health GIS	8	GS756	Applied GIS for Water Resources Management	8

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 723	Business Management and Ethics	12	GS 799	Dissertation	60
GS725	Internet GIS and GeoWeb Technologies	12			
GS 715	Spatial Big Data Analytics	12			
	Elective	8			
Elective- Year 2 Semester 1					
GS 761	GIS Applications in Transportation and Utility Management	8			
GS755	Applied GIS for Agriculture and Food Security	8			

Master of Science in Geographic Information Systems and Remote Sensing (MSc. in GIS & RS)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GR 711	Advanced Geographical Information Systems	12	GR754	Applied GIS and Remote Sensing for Environmental Monitoring	8
GR712	Advanced Remote Sensing	12	GR755	Applied GIS and Remote Sensing for Disaster Risk Assessment and Management	8
GS 702	Spatial Programming	12	GR756	GIS and Remote Sensing Applications in Agriculture and Resources Management	8
GS703	Database Systems	12	GS761	GIS Applications in Transportation and Utility Management	8
LM 723	Business Management and Ethics	10	GS 704	Research Methods and Scientific Reporting	8
	Elective	8		Elective	8

Electives Year 1 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
GR 751	Applied Photogrammetry	8	GR754	Applied GIS and Remote Sensing for Environmental Monitoring	8
GR 753	Applied GIS and Remote Sensing for Urban Environments	8	GR755	Applied GIS and Remote Sensing for Disaster Risk	8

					Assessment and Management	
				GR756	GIS and Remote Sensing Applications in Agriculture and Resources Management	8
				GS761	GIS Applications in Transportation and Utility Management	8

Year 2 Semester 1		
Code	Course Name	Credits
GS 799	Dissertation	60

Master of Science in Land Administration – (By Coursework and Dissertation)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LA 711	Land Administration Infrastructure and GIS	12	LA 712	Data Acquisition and Information Management Systems	12
LA 721	Land Administration I	10	LM 733	Government Finance	8
LA 731	Administrative and Organisational Theories	10	LA 724	Land Administration II	10
LA 722	Land Resources Management	10	LM 741	Research Methodology and Proposal Development	12
LM 727	Business Management and Ethics	8	LA 726	Land Use Planning and Management	8
LA 723	Land Law	10	LA 725	Public Policy Studies	10

Year 2 Semester 1		
Code	Course Name	Credits
LM 742	Dissertation	60

Master of Science in Real Estate Valuation

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
RE714	Advanced Real Estate Market Analysis	10	LM761	Valuation of Specialized Assets	10

LM732	Real Estate Development and Investment Analysis	16		LM762	Business Valuation	12
LM721	Strategic Management in Real Estate	8		LM763	Valuation of Real Estate	8
LM733	Government Finance	8		LM764	Valuation of Natural Resources	8
RE731	Applied Econometrics in Real Estate	8		LM765	Real Property Mass Appraisal	10
LM723	Business Management and Ethics	10		LM741	Research Methodology and Proposal Development	12

Year 2 Semester 1

Code	Course Name	Credits
LM742	Dissertation	60

Master of Science in Real Estate Business

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
RE714	Advanced Real Estate Market Analysis	10	LM711	Application of ICT in Real Estate	8
LM732	Real Estate Development and Investment Analysis	16	LM722	Estate Management and Agency	10
LM733	Government Finance	8	LM734	Urban Economics and Management	10
LM721	Strategic Management in Real Estate	8	LM751	Legal Framework in Real Estate Business	8
LA 722	Land Resources Management	8	LM724	Consumer Behaviour in Real Estate Markets	12
LM723	Business Management and Ethics	10	LM741	Research Methodology and Proposal Development	12

Year 2 Semester 1

Code	Course Name	Credits
LM742	Dissertation	60

Master of Science in Real Estate Economics and Finance

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 711	Application of ICT in Real Estate	12	RE721	Housing Economics and Finance	10

RE712	Commercial Real Estate Investment	12		RE722	Financing Commercial Real Estate Projects	12
RE714	Advanced Real Estate Market Analysis	10		RE723	Financing Development Infrastructure	10
RE715	Property and Infrastructure Development	10		RE713	Financial Markets, Services and Security Analysis	8
LM 711	Application of ICT in Real Estate	8		RE716	Property and Financial Derivatives	8
RE731	Applied Econometrics in Real Estate	8		LM741	Research Methodology and Proposal Development	12

Year 2 Semester 1			
Code	Course Name	Credits	
LM742	Dissertation	60	

Master of Science in Information Systems Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS710	Co-Creation and Project Management	12	IS720	Managing People and Organizations	12
IS711	Information Systems Development and Implementation	12	IS721	Philosophy of Science and Research Methods	12
IS712	Product and Technology Development in Industrial ICT	12	IS723	Information Systems Management and Strategy	12
IS713	Information Systems Security	12	IS724	Enterprise Information Systems and Business Intelligence	12
IS714	Internet and Web GIS Technologies	12		1 Elective	12

Year 2 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
IS799	Dissertation	60	IS722	Principles of Data Science	12
			GS712	Geospatial Data Modelling and Decision Support Systems	12

PhD in Real Estate Economics

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 811	Theory of science and ethics	20	HS 813	Scientific writing and publication	20
HS 812	Research methodology	20	LM 881	Property law	10
RE 871	Real estate valuation and analysis	20	RE 831	Real estate development	20
LM 823	Quantitative method	10	RE 851	Economics, Organization and incentives	10
RE 891	Dissertation	10	RE 891	Dissertation	10
				Elective	20

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 814	Information science	20	RE 841	Facilities management	10
HS 815	Communication and leadership for development	20	RE 854	Contemporary issues in real estate economics	10
RE 852	Housing economics and finance	20	RE 861	Real estate investment and analysis	20
RE 891	Dissertation	10	RE 891	Dissertation	10
	Elective 1	20		Elective 1	20

Year 3 Semester 1&2			Year 4 Semester 1&2		
Code	Course Name	Credits	Code	Course Name	Credits
RE 891	Dissertation	120	RE 891	Dissertation	200

Electives - Semesters 2 to 4		
Code	Course Name	Credits
RE 853	Urban economics	20
RE 855	Game theory in real estate economics	20
RE 843	Action research in housing	20
RE 842	Qualitative method	20
HS 831	Public policy analysis	20

PhD in Land Administration – By coursework and dissertation

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 811	Theory of science and ethics	20	HS 813	Scientific writing and publication	20
HS 812	Research methodology	20	HS 814	Information Search	20
HS 822	Fundamentals of Governance	20	LM 822	Spatial Data Management	10

LM 823	Quantitative Methods	10		LM 851	Financial Development Infrastructure	20
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Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 815	Communication and Leadership for Development	20	HS 871	PhD Dissertation I	10
LM 831	Land Resources Administration	20	LM 821	Vulnerability Analysis	20
	Elective	20	LM 861	Land and Property Rights	20
				Elective	20

Electives - Year 2 Semester 1			Electives - Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
LM 841	Land Economics	20	LM 833	Land Governance	20
HS 831	Public Policy Analysis	20	LM 832	Contemporary Issues in Land Administration	20

Years 3&4		
Code	Course Name	Credits
LM 871	PhD Dissertation	300

SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES (SEES)**Master of Science in Environmental Technology and Management**

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ET 701	Chemodynamics	10	ET 706	Design of Air pollution Control Systems	10
ET 702	Environmental Biotechnology	10	ET 703	Wastewater Treatment Plant Design	15
ET 707	Hazardous Waste Management	10	ET 708	Environmental Systems Management	15
ET 704	Soil and Water Pollution Control and Quality Management	10	ET 709	Research Methodology	10
ET 705	Solid Waste Management and Resource Recovery	10		Elective	10
	Elective	10			

Electives - Year 1 Semester 1			Electives - Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
ET 710	Ecological and Decentralized Sanitation	10	ET 713	Climate Change, Impact, Mitigation and Adaptation	10
ET 711	Renewable and Alternative Energy Technologies	10	ET 714	Toxicology and Risk Assessment	10
ET 712	Environmental Planning, Impact Assessment and Audit	10	DM 701	Introductions to Disaster Risk Management	10

Year 2 Semester 1		
Code	Course Name	Credits
ET 799	Dissertation	60

Master of Disaster Risk Management (FULL_TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DM701	Introduction to Disaster Risk Management	10	DM 705	Disaster Risk Management Tools and Assessment	15
DM711	Climate change and Disaster Risk Management	15	DM721	Introduction to Principles of GIS and Remote sensing	10
DM 702	Disaster Risk Management Phases	15	LM 741	Research Methodology and	12

				Proposal Development	
DM703	Disaster Risk Management Governance	15	DM708	Disaster Risk Management Project II	15
DM704	Disaster Risk Management Project I	15	DM707	Disaster Management Settlement Planning	10
			Elective		10

Electives - Year 1 Semester 2

Code	Course Name	Credits
ET 715	Environmental planning, Impact Assessment and Audit	10
DM 714	Gender, Poverty and Environment in Disaster Risk Management	10

Year 2 Semester 1

Code	Course Name	Credits
DM 799	Dissertation	60

Master of Disaster Risk Management (PART_TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DM701	Introduction to Disaster Risk Management	10	DM 705	Disaster Risk Management Tools and Assessment	15
DM711	Climate change and Disaster Risk Management	15	DM721	Introduction to Principles of GIS and Remote sensing	10
DM 702	Disaster Risk Management Phases	15	DM707	Disaster Management Settlement Planning	10
DM703	Disaster Risk Management Governance	15	DM704	Disaster Risk Management Project I	15

Year 2 Semester 1

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
DM708	Disaster Risk Management Project II	15	DM 799	Dissertation	60
LM 741	Research Methodology and Proposal Development	12			
	Elective	10			

Electives - Year 2 Semester 1

Code	Course Name	Credits
ET 715	Environmental planning, Impact Assessment and Audit	10
DM 714	Gender, Poverty and Environment in Disaster Risk Management	10

Master of Science in Disaster Risk Management (FULL TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Title	Credits	Code	Course Title	Credits
DM709	Theories and Management of Risk and Crisis	10	DP 707	Hazard modelling in Disaster Risk Management	10
DM 711	Climate change and Disaster Risk Management	15	DP 722	Applied GIS and Remote Sensing for Disaster Risk Assessment and Management	10
DM 712	Emergency Planning Management	15	LM 741	Research Methodology and Proposal Development	10
DM703	Disaster Risk Management Governance	15	DP 731	Disaster -Time Occupational Health and Safety	10
DM713	Pre-disaster risk Management project	15	DP 709	Post-disaster Risk Management Project	10
			DM 708	Rainfall-runoff processes in Disaster Risk Management	10
				ELECTIVE	10

Year 2 Semester 1

Code	Course Title	Credits
DM 742	Dissertation	60

Electives

Code	Course Title	Credits
DM 707	Disaster Management Settlement Planning	10
ET 715	Environmental planning, Impact Assessment and Audit	10
ET 722	Toxicology and Risk Assessment	10
DP 723	Advanced Hazard Modeling and Assessment	10
DM 714	Gender, Equity, Inclusivity and Environment	10

Master of Science in Disaster Risk Management (PART – TIME)

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Title	Credits	Code	Course Title	Credits
DM709	Theories and Management of Risk and Crisis	10	DM713	Pre-disaster risk Management project	15
DM 711	Climate change and Disaster Risk Management	15	DP 707	Hazard modelling in Disaster Risk Management	10
DM 712	Emergency Planning Management	15	DP 722	Applied GIS and Remote Sensing for Disaster Risk Assessment and Management	10
DM703	Disaster Risk Management Governance	15	DP 731	Disaster -Time Occupational Health and Safety	10

Year 2 Semester 1			Year 2 Semester 2		
<i>Code</i>	<i>Course Title</i>	<i>Credits</i>	<i>Code</i>	<i>Course Title</i>	<i>Credits</i>
DP 709	Post-disaster Risk Management Project	10	DM 742	Dissertation	60
LM 741	Research Methodology and Proposal Development	10			
DM 708	Rainfall-runoff processes in Disaster Risk Management	10			
	ELECTIVE	10			

Electives

Year 2 Semester 1		
<i>Code</i>	<i>Course Title</i>	<i>Credits</i>
DM 707	Disaster Management Settlement Planning	10
ET 715	Environmental planning, Impact Assessment and Audit	10
ET 722	Toxicology and Risk Assessment	10
DP 723	Advanced Hazard Modeling and Assessment	10
DM 714	Gender, Equity, Inclusivity and Environment	10

Institute of Human Settlements Studies (IHSS)

Master of Science in Public Policy Analysis and Programme Management

Year 1 Semester 1			Year 1 Semester 2		
<i>Code</i>	<i>Course Name</i>	<i>Credits</i>	<i>Code</i>	<i>Course Name</i>	<i>Credits</i>
PA 716	Development Theories and Public Policy Analysis	10	PA 742	Programme Appraisal and Risk Management	10
PA 717	Urban governance, informality and development	10	PA 724	Public Policy in Practice	10
PA 718	Decentralization and Institutional Development	10	PA 756	Public Finance, Government Budgeting	10
PA 723	Public Policy	10	PA 772	Ethics, Research Communication and Public Policy	10
LM 722	Research Methodology	10	PA 764	Gender, Poverty and Environmental Governance	10
PA 754	Economic and Financial Analysis for Public Policy	10	HF 788	Dissertation I	10
PA732	ICT, Data Analysis and Development	20		Elective 1	10
				Elective 2	10

Electives - Year 1 Semester 2

<i>Code</i>	<i>Course Name</i>	<i>Credits</i>
PA 744	Leadership, Governance and Public Policy	10
PA 719	Socio-Political Economy for Public Policy	10

UG 744	Environmental Economics	10
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Year 2 Semester 1		
Code	Course Name	Credits
HF 789	Dissertation II	60

Master of Science in Housing

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HF 711	Housing Theories, Principles and Programmes	10	HF 771	Research Methods in Housing	10
HF 712	Theories in Finance	10	HF 751	Housing and Infrastructure Planning and Management	10
HF 713	Housing Development and Management in Practice	20	HF 722	Professional Practice and Ethics in Housing	10
HF714	Housing Economics and Livelihoods	10	HF 721	Legal and Institutional Framework in Housing	10
HF715	Housing Finance and Mortgaging	10	HF 788	Dissertation 1- Developing MSc Research Proposal	10
HF731	Application of Information and Communication Technology (ICT)	20		Elective 1	10

Electives - Year 1 Semester 2		
Code	Course Name	Credits
PA 723	Public Policy	10
PA 743	Programme Development and Management in Housing	10
HF 753	Housing Heritage, Conservation and Regeneration	10
HF 761	Gender, Climate Change and Housing	10

Year 2 Semester 1		
Code	Course Name	Credits
HF 789	MSc Dissertation II	60

Master of Science in Urban Governance and Environmental Management

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
UG 710	Urban Governance Theories, Concepts and Strategies	10	UG 744	Urban Ecology and Environmental Management	10
UG 733	Urban Governance and Public Finance	10	UG 729	Environmental Economics	10

UG 718	Decentralization and Institutional Development	10		UG 764	Human Settlements Infrastructure Development and Management	10
UG 720	Climate Change and Disaster Risk Management	10		UG 728	Gender, Poverty and Environmental Governance	10
UG 758	Remote Sensing and GIS for Urban Governance and Environmental Management	20		HF 788	Dissertation I	10
UG 740	Communication Skills for Leadership	10			Elective	20
LM 722	Research Methodology	10				

Electives - Year 1 Semester 2

Code	Course Name	Credits
UG 726	Sustainable Energy Production and Utilization	20
LM 721	Land Governance	20
ET 715	Environmental Planning, Impact Assessment and Audit	20

Year 2 Semester 1

Code	Course Name	Credits
HF 789	Dissertation II	60

PhD in Urban Governance and Environmental Studies

Year 1 Semester 1			Year 1 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 811	Theory of Science and Ethics	20	HS 821	Informality and Urban Governance	20
HS 812	Research Methodology	20	HS 813	Scientific Writing and Publication	20
HS 822	Fundamentals of Governance	20	HS 814	Information Search	20

Year 2 Semester 1			Year 2 Semester 2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 815	Communication and Leadership for Development	20	HS 843	Environmental Economics and Environmental Impact Assessment	10
HS 851	Programme Planning, Development and Management	10	HS 842	Public Infrastructure Services Provision and Management	20
HS 841	Ecosystem Services and Management	10	HS 871	PhD Dissertation I	10
	1 Elective	20		1 Elective	20

Electives - Year 2 Semester 1&2		
Code	Course Name	Credits
HS 861	Gender, Development and Environmental Governance	20
HS 844	Climate Change and Disaster Risk Management	20
LM 833	Land Governance	20
HS 831	Public Policy Analysis	20

Year 3 – Semesters 1&2			Year 4 – Semesters 1&2		
Code	Course Name	Credits	Code	Course Name	Credits
HS 872	PhD Dissertation II	120	HS 873	PhD Dissertation III	180

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S.M.M. Sabai; BSc. Eng., MSc. (UDSM), PhD (Eindhoven)

Chief Internal Auditor

B.V. Tesha; Postgraduate Diploma in Accountancy (IAA); Advanced Diploma in Accountancy (TIA); Certified Public Accountancy – CPA (NBAA)

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F.J. Mokiwa; CSP(T) (2003), PSPTB; MSc PSCM (Mzumbe), Registered Authorized Procurement and Supplies Professional.

Assistant to the Vice Chancellor

O. Maboko; Bachelor Political Science and Public Administration (International Relations (UDSM); Masters of Business Administration - Human Resources Management (TUDARCO); Masters of Economic Diplomacy (Mediterranean Academy of Diplomatic Studies-MEDAC) Malta; PGD - Management for Foreign Relations (Centre for Foreign Relations).

Principal Public Relations Officer

C. A. Kilinda; Masters of Business Administration (The Eastern and Southern African Management Institute - ESAMI); Bachelor of Arts in Mass Communication (St. Augustine University of Tanzania - SAUT).

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Senior Lecturer and Director of Postgraduate Studies, Research and Publications

Y. Senkondo; BSc. Agriculture SUA, MSc. Soil Scie. & Land Mgt (SUA), MSc. Physical Land Resources (Management) (Gent), PhD (Gent)

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R. John; BSc. URP, MBA (UDSM), PhD (ARU), Registered Town Planner

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E.T. Mwangomango; Adv. Dipl. Labour Studies (ISW), MPA-HRM (MU)

Senior Lecturer and Director, Consultancy Bureau Directorate

E. Mchome; BSc. URP, MSc. UPM (UDSM), PhD (UDSM), Registered Town Planner

Senior Lecturer and Director, Institute of Human Settlements Studies (IHSS)

D. P. Shayo; B.A with (Ed) UDSM, M.A (PS&PA) UDSM, PhD Political Science (Westfälische Wilhelms -Universität Muenster, Germany).

Librarian and Acting Director, Library Services

E.E. Silayo; Cert. Educ., Dip. Ed. (Marangu T.C.), Special Cert. Music Ed. (Butimba T.C.) B.A. Fine and Performing Arts (UDSM), M.A. Information Studies (UDSM), PhD (UDSM)

Senior Lecturer and Manager, Publishing Center

F. B. Magina; BSc. URP (UDSM), MSc Housing (ARU), PhD (Dortmund), Reg. Town Planner

Senior Research Fellow and Acting Managing Director, Ardhi Built Environment Consulting Company Limited (ABECC)

I. Mtani; B. Arch. (UDSM), MSc. Eng. Mngt (MEM) (UDSM), PhD (TU Dortmund)

Senior Research Fellow and Acting Director, Institute of Building Research (IBR)

J. Kihila; BSc. Env. Eng., MSc. Env. Techn. & Management (UDSM), PhD (NMIST-Arusha)

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Senior Lecturer and Director of Planning and Investments

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Senior Lecturer and Director, Diversity Management

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N.A Arbogast, BArch (ARU), MSc. BUDD (UCL, UK), Reg. Arch. (AQRB), MAAT

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 J. J. Temu, BSc. BE (ARU), MSc. CEM (ARU), Reg. QS(T)
 K. Ahmed, BSc. BE (ARU), MSc. CEM (ARU), Reg. QS(T)

Tutorial Assistants

*A.K. Josephat, BSc. BE (ARU)
 *R.Ulotu, BSc. BE (ARU), Reg. QS(T)
 K. Ntiyakunze, BSc. QS (UDSM), MSc. CEM (ARU)
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* On Masters studies

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Department of Urban and Regional Planning

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T. S. Mwankenja, BSc. URP, MBA (UDSM), PhD (GadjahMada-Yogyakarta)

Associate Professors

J.M. Lupala, Adv. Dipl. URP (ARI), PGD Housing (Rotterdam), M. Arch (Leuven), PhD Spatial Planning (KTH), MTPA, Reg. Town Planner.

A.H. Namangaya, BSc. URP (UDSM), MSc. URPM (Dortmund), PhD (Dortmund), Reg. Town Planner

M. Mdemu, BSc. Agric. Eng, MSc. Agric. Eng. (SUA), PhD (University of Bonn).

Senior Lecturers

E. Mchome, BSc. URP, MSc. UPM (UDSM), PhD (UDSM), Reg. Town Planner

Y. Senkondo BSc. Agriculture SUA, MSc. Soil Scie. & Land Mgt (SUA), MSc. Physical Land Resources (Management) (Gent), PhD (Gent)

N. Babere, BSc. URP (UDSM), MSc. UPM (UDSM), PhD (New Castle), Reg. Town Planner

D.M. Mushi, BSc. URP (UDSM), MSc. URPM (Dortmund), PhD (ARU), Reg. Town Planner

F. B. Magina, BSc. URP (UDSM), MSc Housing (ARU), PhD (Dortmund), Reg. Town Planner

F. Wambura, BSc Civil & Water Res. Eng., MSc (UDSM), PhD Hydrology (University of Potsdam)

T. S. Mwankenja, BSc. URP, MBA (UDSM), PhD (GadjahMada-Yogyakarta)

G.W. Kazaura, BSc. URP, MSc. UPM (UDSM) PhD (UDSM)

R. John, BSc. URP, MBA (UDSM), PhD (ARU), Registered Town Planner

J.M. Lukenangula, Dipl. Carto. (ARI Tabora), BSc. URP (UDSM), MSc. UPM (ARU), PhD (TU-Dortmund)

Lecturers

V.M. Mwakalinga, BSc. URP, MSc. UPM (UDSM), PhD (Wits University - South Africa)

P.S. Butungo, BSc. URP (ARU), MSc. UPM (ARU), PHD (SLU Sweden)

M.C. Seng'noi, BSc. URP (ARU), MSc UPM (ARU) PHD (SLU Sweden)

F.E. Kemwita, B. Arch (ARU), M.Arch (ARU), PhD. BEA ARU); Registered Architect

Assistant Lecturers

A. Kabange, BSc. URP (UDSM), MSc. URPM (Dortmund)

**H. Mlula, BSc. URP (UDSM), M Arch. (Leuven).

**P. Nayingo, B. Arch. (UDSM), M. Arch (KU-Leuven), Registered Architect

**E.R. Mulongo, M. Fin & Accounting in Oil and Gas (UDSM)

**J.S. Kimaro, BSc. HIP (ARU), MSc. RDP (TU Dortmund)

D.E. Mbosha, B. ARCH (ARU), M. ARCH (ARU)

**S.D. Rutatora, BSc. URP (ARU), MSc. GIS (UDSM)

**R.H. Matingas, BSc RDP (ARU) , MSc. NARAM (UDSM)

**H.J. Mvungi, BSc. URP (ARU). MSc. GIS (UDSM)

A.R. Kimaro, BSc HIP (ARU) M. Transportation Sciences-Traffic Safety (Hasselt University & ARU)

Tutorial Assistants

B.S. Ernest, BSc CE (ARU)

R.N. Sendama, BSc. RDP (ARU)

S.K. Juma, BSc GM (ARU) MSc. GIS (UDSM)

G.A. Mwakibete, BSc HIP (ARU)

C.Z. Njele, BSc. HIP (ARU)
 J.G Ndanzi, BSc. URP (ARU)
 Y.I Samweli BSc. RDP (ARU)
 H.E. Mombela, BSc. URP (ARU)
 M. M. Mshana, BSc. URP (ARU)
 Y. S. Bagambilana, B.A CDS (ARU)

Department of Economics and Social Studies

Senior Lecturer and Head of Department

A. G. Rwela, Dip (Ed) - Kasulu TTC, BA (Community Economic Development) – SUA, MA (Cooperative and Community Development) – SUA, PhD (Agricultural and Rural Innovations Systems) – SUA

Senior Lecturers

L. Kisoly, B.A. (Econ.), MA Economics (UDSM), PhD in Development Economics (Gottfried Wilhelm Leibniz University of Hannover, Germany). INFORMATION
 D. P. Shayo, B.A with (Ed) UDSM, M.A (PS&PA) UDSM, PhD Political Science (Westfälische Wilhelms-Universität Muenster, Germany),
 A. G. Rwela, Dip (Ed) - Kasulu TTC, BA (Community Economic Development) – SUA, MA (Cooperative and Community Development) – SUA, PhD (Agricultural and Rural Innovations Systems) – SUA
 M.S. Muhoja, B.A Sociology (UDSM), MA Sociology (SAUT), LLB (OUT), PhD in Anthropology (University of Dar es Salaam in collaboration with Freie Universität Berlin and School of Oriental and African Studies of the University of London).

Lecturers

** T. Francis, B.A Rural Dev. (SUA), M.A Demography (UDSM)
 **J.J. Chumbula, BSc Rural Development (SUA), MA Rural Development (SUA).
 C.P. Ngassa, B.A Econ (UDSM), M.A Econ (UDSM) PhD in Economics.

Assistant Lectures

**D. Temu, B.A. (Econ.), PGD Poverty Analysis (ISS, the Netherlands), M.A Econ. (UDSM)
 **C. Malisa, BA Econ. (UDSM), MA Econ. (UDSM)
 **H. Machimu, B.A Econ. (SAUT), MSc Econ. (MOI-Kenya)
 R. Chetto, B.A in Rural Development (SUA), M.A Publ. Policy & Adm. (Botswana)
 **A.B. Tweve, M.A Rural Development (SUA)
 **B. Akida, B.A Sociology (UDOM), M.A Sociology (UDSM) M.A Dev't Studies (UDOM)
 **N. A. Ochieng, BSc Econ (MU), M.A Economics (UDSM)
 **G.G. Shayo, B.A Econ (UDSM), M.A Econ (UDSM)
 H.S. Kabanda, B.A Econ (ARU), M.A Econ (UDSM)
 **E.D. Samwel, BSc. Econ & Fin (University of Iringa), M.A Econ (UDSM)
 **C. Shomari, B.CED (Moshi Co-operative University), M.A Co-operative & Community Development (Moshi Co-operative University)
 **G.L. Moshi, B.A Community & Dev't Studies (ARU), MSc. Public Policy Analysis and Programme management (ARU)
 F.I. Norman, B.A Econ (ARU) M.A Economics (UDSM)
 J.E. Kessy, B.A Econ (ARU), M.A Economics (UDSM)
 J. S. Bagenda, B.A CDS (ARU), MSc. African & International Development (University of Edinburgh)
 **A.S. Kitta, B.A CDS (ARU) M.A Economics (UDSM)
 B.B. Macha, B.A Community & Dev't Studies (ARU) M.A Gender Studies (UDSM)
 I.O. Kilomo, B.A Econ. & Statistic (UDSM) M.A Economics (UDSM)
 **J.T. Mosses B.A Community Development Studies (UDSM) M.A Community Development Studies (UDSM).

Tutorial Assistants

A.A. Rweyemamu, B.A Econ (ARU)

F.M. Nyeriga B.A Community & Dev't Studies (ARU)

J.T. Mosses B.A Community Development Studies (UDSM)

*G. B. Kombe, B.A Economics (ARU)

V. J. Kasindi, B.A Sociology (UDSM)

E. P. Lwamayanga, BSc. ISM (ARU)

*B.J. Mturi, B.A Economics (UDSM)

Key:

** On PhD studies

* On Masters studies

**SCHOOL OF EARTH SCIENCES, REAL ESTATE, BUSINESS AND INFORMATICS
(SERBI)**

Senior Lecturer and Dean

S. M. Kongela, BSc. LMV (UDSM), MBA. Finance (UDSM), PhD (Regensburg, Germany), FRV (T)

Department of Land Management and Valuation

Senior Lecturer and Head of Department

E. Makupa, BSc. LMV (UDSM), MSc. RE (ARU), PhD Natural Res. Assess. & Mgt (UDSM), FRV(T)

Professor

C. Lucian, BSc. Eng. (UDSM), M.Civ. Eng. (Hannover), PhD. (KTH)

Senior Lecturer

S. S. Alananga, B.A. Economics (UDSM), PGD Law (OUT), MSc. GIS (Utwente, NED), MSc. Economics (OUT), PhD (ARU)

Lecturers

M. Banyani, BSc. LMV (UDSM), MSc. LM. (UDSM), PhD PhD PFM(Hong Kong Polytechnic University) FRV(T)

K. Moyo, BSc. LMV (UDSM), MSc. LM. (UDSM), PhD (KTH) FRV(T)

D.R. Mndeme, BSc. LMV (UDSM), MSc. RE (ARU), PhD Natural Res. Assess. & Mgt (UDSM)

***U. Matotola, BSc. LMV (UDSM), MSc. RE (ARU), PhD Natural Res. Assess. & Mgt (UDSM) FRV(T)

J. Urassa, B.A. Soc. (UDSM), M.A. Soc. (UDSM), PhD. (KTH)

S. Nkini, B. Arch (UDSM), MSc REA (Nottingham); PhD. Arch (ARU & Hasselt)

J.M. Mselle, BSc. BE (ARU), MSc. Constr. Mgmt (Reading); PhD. CEM (ARU)

E. Millanzi, BSc. LMV (ARU), MSc RE (ARU)

H. Kayera, BSc. LMV (UDSM), MSc LM (KTH)

J. Muna, BA. Ed (MUM), MSc (UK)N.S. Kilume, BSc. BE (UDSM), MEM (UDSM)

Assistant Lecturers

**J.K. Masakija, BED Arts (UDSM), M.A. DS (UDSM)

**R. Shaidi, BA. Ed (SAUT), MSc (UDSM)

**K. Mwiga, BSc. Arch (UDSM), BSc. Comp Sc. (OUT), MSc Comp. Sc. (UK)

D.M. Nyamaka, LLB (Ruaha Catholic), PGD Law (Law School), LLM (SAUTI)

N. Mushi, BSc. PFM (ARU), MSc. Engineering Mgmt, (UDSM)

**M. Lorden BSc LMV (ARU) MSc RE (ARU), MA M&E (OUT)

W. Mfilinge. BSc LMV (ARU), MSc RE (ARU), F.R.T.T (NACTE), FRV-VRB

L.E. Mwassa, BSc LMV(ARU), MSc. RE (ARU)

L.S. Kamote, BSc PFM (ARU), MSc. REB (ARU)

D. K. Muzahula, LLB (SAUT), LLM in Economic Laws (SAUT), PGDLP (LST)

Tutorial Assistants

*P.G Laguna, BSc PFM (ARU)

*D.E.Mrina, BSc PFM (ARU)

*R.Kapara BSc PFM (ARU)

*B. Mgowozi, BSc. LMV (ARU)

*S. J. Sengeka, BSc. LMV (ARU)

*Idd Issa Ally, BSc. LMV (ARU)

Department of Business Studies

Lecturer and Head of Department

M. Kibelloh, BA in International Business (Shiller, UK) & B.CA in BMS (India), MBA BMIS (Schiller, UK), PhD (HUST, China)

Senior Lecturers

A. N. Mwasumbi, Adv. Dipl. LMV (ARI), MSc. Real Estate (Reading, UK), M. Comm (Sydney, AUS), PhD (Waterloo, CA), F.R.S. (T), FTIVEA
 G. Munisi, B. Com (UDSM), MBA. General Management (Sheffield- UK), PhD (Agder - Norway), CPA (T)
 S. M. Kongela, BSc. LMV (UDSM), MBA. Finance (UDSM), PhD (Regensburg, Germany)
 V. Mushi, Adv. Dipl. LMV (ARI), MSc. Fin (Strathclyde, UK), PhD (Reading, UK)

Lecturers

J. Z. Massele, BA. in International Business (Strathclyde), MSc. Finance (Strathclyde), PhD Enterprise Management (Wuhan, China)
 R. N. Mnongya, B.A. Economics (SAUT), M.A. Economics (University of Nairobi, Kenya), PhD. Applied Econs, (CUEB, Beijing-China)
 F. Nyanda, BSc. REFI (ARU), MSc LM (ARU), PhD Real Estate Economics (ARU, KTH - Sweden)

Assistant Lecturers

U. M, Kadikosi, B. Com Accounting (UDSM), BBA. International Trade, MSc Bus. Adm (China), CFA (USA)
 **M. L. Gama, BAF (Mzumbe), MSc R.E. (ARU), CPA (T)
 **H. N. Igangula, Diploma-IPsAs (NBAA), BAF (MoCU), M. Fin & Acc. in Gas & Oil (UDSM), CPA (T), CFIP (IICFIP, USA), ADIT (CIOT-UK-IP)
 M. D. Bega, BSc. REFI (ARU), Master of Entrepreneurship and Enterprise Development (UDSM), PGC. Housing Economics (KTH)
 E. E. Malisa, BSc REFI (ARU), MSc. Land Management (ARU)
 S. E. Ifuja, BSc A & F (ARU), MBA. Corp. Management (Mzumbe), CPB (T)
 **K. H. Nzowa, B. Com (Fin) (UDSM), M. Fin & Acc. in Gas & Oil (UDSM), CPA (T)
 **E. Mulogo, Diploma, Adv. Fin. Accounting (Bangalore), B. Com Accounting (Bangalore), M. Fin & Acc. in Gas & Oil (UDSM), CPA (T)
 **L. Baltazar, B. Com. Fin, (UDSM), MBA (UDSM), CPA (T)
 **R.A. Rashid, BA Mon. Econs & Banking (Université Mouloud Mammeri de Tizi-Ouzou, Algeria), ME Mon. Econs & Banking (Université Mouloud Mammeri de Tizi-Ouzou, Algeria)
 G. H. Shirima, B. Com. Fin, (UDSM), MBA (BNU-China), CPB (T)

Tutorial Assistant

*A. G. Kasumba, BBA Accounting & Finance (SAUT), CPA (T)
 *K. Hashim, BAF (Mzumbe), CPB (T)
 *T. S. Mbedule, B. Com Banking and Fin Serv. (UDSM), CPB (T)
 *J. F. John, B. Com Banking and Fin Serv. (UDSM), CPB (T)
 *D. M. Mushi BBA Banking and Finance (SUZA)
 *D. F. Rambau BBA Banking and Finance (KIUT), Masters Accounting & Finance (IAA)

Department of Geospatial Sciences and Technology

Senior Lecturer and Head of Department

B. Deus, BSc. Gm (UDSM), MSc. Gm (ARU), PhD (Germany), F.R.S (T)

Associate Professor

E. J. Liwa, Advanced Dipl. L.S. (ARI), M. App. Sci. (Glasgow), F.R.S. (T), FIST, PhD Oceanography and Coastal Sciences (Louisiana State University USA)

Senior Lectures

D. Deus, BSc. Gm (UDSM), MSc. Gm (ARU), PhD (Germany), F.R.S (T)
 Z. Ngereja, BSc. LS (UDSM), MEng. Management (UDSM), MSc. Geos Tech (Germany, Spain, Portugal), PhD (ARU), F.R.S (T)

Lecturers

B. Christopher, BSc. Gm (UDSM), MSc. Gm (ARU), PhD (Norway), F.R.S. (T), F. MIST (T)
 E. Saria, BSc. Gm (UDSM), MSc. Geodesy (ARU), PhD (Pardue), F.R.S (T)
 A.W. Komba, BSc. Gi (ARU), MSc. ESD (Hokkaido University), PhD (Hokkaido University)
 A.D. Msusa, BSc. Gi (ARU), MSc. Gm (ARU), PhD (University of Tsukuba, Japan)
 J. W. Hayola, BSc. Gm (UDSM), PGD. Gi (ITC, The Netherlands), MSc. Gm (ARU), PhD (ARU), F.R.S. (T)

Assistant Lecturers

**B. Mchila, BSc. Gm (UDSM), MSc. Geodesy (Ethiopia)
 **E.G. Ngailo, BSc. Gm (UDSM), MSc. GM (ARU), F.R.S (T)
 **L.R. Litwe, BSc. Gi (ARU), MSc Gm (ARU)
 **R.V. Peter, BSc. Gm (ARU), MSc. Gm (ARU)
 **V.M Ayubu, BSc. Gm (ARU), MSc Gi (University of Seol, South Korea)
 **D.J. Kataraihya, BSc. Gm (ARU), MSc. Hydrography and Oceanography (Universita di Genova, Italy IHO Cat A training)
 **B.A. Kaijage, BSc. Gm (ARU), MSc. Geoinformation Science and Earth Observation (University of Twente -Netherland)
 M.K. Joseph, BSc. GM (ARU), MSc. Gm (ARU)
 H.B. Mwangupili, BSc. GM (ARU)
 M.S. Mavura, BSc. Gi (UDOM)
 T.S. Joseph, BSc. Gm (ARU)
 N.D. Masungulwa, BSc. Gm (UDSM), MSc Gm (ARU), PhD (Virginia Tech)

Tutorial Assistants

*A.G. Aman, BSc. Gm (ARU)
 *E.J. Wangabo, BSc. Gi (ARU)
 *J.J. Mbembela, BSc. Gm (ARU)
 *A.A. Rashid, Bsc. Software Eng.(UDOM)

Department of Computer Systems and Mathematics**Lecturer and Head of Department**

G.W. Luwemba, BSc. Telecomm. Eng.(UDSM), MSc. Telecomm. Eng. (UDSM), PhD (UDSM), PEng(T), PICT(T)

Lecturers

E.D. Likotiko, BSc. ISM (ARU), MSc. Information Communication Science & Engineering (NM-AIST) PhD (NAIST)
A. Omar, BSc. Ed. (Zanzibar), MSc (UDSM), PhD (NM-AIST)
A. G. Lambura, BSc. Ed (UDSM), MSc. Mathematical Modelling (UDSM), PhD (NM-AIST)
W.F. Mwigilwa, BSc. Ed. (UDSM), MSc Mathematical Modelling (UDSM) PhD (PAUST-JKUAT)
G.T. Marandu, BSc. Comp. Sc. (UDSM), MSc. Info. Systems Mgt (Greenwich, UK), PhD (ARU)

Assistant Lecturers

**K.T. Njuu, BSc. Computer Sci. (UDSM), MSc. Computer Networks (NM-AIST)
 **F.E. Malugu, BSc ISM (ARU), MTech Comp. Net. Info. Security (JNTUH, India)
 **H.H. Kabalika BSc. Ed. (Maths), MSc. Math. Science (UDSM)
 **A.H. Athumani, MSc. Comp. Applications
 S. S. Kamali, BSc. (Ed) (SUA), MSc. Mathematical Sciences (AIMS-GHANA)

A. E. Moreka, BSc. (Mathematics) (UDOM) MSc. Pure Mathematics (UDSM)
D. O. Mwalongo, BSc. Computer Science Eng. MSc. Info. and Comm Eng. (USTB-China)

Tutorial Assistants

**B.A. Chengula, BSc. ISM (ARU)*

**C.S. Massawe, BSc. Busi. Info (UDSM)*

**Z. S. Mpangule, BSc. ISM (ARU)*

Y. J. Kangwe, BSc. (ISNE) (ST. JUT)

J.P. Kundy BSc. (CSE)(RUCU)

K.H. Abdallah, BSc. Electronics Eng. (UDSM)

S. H. Mwakibinga, BSc. Computer Syst. and Networks (ARU)

I.J. Ryoba, BSc. Telecom Eng. (UDSM)

Key:

*** On Master Study Leave**

**** on PhD Study Leave**

***** On secondment**

SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES (SEES)**Senior Lecturer and Dean**

G.J. Mhina, BSc. Eng. (UDSM), MSc. ETM (ARU), PhD ETM (ARU)

Department of Civil and Environmental Engineering**Lecturer and Head of Department**

A.W. Marwa, BSc EE (UDSM) MSc. EE (UDSM) PhD ETM, ARU

Associate Professors

A. Mahenge, BSc. Env Eng. (UDSM), MSc. WRE. (UDSM), PhD. Eng (UDSM)
S.M.M. Sabai, BSc. Eng., MSc. (UDSM), PhD (Eindhoven)

Senior Lecturers

S. Mkumbo BSc. Eng., MSc. (UDSM), PD. Eng. (Eindhoven), PhD (ARU), Reg. Env. Expert (T)
N.C. Makuri, BSc. Eng. (UDSM), MSc. ETM (ARU), PhD Hydrology and Water Resources Engineering (Nelson Mandela - Arusha)

Lecturers

G.J. Mbatta, BSc Eng. (UDSM), MSc. Transport Eng. (USA), PhD (USA), Reg. PE (T)
Catherine. A. Mushi, BSc. Civil & Water Resources Eng. (UDSM), MSc. Env. Eng. & Sust. Infra. Eng. (KTH); PhD WRE, UDSM.
R. P. Mapinduzi BSc. Eng.(UDSM), MSc. ETM (UDSM), PhD (UDSM) Engineering
A.W. Marwa, BSc EE (UDSM) MSc. EE (UDSM) PhD ETM, ARU
J.G. Balengayabo, BSc. Eng. (UDSM), MSc. ETM (ARU), PhD ETM (ARU)
E. F Ruhinda, BSc. Eng. (UDSM), MSc. ETM (ARU), PhD ETM (ARU)

Assistant Lectures

**B. Hibwa, BSc. Civil & Structural Eng. (UDSM), MSc. Water Resources Eng. (UDSM), ERB Reg PE (T)
V.S. Malima, BSc CE, MSc CE (ARU)
**E.L. Mmbando, B. Eng Civil Engineering, MSc Geotechn. Engineering
**E.V. Maganga, BSc. MISE (ARU), MSc. Civil Eng
**F.F. Halla, BSc. EE (UDSM) MSc. ETM (ARU)
**R.K. Gabriel, BSc EE (ARU) MSc WE (Brunnel. Univ.)
N.A. Kijazi, Bsc. Eng. (ARU) , MSc. ISM (UDSM), Reg. Env. Expert (T)
**D. Marenghe, BSc. Civil Eng. (ARU), Reg. GE (T), MSc. Civil Eng. (Gujarat Technological University)
**F. Nyudike BSc. MISE (ARU), Msc. IWRM (UDSM)
**B.E. Malle, BSc CE (ARU), MSc. Geotechnical Eng. (University of Capetown)
**N. G. Tibangayuka; BSc. MISE (ARU), MSc. WRE (UDSM), Reg. PE (T)
F. P. Ndakidemi BSc. EE (ARU), MSc. ISM (UDSM)
Z. Lwimbo, BSc. Civil Eng. (ARU), Reg. GE (T)
M.M. Majula, BSc. Met. & Mineral Proc. Eng (UDSM), MSc. Energy Engineering University of Abou Bekr Belkaid Tlemcen Algeria
Raynard Magehema, BSc CE (ARU), MSc Structural Eng. (University of Manchester)
G.M. Kasola, BSc CE (UDSM), MSc STE (UDSM). Reg PE(T)
**Prisca Albertho Longo, BSc CE (UDSM), MSc Transportation Sciences
**T. Njanda BSc. CE (UDSM), MSc. Transportation Sciences. ARU & Hasselt University

Tutorial Assistants

*S.E. Mwageni, BSc CE (ARU)
*S. Amanzi BSc EE (ARU) Reg. P.E.(T)
*E.C. Helandogo BSc. EE (ARU)
*R. Zacharia BSc. MISE (ARU)

*E. J. Kyobia BSc. EE (ARU)
 *F. Emmanuel Ndaka BSc. MISE (ARU)
 *Y. N. Maulid BSc. CE (UDSM)
 *Emmanuel Julius Kyobya BSc. EE (ARU)
 *Emmanuel Rajab Magori BSc. EE (ARU)
 *Joseph Fredy Mtabazi BSc. EE (ARU)
 *Helbert John Nyaki BSc. CE (ARU), MSc Transportation Science (HASSERT & ARU)
 *Kudra Omari Barua BSc. CE (ARU), MSc Transportation Science (HASSERT & ARU)
 Godfrey Nyarubamba BSc. CE (ARU)
 *Julieth Kombaha BSc. CE (ARU)
 Weruwetsa Ngowi, BSc. CE (ARU)
 Evance Msacky, BSc. CE (ARU)

Department of Environmental Science and Management

Head of Department

L.N. Sweya, BSc. Eng. (UDSM), MSc ETM (ARU) PhD CE (Univ of Autkland – Newzeland)

Senior Lecturers

J. Muhondwa, BSc. FST (SUA), MSc. EMQAL (Gdansk and Barcelona), PhD. (BTU Cottbus Senftenberg)
 G.J. Mhina, BSc. EE (UDSM), MSc. ETM (ARU), PhD (ARU & UCPH-Denmark), Registered Professional Engineer (ERB), Registered Environmental Expert (NEMC)
 L.N. Sweya, BSc. Eng. (UDSM), MSc ETM (ARU) PhD CE (Univ of Autkland – Newzeland)
 N. C. Telemu, BSc. ESM (SUA), MSc. IEM (UDSM), PhD (UDSM)

Lecturer

M. Selele, M. I. SELELE. BSc. Eng (UDSM). MSc. ETM. (ARU). PhD. ETM (Aru)
 P. Y. Mwamlima, BSc. MISE (ARU) MSc. ISM (UDSM), PhD Hydrology and Water Supply Eng (NELSON MANDELA UNIVERSITY)
 **M. Michael BSc. ELST (ARU) MSc. ETM (ARU), PhD ETM (ARU)

Assistant Lecturers

**F.A. Ligate, BSc. Eng. (UDSM), MSc. ETM (ARU)
 E. Salila, BSc. Eng. (ARU) MSc. M.Tech (EMT) (India)
 **Yvonne Bengesi BSc. ESM (SUA) MSc. Hydro Science and Engineering (Technische Universitat Dresden)
 **D.A. Byarufu, BSc. in ESM (ARU) MSc. Integrated Env. Management (UDSM)
 N.W. Tenende BSc. in ESM (ARU) MSc. Integrated Sanitation Management (UDSM)
 **Z.D. Malima, BSc. ESM (ARU), MSc. Climate Change and Sustainable Development (UDSM)
 **E.B. Kanigini, BSc. Ed. (UDSM), MSc. Environmental Chemistry - University of Nairobi
 **A.P. Silayo, BSc. Geography (Lands Planning) (UDSM), MSc. Natural Resources Assessment and Management (NARAM) (UDSM)
 Magdalena Mlowe BSc. ESM, MSc. ETM
 Alphonse Haruna BSc. ESM (ARU), MSc. ISM (UDSM)
 Christina Busenghwa BSc. ESM (ARU), MSc. Sustainable Energy Eng. (DIT)

Tutorial Assistants

*A. M. Shuli BSc. Molecular Biology and Biotechnology
 *J.D. Maethya, BSc. in Microbiology (UDSM)
 *P.J. Sulle, BSc. in Microbiology (UDSM)
 *Petrolina Joseph Sulle BSc. in Microbiology (UDSM)
 Viola Kimambo BSc. ESM (ARU),

Department of Disaster Management Training***Senior Lecturer and Head of Department***

L.S. Leonard (Leopord Sibomana Leonard), BSc. Eng. (UDSM), MSc. ETM (ARU) PhD ETM (ARU)

Professors

G.R. Kassenga, F.T.C. W.R.E. (Water Institute), Dipl. P.H.E. (ARI), MSc. (Oldenburg), PhD. (Baton Rouge), M.I.E.E., (USA), Reg. Env. Expert (T)

Senior Lecturers

N. Mwageni, BSc. ESM (ARU), MSc. ETM (ARU), PhD ETM (ARU)

S.E. Mbuligwe, Dipl. P.H.E., PGD (Urban Env. Mngmt) (Rotterdam), MSc. Eng. (UDSM), PhD. (Baton Rouge), Reg. Eng. (T)

Assistant Lecturer

**P.S. Kakoko, BSc. EE. (UDSM) MSc. IWRM (UDSM)

Tutorial Assistant

*M. Mdende BSc. ESM (SUA)

Key:

* On Master Study Leave

** On PhD/MSc study leave

INSTITUTE OF HUMAN SETTLEMENTS STUDIES (IHSS)**Senior Lecturer and Director**

D. P. Shayo, B.A with (Ed) UDSM, M.A (PS&PA) UDSM, PhD in Political Science (Westfälische Wilhelms-Universität (WWU), Muenster, Germany)

Senior Research Fellow and Head, Training

Y.E. Kachenje, BSc. URP (UDSM), MSc. Built Env. Analysis (KTH), PhD Built Environment Analysis (ARU).

Professor Emeritus

W.J. Kombe, Adv. Dipl. URP (ARI), M.A. Urb. Design (Royal Danish Academy), Ph.D. Urban Land Manag. (Technical University of Dortmund), MTPA, Registered Town Planner.

Associate Research Professor

T. Limbumba, Adv. Dipl. (ARI), Post. Grad. Dipl. IHS Rotterdam, MSc. (GIS for Urb. Plan. & Mngt.), PhD (KTH)

Senior Research Fellows

J. Kihila, BSc. Env. Eng., MSc. Env. Techn. & Management (UDSM), PhD (NM-AIST-Arusha)
I. Mtani, B. Arch. (UDSM), MSc. Eng. Mngt (MEM) (UDSM), PhD (University of Kassel)
Y.E. Kachenje, BSc. URP (UDSM), MSc. Built Env. Analysis (KTH), PhD Built Env. Analysis (ARU), Registered Town Planner.

Research Fellows

D.E. Msangi, BSc. URP (UDSM), MSc. URPM (TU Dortmund & ARU), PhD (SLU & ARU), Registered Town Planner.
L.E. Mngumi BA. Statistics (UDSM), MSc NARAM (UDSM), PhD Landscape Planning (SLU), PhD URGES (ARU)
S.T. Nuhu, B.A Gen. (UDSM), M.A (UDSM), PhD Urban Planning (SLU), PhD URGES(ARU).

Assistant Research Fellows

**M. Genes, BA Econ. (ARU), MSc PPA&PM (ARU)
**N.A. Munuo, BSc URP (ARU), MSc. Eng. Mgt (UDSM), Registered Town Planner.
**E.V. Nsekela, BSc. ESM (ARU), MSc ETM (ARU)
**A.C. Nyiti, BSc. HIP (ARU), MSc. Housing (ARU), Registered Town Planner.
A. Kondoro, BSc. Real Estate (Finance & Investment) (ARU), MSc Real Estate (Reading Univesity, UK)
G. G. Rwakibarila, Masters of Fin. & Account. (UDSM), BSc Econ (Econ. Policy & Planning) (Mzumbe University)
R.P. Mushi, B.A CDS (ARU), MSc PPA&PM (ARU)
H. H. Mwawado, BSc. URP (ARU), M.A Proj. Plg. & Mngt (MA PPM) (UDSM)
A. C. Mng'onya, BSc. ESM (ARU), MSc. SESE (Sustain. Energy Science and Engin.) (NM-AIST)
E. P. Daniel, B.A Sociol. (UDSM), M.A Sociol. (UDSM)
J.W. Mdee, B. A Sociol. (UDSM), M.A Sociol. (UDSM)

Lecturers

M. Ntiyakunze, BA Econ. (UDSM), MA Econ. (UDSM), PhD Econ (LTU).

Research Assistants

*E. I. Nkongo, BSc. Civ. Eng. (ARU)
*A. Masunga, BA Political Science & Public Administration (UDSM)

Key:

* On Master Study Leave

** on PhD Study Leave

INSTITUTE OF BUILDING RESEARCH (IBR)***Senior Research Fellow and Director***

J. M. Kihila, BSc. Env. Eng. Tech. & Management (UDSM), MSc. ETM (UDSM), PhD (NM-AIST ARUSHA), Registered Professional Engineer (ERB), Registered Environmental Expert and Environmental Auditor (NEMC)

Research Fellow

E. C. Mbuya, BSc. BE (ARU), MSc Eng (UDSM), PhD (ARU), Reg. QS (T)

Assistant Research Fellow

E.P. Ng'imba, B. Arch (ARU), MPM (ARU), Reg. Architect (AQRB)

T.T. Rugaimbila, BSc. Econ & Stats, (UDOM), MSc. Econ. (UDOM)

** Y.R. Mbandu, B. Arch (ARU), MSc. Arch (ARU).

Research Assistant

* G. J. Muro, BSc. URP (ARU)

* Janeth J.J. Kihamba, BSc. Electrical Eng. (UDSM), Reg. Eng (ERB), GIET

* M.G.Nyanswe, BSc. BE (ARU), Reg. Quantity Surveyor (AQRB)

* N.C.Msigwa, BSc. Environmental Eng. (ARU), Reg. Graduate Engineer (ERB)

T.P. Mallya (BSc. CTE, UDSM)

Lecturer

G. Ayubu, B. Arch (UDSM), MSc. Arch (UDSM), PhD (HASSELT & ARU),

Reg.Arch (T), MAAT

Key:

* On Master Study Leave

** on PhD Study Leave

CONSULTANCY BUREAU DIRECTORATE (CBD)***Senior Lecturer and Director***

Dr. E. Mchome, BSc. URP, MSc. UPM (Dar), PhD (Dar) Registered Town Planner.

LIBRARY SERVICES***Librarian and Acting Director***

E.E. Silayo, Cert. Educ., Dip. Ed. (Marangu T.C.), Special Cert. Music Ed. (Butimba T.C.)
B.A.Fine and Performing Arts (UDSM), M.A. Information Studies (UDSM), PhD (UDSM).

Senior Librarian

S.R. Lukwale, Dip. Lib. (Makerere), M.A. Lib. & Bibliog. (Minsk), PhD. (Moscow).

Librarian

G. Kenan, Dipl. in Education (Morogoro TTC), B.A. Pub. Admin. HRM (MU), MAInformation Studies (UDSM) PhD (UDSM).

Assistant Librarian

E. Mbago, BA. LIS (TURDACO, DSM), M.A LIS (UDSM)

A.S Lusekelo, Bachelor of Arts in Library and Information Studies (University of Dar es Salaam).

Assistant Librarian Trainee

Haruna L. sadiki, Dipl. in Information and Library Science (Sokoine University), Bachelor of Science and Information Management (Mzumbe University).

E. P Atanas, Bachelor of Arts in Library and Information Studies (University of Dar es Salam).

U. Mapunda, Bachelor of science in Library and Information Management (Mzumbe University).

J.D Nsenga, Bachelor of Arts in Library and Information Studies (University of Dar es Salaam).

J.S Moshi, Bachelor of Arts in Library and Information Studies (University of Dar es Salaam).

K.S Dickson, Bachelor of science in Library and Information Management (Mzumbe University).

DIVERSITY MANAGEMENT DIRECTORATE (DMD)***Senior Lecturer and Acting Director***

Dr. D. Magembe-Mushi, BSc. URP, (UDSM), MSc. URPM (Dortmund), PhD (ARU), Registered Town Planner

UNIVERSITY EXAMINATION REGULATIONS

UNIVERSITY EXAMINATION REGULATIONS

INTRODUCTION

The examination regulations presented in this prospectus provide the criteria and other conditions for examinations leading to Degree/Diploma awards at Ardhi University. Examination” in these regulations refers to a formal and supervised assessment activity which contributes to the overall mark that is used to grade student learning outcomes.

The regulations are meant to keep students, their academic supervisors, the academic community at the University, and the public at large better informed about the academic environment and courses offered at Ardhi University.

The regulations contain four components: the general University Examination Regulations (for both undergraduate and postgraduate students); Undergraduate Examination Regulations (for undergraduate students only); Postgraduate Examination Regulations (for postgraduate students only); and school-specific examination regulations. Postgraduate Examination Regulations must be read together with the General Regulations and Guidelines for Postgraduate Study Programmes.

All enquiries concerning these examination regulations should be addressed to:

The Deputy Vice Chancellor for Academic, Research and Consultancy
Ardhi University,
P.O. Box 35176,
Dar es Salaam, TANZANIA.

E-mail: aru@aru.ac.tz

Telephone: (+255) - 738 357 310; 738 357 311; 738 357 312

Fax: +255-22-2775447

GENERAL UNIVERSITY EXAMINATION REGULATIONS

1.0 Registration for Programmes/Courses

- 1.1 At the beginning of a Semester, each student shall register courses for the respective Semester. Approval of the courses by the Head of Department shall constitute formal enrolment of the courses in the Semester.
- 1.2 The Department shall appoint an academic advisor for each student to advise the student on academic and social matters, and shall meet at least once in a semester.
- 1.3 Each department may prescribe core and elective courses. Students may be allowed to select relevant elective courses from other programmes offered in the University subject to approval by the School. The elective course(s) shall also count towards the degree classification as prescribed in the respective programme curriculum. Additionally, a student may take at most three optional courses which will not count to final GPA.
- 1.4 A student who has registered for elective course but wishes to withdraw from that course must apply to the Dean/Director, as the case may be, of the unit hosting the course through the Head of the Department offering the course.
- 1.5 No student will be permitted to commence or withdraw from any elective course three weeks after the beginning of the Semester.
- 1.6 A student may transfer from one academic programme to another in Year I within the first four weeks of the first semester. Transfer shall be subject to availability of slots in the preferred programme, admission points and approval by the Senate.
- 1.7 After approval of student's transfer from one programme to another, the respective student will not be allowed to retransfer/return to the programme he/she was previously admitted or transfer to another programme.

2.0 School/Institute Regulations

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

3.0 Eligibility for Examinations

- 3.1 Students are required to accomplish registration requirements and have complete coursework before they can be allowed to sit for the University Examination.
- 3.2 The Dean of a School or the Director of academic Institute may bar any candidate from being admitted to any examination in any subject or course where the Dean or Director is satisfied that the candidate has unsatisfactory attendance/progress, and the requirements of the course.
- 3.3 For the purpose of regulation 3.2, unsatisfactory shall mean:
 - i) Non-attendance in a course for a total of 20% hours of lectures, practical/seminars and/or tutorials in any one semester.
 - ii) Less than 5 consultation stages (e.g. topic formulation, literature, methodology, data analysis and discussion and concluding the subjects) with supervisor during the dissertation period.
 - iii) No progress reports of dissertation(s)/thesis for postgraduate students.
- 3.4 Where a candidate who has been either barred or not eligible to sit for examination in accordance with paragraph 3.1 and 3.2 enters the examination room and sits for the paper, his/her results in that paper shall be declared null and void.
- 3.5 A candidate whose work or progress is considered unsatisfactory and has been barred by the Dean of a School or the Director of academic Institute shall be required by Senate on recommendations from the Senate Undergraduate Studies Committee or the Senate Higher degree Research and Publications Committee, to repeat the course when next offered before admission to the examination

- 3.6 A student is required to register semester courses before sitting for examinations. Where a student has not registered for a course and sits for an examination, the examination results shall be nullified.
- 3.7 The general conduct of Double Degree and Joint Degrees shall be guided by specific agreement between the involved parties.

4.0 Absence from Examinations

- 4.1 A candidate who absents himself/herself from an examination(s) without compelling reason shall be considered to have absconded examination(s) and shall be discontinued from studies.
- 4.2 A student who has:
- i) Postponed examination for compelling reasons shall be required to sit for a Special examination and shall be assigned a "PEX" grade (postponed exam);
 - ii) Incomplete in coursework(s) for compelling reason shall be required to sit for a Special test/assignment/presentation/practical before Departmental Examiners Meeting for deliberating UE results.
 - iii) Incomplete in both coursework and University examination for compelling reason shall be assigned an "I" grade (Incomplete).
 - iv) Been barred shall be indicated 'BAR' in the respective course(s).
 - v) Passed away shall be indicated as 'DCD' in the missed courses
 - vi) To repeat courses shall be indicated 'RPT' in the respective course(s).
 - vii) To resubmit dissertation/Seminar paper shall be indicated 'RESUB' in the respective course(s).
 - viii) Absconded studies/examinations shall be indicated as "ABS"
 - ix) Deregistered from studies shall be indicated as "DER"
 - x) Examination Irregularity shall be assigned "IRR" in the respective course
 - xi) Postponement of studies shall be indicated as "POS"
- 4.3 Compelling reasons shall mean sickness and/or social problems supported with valid evidences (each case to be considered on its own merit).
- 4.4 A student who has a "PEX" or "I" grade in a course during any academic year is required to clear the course examination during the time of Special examinations for that academic year. Except with the approval of the respective School/Institute Board, a student who will not clear any "PEX" or "I" grade at the time of Special examination will be considered to have absconded and shall be discontinued from studies.
- 4.5 A student who fails to clear PEX or I within the academic year with compelling reasons shall have incomplete results and shall be required to sit for special and/or supplementary examination before proceeding to next academic year of study.

5.0 Form of Examinations and Assessment

- 5.1 Examinations shall include continuous assessment (tests, assignments, quizzes, seminar/project/dissertation/studio presentations, workshop/laboratory practical(s) or any other form of assessment specified in the curriculum or School/Department specific examination regulations) and University examinations including written, practical, oral examinations where appropriate. Missing a quiz shall not be used as a basis to discontinue a student
- 5.2 For the purpose of continuous coursework assessment in each semester, there shall be:
- a) At least two written tests, and two assignments for theoretical courses
 - b) At least two presentations for practical courses such as projects, studio, dissertations, workshop, laboratory works, drawings as prescribed in respective curriculum.
- 5.3 Candidate at any examination may, at the discretion of the Board of Examiners, be required to attend an oral examination in addition to written/practical examinations.
- 5.4 The percentages of the total marks awarded for written, practical and oral examinations in any subject or course shall be determined by Senate, on the recommendations of the appropriate School, or academic Institute Board.
- 5.5 Assessment of the student's progress shall be based on the following grading system:

Marks (%)	Grade	Points	Undergraduate	Postgraduate
70-100	A	4.4-5.0	Pass	Pass
60-69	B+	4.0-4.3	Pass	Pass
50-59	B	3.0-3.9	Pass	Pass
40-49	C	2.0-2.9	Pass	Supplement
35-39	D	1.0-1.9	Supplement	Supplement
0-34	E	0-0.9	Supplement*	Repeat

* Applicable for supplementable courses

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

- 5.6 The minimum pass mark in first sitting shall be “40%” for Undergraduate and “50%” for Postgraduate. Maximum pass grade for Supplementary examination is “C” for undergraduate and “B” for postgraduate.

6.0 Dates of Examination

- 6.1 Examinations in Schools and academic Institutes shall be held at a time to be determined by Senate, which shall normally be at the end of each semester, subject to such exceptions as Senate may allow upon recommendation by Senate Undergraduate Studies Committee (SUSC) or Senate Higher Degrees, Research and Publications Committee (SHDRPC) as the case may be.
- 6.2 Candidates who are referred and are required to do Supplementary examinations shall be re-examined in the referred subjects at a time to be determined by Senate which shall not be less than one month after the approval of the examination results at the end of the Second Semester in the academic year.
- 6.3 A candidate who, for compelling reason, was unable to present himself/herself in the end of Semester examinations may, with the special permission of Senate present himself/herself for examination at a time fixed for Supplementary/Special examinations before proceeding with the subsequent academic year
- 6.4 A candidate who, for compelling reason, was unable to present himself/herself in the Supplementary/Special examinations may, with the special permission of Senate, present himself/herself for examination at a time fixed for “Special” Supplementary examination.
- 6.5 A candidate who failed to present himself/herself for examination should officially inform Head of Department in writing on the same date of examination.

7.0 Conduct of Examinations

- 7.1 University examinations shall be conducted under the control of the Deputy Vice Chancellor–Academic, Research and Consultancy (DVC-ARC) or such other officer of the University as the Deputy Vice Chancellor may appoint.
- 7.2 The Independent Internal Examiners and External Examiners for University examinations shall be appointed by Senate in the manner it shall be prescribed.
- 7.3 The Deputy Vice Chancellor – Academic, Research and Consultancy shall have power to issue such instructions, notes or guidelines to candidates, invigilators and examiners of University examinations as he/she shall deem appropriate for the proper, efficient and effective conduct of such examinations.
- 7.4 The instruction notes or guidelines issued by the Deputy Vice Chancellor – Academic, Research and Consultancy in line with examination regulations shall form part of and be as binding as these regulations.
- 7.5 For the efficient functioning of examination conduct, assessment and processing of results thereof, the Head of Department shall appoint such coordinator/s from among academic staffs in his/her Department as necessary to perform the functions related to examinations of the different courses hosted by his/her department.

- 7.6 There shall be monitoring of examination conduct by Quality Assurance Unit.
- 7.7 University examinations shall be carried out either face to face (physically) or online.
- i) Online examination shall be guided by directives and guidelines as prescribed by Senate from time to time
 - ii) Online examinations shall be in the form of timed oral or written depending on the nature of the course and as approved by Senate
 - iii) For the purpose of objectivity and traceability, on line oral examinations shall be assessed by at least two examiners and examination process documented
 - iv) Artificial Intelligence (AI) tools shall not be allowed in on-line examinations. A student caught using AI tools in online examination shall be considered to have committed an examination irregularity.

8.0 Departmental Examiners Meetings

- 8.1 University examinations shall be vetted by Departmental Committee and moderated by Independent Internal Examiners
- 8.2 Examination results shall be discussed and endorsed by Departmental Examiners meetings which will comprise of all members of academic staff in the Department. Then the Department shall submit the examination results with major observations and recommendations to School/Institute Board for further endorsement.
- 8.3 The provisional results of such examinations shall be published by the School/Institute after being endorsed by the School/Institute Board. The published results shall be provisional subject to approval by the Senate.
- 8.4 Provisional results endorsed by School/Institute Boards shall be submitted to the Senate for approval
- 8.4 The School/Institute shall make publication of final examination results approved by the Senate.
- 8.5 University examinations shall be moderated and evaluated by Independent Internal Examiners.

9.0 Examination Irregularities

- 9.1 No unauthorized material shall be allowed into the examination room.
- 9.2 Examination irregularities include; alleged unauthorized absence from University Examination room, possession of unauthorized material in the examination room, causing disturbances in or near any examination room, any form of or kind of dishonesty, destruction, swallowing or falsification of any evidence of irregularity, cheating in examination, or an act of impersonation.
- 9.3 Procedure for reporting cases of any irregularity conducted during university examination:
- a) Once a student is found with unauthorized materials, the invigilator should require him/her to sign on the materials to confirm they are his or hers. The student shall also be required to sign on the Irregularity Reporting Form.

IRREGULARITY REPORTING FORM

<i>INTRODUCTION</i>	
Date	
School	
Department	
Programme	
Year and Semester	
Code and Name of examination	
PARTICULARS OF THE STUDENT WHO COMMITTED EXAMINATION IRREGULARITY	
Reg.No	
Name:	

Year of study:		
Signature:		
Name and signature of invigilator		
Name:		
Signature		
NAME AND SIGNATURE OF WITNESS(ES): QAB MONITOR/HEAD OF DEPARTMENT (AS THE CASE MAY BE)		
Name:		
Title		
Signature		
INCIDENT INFORMATION		
Description of the examination irregularity		
Action taken by the invigilator		
Action taken by Head of Department		
Name and signature of Head of Department		
Confirmation of Submission of the confiscated irregularity material to Head of Academic Affairs		
Name and signature of Head of Academic Affairs	Name..... Signature:.....	
Recommendations of the Dean/Director to forward the case to EIC	YES	NO
Name and signature of Dean/Director receiving the irregularity case		

- b) If the alleged student refuses to sign and/or provide written statement on the unauthorized materials or whereas it is practically difficult to sign on the material, it does not falsify the evidence. In such a case the irregularity material shall be signed by a QAU monitor or Head of Department of the particular class.
- c) A student found with unauthorized material shall be allowed to continue doing examination.
- d) The invigilator shall submit the original copy of the confiscated irregularity materials to the Head of Academic Affairs for safe keeping; in addition, the Invigilator(s) shall report irregularity incident in writings (using the Irregularity Reporting Form) with a copy of the confiscated evidence(s) (if any) to the Head of Department on the same day. The student shall be required to submit a written statement on the alleged irregularity incident to the Head of Department immediately after the examination on the same day of examination or upon discovery of the irregularity or the next working day for cases where the irregularity is committed during evening sessions. In case a student refuses to submit his/her written statement, the invigilator's report shall suffice. The Head of Department shall then report to the School Dean or Director of Institute.
- e) School Dean or Director of Institute shall report the irregularity case to the DVC-ARC within five working days after occurrence of the irregularity case for cases of continuous assessment. For End of Semester Examination, the irregularity case

shall be reported to DVC-ARC within five working days after completion of the semester examinations referring to the Invigilator's Report Form.

- f) The DVC-ARC shall appoint the Examination Irregularity Committee (EIC) immediately after receiving the examination irregularity report from the respective School/Institute but, it shall not be a Standing Committee.
 - g) Examination Irregularity Committee (EIC) shall comprise of: The School Dean/Institute Director, Heads of Departments, Administrative Officer in the respective School/Institute (Secretary), Head, Quality Assurance Unit, Director of Undergraduate Programmes/Director of Postgraduate Programmes as the case may be (Chairperson), Student representative and 2 senior members of academic staff from any other School/Institute.
 - h) The Examination Irregularity Committee (EIC) shall convene a meeting to deliberate the irregularity case and shall submit its recommendations to SUSC/SHDRPC endorsement prior to submission to the Senate for approval.
 - i) The quorum of the Examination Irregularity Committee (EIC) shall be two-thirds (2/3) of the members.
 - j) The EIC shall have powers to summon, interrogate any invigilator, candidate(s) or any other person relating to examination irregularity and recommend appropriate action to be taken against the student found guilty of committing the irregularity. Bringing a representative on behalf of the student shall not be allowed.
 - k) The Examination Irregularity Committee (EIC) shall decide based on the facts presented and regulations.
 - l) The alleged student shall bear any costs related to attending EIC meetings for interrogation or when needs arise.
 - m) When the alleged student is summoned by EIC but does not appear for interrogation for no compelling reasons, the EIC shall continue to handle the case in his/her absence.
 - n) All confiscated unauthorized materials shall be kept in the office of Academic Affairs.
- 9.4 Subject to confirmation by Senate, any candidate found guilty of committing an examination irregularity as specified in regulation 9.2 above shall be discontinued forthwith from studies in the University.
- 9.5 Any candidate found guilty of commission of an examination irregularity and is aggrieved by the decision may appeal to Senate in accordance with the provisions of appeal regulation of these Regulations.
- 9.6 In this regulation:
- a) Materials specified on the examination paper shall not be regarded as unauthorized materials;
 - b) "Unauthorized material" includes any relevant or irrelevant written or printed material that is generally or specifically prohibited from being brought into the examination room, expired and/or forged identity cards, cellular or mobile phones, smart watches, tablets, earphones/pods, smart gadgets, radios, radio cassettes or other types of cassette players, computers, information written on any part of the body, soft and alcoholic drinks and any other material as may be specified from time to time by the Deputy Vice Chancellor – Academic, Research and Consultancy, Dean of a School, Director of an academic Institute or a Head of an academic department;
 - c) "Unauthorized absence from examination" includes going out of the examination room, temporarily or otherwise, or staying out of the examination room for an unduly long period, without authorization or permission of the invigilator(s) for the examination in question;
 - d) "Cheating in Examination" includes any form or kind of dishonesty, peeping, communicating, forging credentials, destruction, swallowing or falsification of any evidence of examination irregularity.
 - e) "Impersonation" includes an act of one student pretending to be another student or allowing or aiding another person to sit for an examination on behalf.

- 9.7 Senate may impose such a lesser penalty on a candidate found guilty of commission of an examination irregularity, depending on the gravity of the facts or circumstances constituting the offence, as Senate may deem appropriate.
- 9.8 Unauthorized materials caught in the examination room shall be confiscated and kept in all times of processing and handling irregularity cases as evidence until the fate of the irregularities being concluded by Senate.
- 9.9 The unauthorized materials may be returned to the owner if requested in writing after expiration of one year from the date of Senate verdict on the irregularity case.
- 9.10 Unauthorized materials may be disposed if not requested by the owner after three (3) years from the date of Senate verdict on the irregularity case.

10.0 Application of Artificial Intelligence Tools

- 10.1 The use of generative AI tools during written examinations shall amount to irregularity
- 10.2 For assignments, project reports, and dissertations, the Artificial Intelligence shall be applied ethically and wisely based on the following limitations
 - a) Applied in ideation and brainstorming
 - b) Used as literature search
 - c) Proofreading and clarity
 - d) Coding assistance
- 10.3 A student shall cite and verify all the AI generated sources of information and how they have been used

11.0 Publication of Results

- 11.1 The provisional results of candidates in every examination, arranged in a manner as prescribed by Senate or, in that behalf, as provided under internal examination regulations of the relevant School or academic Institute approved by Senate and not in conflict with these Regulations, shall be published by the Dean of the relevant School or Director of Institute soon after the School/Institute Board meeting. These published results shall not be regarded as final until they have been approved by Senate.
- 11.2 The provisional results shall be published in information systems by the relevant School/Institute. The anonymity of the student must be protected in publishing results e.g., using students' registration numbers rather than names.
- 11.3 Provisional examination results having been recommended by the School or an academic Institute Board to the Senate Undergraduate Studies Committee or the Higher Degrees Research and Publications Committee, the Committee shall endorse the results and such endorsement shall have to be approved by Senate.
- 11.4 Senate shall approve the results of examinations for both Semesters at a time to be determined by Senate, which shall normally be at the end of the Second Semester except the following prerequisite courses which the Senate shall approve their results at the end of Semester One:
 - i) Studio results
 - ii) Industrial Training results
 - iv) Pre-Dissertation/Dissertation I results
- 11.5 If a student fails a pre-requisite course in any Semester he/she shall be required to repeat and clear the course when next offered before proceeding to subsequent Semester
- 11.6 If it can be established, during the time of noting Semester One UE results that a student cannot attain a minimum GPA of 2.0 for undergraduate, 2.7 for postgraduate or 1.8 for finalist, the Senate shall have powers to approve the discontinuation of such student(s).
- 11.7 Dean of the School and Director of academic Institute shall publish final examination results that have been approved by the Senate.
- 11.8 Feedback on Coursework Assessment (CA) must be continuously provided to students and the cumulative CA marks must be shown to students' on or before Friday of the last week of the start of Semester University Examinations. A copy of the students' CA marks must be submitted to the Head of the Department before the start of University Examinations.

12.0 Classification of Degrees

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

12.2 The letter grades will be assigned points as follows:

A	B+	B	C	D	E
4.4-5.0	4.0-4.3	3.0-3.9	2.0-2.9	1.0-1.9	0-0.9

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

12.4 To get the grade points (GP) score for each course, shall be calculated from raw marks with Equation as prescribed in the Table below:

Grade	Range of marks	Equation	Grade Point
A	70-100%	$Y=0.02X+3$	4.4-5.0
B+	60-69.9%	$Y=0.04X+1.6$	4.0-4.3
B	50-59.9%	$Y=0.1X-2$	3.0-3.9
C	40-49.9%	$Y=0.1X-2$	2-2.9
D	35-39.9	$Y=0.2X-6$	1.0-1.9
E	0-34.9	$Y=(1/35)X$	0-0.9

Y= Grade Points

X= Raw marks (%)

12.5 Points for a particular course are obtained through multiplying the grade points (GP) by corresponding number of credits. The total score for the degree shall be the total score for all countable courses taken by the candidate for the degree.

12.6 The overall Grade Point Average (GPA) score for the degree shall be computed by dividing the Total Score (Reg. 11.5) by the Total credits of the particular course.

12.7 The final degree classification shall be as follows:

GPA	Classification
5.0 - 4.4	First Class
4.3 - 3.5	Upper Second Class
3.4 - 2.7	Lower Second Class
2.6 - 2.0	Pass

The above range of GPA being a result of truncating of all decimals of the GPA

13.0 Classification of Diplomas

Diploma of the University shall be awarded GPA and classified by Senate as follows:

GPA	Classification
4.0 - 5.0	First Class (Distinction)
3.0-3.9	Second Class (Credit)
2.0 - 2.9	Pass

The above range of GPA being a result of truncating of all decimals of the GPA

14.0 Classification of Certificates

Certificate of the University shall be awarded GPA and classified by Senate as follows:

GPA	Classification
4.0 - 5.0	First Class (Distinction)
3.0-3.9	Second Class (Credit)
2.0 - 2.9	Pass

The above range of GPA being a result of truncating of all decimals of the GPA

15.0 Award

- 15.1 The Board of a School, or academic Institute, upon its satisfaction that the standard required under relevant regulations for the award of a degree, diploma, certificate or other award, as the case may be, has been attained by a candidate in University examinations applicable to him/her, may recommend to Senate through the relevant Board of a School/Institute and Senate Undergraduate Studies Committee or the Senate Higher Degrees Research and Publication Committee, that such degree, diploma, certificate or other award be conferred upon or granted to such successful candidate.
- 15.2 The final year overall results approved by the Senate shall make a candidate eligible to the award of degrees, diplomas or certificates offered at ARU.
- 15.3 Senate may confer degrees and grant diplomas, certificates or other awards of the University on or to candidates who fulfilled all prerequisite requirements and recommended in accordance with regulation 14.1 for such conferment or grant by the Board of a School or academic Institute.
- 15.4 There may be award of a double/joint degree from the programme jointly offered in mutual agreements in two collaborative universities.
- 15.5 The award of joint degree shall be represented by a single certificate which shall be designed in line with the agreement between Ardh University and partner Universities
- 15.6 The award of double degree shall abide to the mutual agreement between the two universities.

16.0 Aegrotat Degrees

- 16.1 The University may award aegrotat degree/diploma/certificate (as the case may be) to a student who had left the University on established medical reasons when close to completion of a programme after the University having being satisfied that the student's prior performance shows balance of probabilities that he/she would have passed respective examinations but the illness which occurred prevented him/her to sit for final examinations.
- 16.2 Candidates eligible to apply for an aegrotat degree/diploma/certificate (as the case may be) must have completed successfully the whole of their coursework and at least 80% of the final written examination.
- 16.3 The eligible candidate shall submit a request in writing with evidence justifying her/his request of aegrotat degree award.
- 16.4 Candidates who have completed such portion of the examination as shall be determined by the School or academic Institute/Board are eligible to apply for an aegrotat degree.
- 16.5 Applications from, or on behalf of, candidates must reach the Deputy Vice Chancellor – Academic, Research and Consultancy, through the Dean of the School or Director of an academic Institute within the period of the examination, and should be accompanied by medical report with relevant documents obtained, from the hospital and endorsed by the University Medical Officer.
- 16.6 An aegrotat degree will not be awarded unless the examiners consider that, in the work he/she attended, the candidate reached a standard which if also reached in the remainder of the examination should have qualified him/her for the award of the degree. PROVIDED that only candidates who completed successfully the whole of their course work and at least 80% of the final written examination are eligible to apply for an aegrotat degree.
- 16.7 An aegrotat award shall be considered as a terminal award which does not entitle the holder to practice a profession or to pursue postgraduate study although it may be used for non-professional related employment.
- 16.8 An aegrotat degree/diploma/ certificate (as the case may be) shall be unclassified and in all other respects, ungraded.

17.0 Posthumous degree

- 17.1 The University shall award a posthumous qualification to a student who had died when close to completion of a programme and the Head of the academic department in which

the deceased student was registered shall formally make a request to the relevant School or Institute board a recommendation to the Senate for award of a posthumous degree to the student in question.

- 17.2 The University may award an unclassified degree in cases where there is strong evidence that the deceased student would have achieved a degree, as long as the amount of study the student carried out deserves the posthumous award to be given to the candidate.
- 17.3 The awarding of a posthumous award shall ensure that the word "posthumous" is endorsed on all official documents associated with the award of a posthumous qualification, which shall include transcripts, testimonial statements and other student academic records.
- 17.4 Posthumous degrees shall be awarded in the name of the deceased student and shall be announced at the next relevant graduation ceremony, if so desired by legally authorized person.

18.0 Certificates, Certification and Transcripts

- 18.1 Senate shall issue certificates for degrees, diplomas, certificates or other award to such candidates as shall be declared to have fulfilled requirements for awarding the degrees, diplomas, certificates and be approved by Senate for the conferment or grant of such degree, diploma, certificate or other award.
- 18.2 A fee as Senate may from time to time prescribe shall be charged for certifying each copy of a degree certificate and academic transcript.
- 18.3 Upon application for a Transcript, a student or former student shall be given a Transcript of his/her academic performance record and charged a fee as Senate may from time to time prescribe. Any finalist student desirous of obtaining a Transcript(s) shall submit an application for a Transcript(s), a clearance form and one passport size photograph for the preparation of Transcript(s).
- 18.4 A fee as Senate may from time to time prescribe shall be charged for certifying each copy of a degree certificate and academic transcript.

19.0 Loss of Certificate

- 19.1 In case of loss or total or partial destruction of the original certificate or a copy thereof, the University office of the Deputy Vice Chancellor – Academic, Research and Consultancy, may issue a copy or another copy on condition that the applicant has submitted the following:
 - a) A formal request for a "Copy" certificate explaining how, when and where the original certificate was lost or destroyed.
 - b) Valid sworn Affidavit containing relevant details of the applicant and the lost or damaged certificate.
 - c) A copy of whole page of a newspaper with a loss notice showing that the lost certificate has been adequately publicly announced with a view to its recovery in an officially recognized form or manner in the applicant's home country or where the loss is believed to have taken place.
 - d) Police Loss report for a lost certificate or Fire and Rescue report for a damaged or destroyed certificate by fire or floods.
 - e) Copy of one of the following identity cards: National ID/Voter's ID/ Driving License or Passport.
 - f) A receipt of payment of fees as may be prescribed from time to time by the Senate for the copy of certificate issued.
- 19.2 The applicant shall bear all costs associated with the issuance of the copy certificate.
- 19.3 The Copy certificate will not be issued until a period of 6 months from the date of such loss has elapsed.
- 19.4 The certificate so issued shall be marked "COPY" across it.

20.0 Appeals

- 20.1 Except where unfair marking, wrongful computation of marks or grades or other like irregularity committed in the conduct of any University examination is alleged, no appeal shall lie in respect of any such examination on any other ground.
- 20.2 No appeal will be allowed in Design Studio Projects, Pre-dissertations, Dissertations, Theses, Industrial Training (IT), Engineering Drawing, Project courses and any other course for which assessment mode entails a lengthy and elaborate process involving a number of internal and external examiners shall be allowed.
- 20.3 Any student or candidate aggrieved by a decision of the Senate in terms of the provisions of regulation 9.0 may appeal to Senate for reversal or moderation of the previous decision made.
- 20.4 Any appeals made under regulation 19.1 shall be lodged with the Board of the appellant's School, or academic Institute, which shall forward the appeal with observations to Senate Undergraduate Studies Committee or the Senate Higher Degrees, Research and Publications Committee, whose observations and recommendations will be forwarded to Senate for approval.
- 20.5 Any member of the appellant's School, or academic Institute Board who participated in the making of the decision against which the appeal is lodged shall not have a voting right in Senate over such an appeal and may participate therein only in terms of presentation of findings and recommendation of the appellant's School, or academic Institute Board or answering queries, as the case may be, and shall otherwise be absent from Senate session considering any such appeal.
- 20.6 Appeals shall be lodged directly to the Deputy Vice Chancellor for Academic, Research and Consultancy who shall forward them to Senate with observations and recommendations of SUSC or SHDRPC thereon.
- 20.7 Any person who has been involved at any stage in the processing of a case of alleged commission of an examination irregularity, whether at first instance or in preparation for the appeal, shall be barred from participation in the making of a decision over such a case, except for purposes of making a presentation of findings or recommendations or answering queries, as the case may be, in respect thereof and shall otherwise be absent from Senate session considering any such appeal.
- 20.8 No appeal pertaining to the conduct of any University examination and the marking of scripts thereof shall be entertained unless an appeal is lodged with the appropriate University authorities in accordance with these regulations within six months from the date of approval of end of year results by the Senate.
- 20.9 A student may be allowed to re-appeal a decision on a previous appeal that has been deliberated by the Senate, if not satisfied with the outcome. Such a re-appeal shall be submitted within one month of the decision on the previous appeal. The DVC-ARC shall appoint an independent assessor to handle the re-appeal case.

21.0 Appeal Fee

- 21.1 All appeals shall be charged an appeal fee per course or decision made as prescribed from time to time by the Senate. Additional rates shall be charged for any further appeal decisions.
- 21.2 The appeal fee once paid shall not be refunded.

22.0 Disposal of Examination Answer Booklets and other Scripts

- 22.1 All used examination answer booklets shall be destroyed after the expiry of 3 years following final decision of Senate on the examination concerned.
- 22.2 Heads of Departments concerned shall, with respect to examination answer booklets falling under their departments:
- a) Create and maintain adequate records of actions and transactions affecting examination answer booklets, ensure that those records are properly maintained while waiting for any appeal or final disposal;
 - b) Initiate the disposal procedures of those examination answer booklets for which there are no further needs;

- c) Initiate immediate disposal of used examination answer booklets that have been stored by their departments for more than 13 months following respective Senate decision;
 - d) Designate a place or room as storage area for examination answer booklets awaiting appeals or final disposal;
 - e) Witness and keep close control over final disposal of examination answer booklets to ensure the confidential nature of contents of answer booklets remain inviolate.
- 22.3 The report of Heads of Departments to the Deputy Vice Chancellor – Academic, Research and Consultancy through respective Deans or Director of Academic Unit on disposal of examination answer booklets shall be accompanied with copies of appropriate mark sheets and list of students who sat for the examination concerned.
- 22.4 Pending final disposal, Heads of Departments shall ensure all information contained in examination answer booklets remain inviolate and is protected from misuse or abuse.
- 22.5 The Deputy Vice Chancellor – Academic, Research and Consultancy shall prepare a disposal and storage budget as well as storage devices of various sizes or descriptions which shall be used by Heads of Departments for storage of examination answer booklets for 13 months pending final disposal.
- 22.6 The storage devices prescribed under sub-paragraph (21.5) above shall be so marked or labeled as to facilitate identification of the course code and name, examination date, date of Senate decision, course instructor and date when final disposal shall be due.
- 22.7 The Deputy Vice Chancellor – Academic, Research and Consultancy shall select and announce the best available practice in disposing off the examination answer booklets due for disposal.
- 22.8 Depending on such pertaining circumstances as privacy of information contained, cost involved and environmental considerations, the Deputy Vice Chancellor – Academic, Research and Consultancy may with respect to any batch due for disposal, direct:
- a) The disposal by shredding and then disposed of by either burning or selling to recycling companies to be reused in producing other paper materials; or
 - b) Used examination papers be entirely burnt to completion.
- 22.9 The Vice Chancellor on recommendation of the Deputy Vice Chancellor – Academic, Research and Consultancy shall be responsible to order final disposal of any batch of examination answer booklets at the University.
- 22.10 The Vice Chancellor shall signify his order in the following way:
“It is hereby ordered that the following storage device marked LM Development Perspectives I 2001/2002 Semester I UE taught by Prof XYZ”
 Being EXAMINATION ANSWER **BOOKLETS** of the DEPARTMENT OF LAND MANAGEMENT & VALUATION, at ARU be disposed of in the manner provided for in the ARU Examination Answer Books (Disposal) Regulations.

.....
Vice Chancellor
 (Designation and Signature of person making the order)

- 22.11 Heads of Departments shall witness final disposal of itemized examination answer **booklets** and signify the disposal in the following way:
 I, Prof. XYZ being the Head of DEPARTMENT OF LAND MANAGEMENT AND VALUATION, ARU do hereby certify that on the date day of month year the records described in the Scheduled here to were destroyed in my presence by (**e.g., burning/shredding**).

.....
Head of Department
 (Designation and Signature of person certifying the disposal)

23.0 Instructions to Candidates before and during examinations

- 23.1 These instructions should be read together with the above University Examinations regulations.
- 23.2 All candidates should ensure that they possess valid student identification cards before entering into examination rooms. In the examination room, student identification cards should be visibly placed on top of the desk throughout the examination for Invigilators to check.
- 23.3 Candidates are responsible to acquaint themselves with the date, time and venue for their respective examinations in advance.
- 23.4 Students without valid student identification cards shall not be permitted entry to the examination room and shall not be eligible to sit for examinations.
- 23.5 Candidates are advised to be at the examination room at least fifteen minutes before commencement of the examination.
- 23.6 Candidates will be admitted by the invigilator to the examination room ten (10) minutes before the time the examination is due to begin. They must not begin writing the examination before they are told to do so by the invigilator. Where large numbers of candidates are affected, invigilators may admit candidates to the examination room fifteen (15) minutes in advance. During these ten minutes the invigilator will:
- a) Make an announcement to remind the candidates that unauthorized materials are not allowed into the examination room and that they should be removed from the examination room;
 - b) Display the sealed envelope containing examination papers before opening it;
 - c) Make an announcement to the effect that candidates should satisfy themselves that they are in possession of the correct examination paper;
 - d) Call attention to any rubric at the head of the paper which seems to require attention;
 - e) Announce that both sides of the paper must be used.
 - f) Candidates will be given five minutes to read the paper. The invigilator will then tell candidates when they may begin writing.
- 23.7 Candidates are permitted to do rough work beginning the last page of the booklet. This should be crossed through at the end of the examination.
- 23.8 No books, bags, cell phones, smart watches, laptops, drinks or any other material may be taken by candidates into the examination room. Candidates are not allowed to use materials that are not permitted to a particular examination.
- 23.9 Candidates are not allowed to borrow or exchange items such as rulers, pens, pencils and calculators during the examination.
- 23.10 Once a student is found with unauthorized material during examinations, regulation 9.3 shall apply.
- 23.11 No candidate will be permitted to enter the examination room after the lapse of thirty (30) minutes from the commencement of the examination and no candidate will be permitted to leave the examination room until thirty minutes have expired.
- 23.12 At the end of the examination period, and on instructions from the invigilator, candidates must stop writing and assemble their scripts, which they should personally hand them to the invigilator unless instructed otherwise.
- 23.13 Candidates are not allowed to take any examination papers or materials out of the examination room.

24.0 Directives to Invigilators**24.1 Before the Examination:**

- i) Invigilators should be present in the examination room at least twenty minutes before the commencement of the examination.
- ii) Invigilators should be provided with the following items by the School Examinations Officer:
 - a) Sealed envelopes containing question papers, code and name of examination to be attempted by candidates and room number where examination will be held,

- b) The sealed examination envelopes must be personally collected by each invigilator from the said Examinations Officer at least twenty (20) minutes before the examination. All invigilators who have reported to the Examinations Officer within this period should immediately go to their respective examination rooms.
- iii) Invigilators must ensure that ONLY ONE answer booklet is provided for each candidate unless the rubric on the question paper requires otherwise. The answer booklet must be filled before any additional answer booklet is provided.
- iv) Question papers and any other material prescribed in the rubric (e.g., log-tables, charts etc.) should be set out by the invigilator with the help of the Internal Examiner.
- v) Bags, books, cell phone (dully switched off), smart watches, laptops, drinks, attach cases, papers and other related items shall not be brought into the examination room.
- vi) The University assumes no responsibility for personal property lost in or near any examination room.
- vii) Invigilators should ensure that they admit candidates with valid student identification cards into examination rooms. Student identification cards should be visibly placed on the top the desk throughout the examination for Invigilators to check.
- viii) Invigilators should admit candidates to the examination room ten (10) minutes before the commencement of the examination and they should arrange sitting of candidates at right places. Where big numbers of candidates are involved, invigilators may admit candidates to the examination room fifteen (15) minutes in advance. During these ten/fifteen minutes the invigilator should:
 - a) Make an announcement to remind candidates that unauthorized materials are not allowed in the examination room.
 - b) Display the sealed envelope containing examination papers before opening it;
 - c) Make an announcement to the effect that candidates should satisfy themselves that they are in possession of the correct examination paper;
 - d) Call attention to any rubric at the head of the paper which seems to require attention;
 - e) Announce that, where this is practicable, both sides of the paper must be used.
 - f) Candidates will be given five minutes to read the paper. The invigilator will then inform candidates when they may begin writing the examination and time for finishing the examination.
- ix) Invigilators should not admit candidates to the examination room after thirty (30) minutes from the commencement of the examination and should not permit them to leave the room until thirty (30) minutes have expired.

24.2 During the Examination

- i) At the commencement of the examination, invigilators should remind candidates to ensure that they are attempting the right examination paper.
- ii) At the end of the first thirty minutes the invigilator should take record of candidates present in the examination room Invigilators should then collect blank answer-books (if any) from all vacant places. Spare question papers should be returned to the correct envelopes for collection by the Internal Examiner.
- iii) During the examination, invigilators should ensure that candidates are provided with any additional requirements (e.g., scripts, blotting-paper, log-tables etc.). Candidates may be permitted to do rough work on the left-hand pages of the script on the understanding that this is crossed out after the end of the examination. No candidate should be permitted to leave his/her place during the examination except to leave the examination room.
- iv) Candidates are not allowed to borrow or exchange items such as rulers, pens, pencils and calculators during the examination.

- v) Once a student is found with unauthorized material during examination, regulation 9.3 shall apply.
- vi) The candidate shall be informed that he/she has contravened the examination regulation 9 and that he/she will be reported, but shall not be prevented from continuing with his/her examination paper. A written report on the irregularity incident with all evidences and details must be sent to the DVC-ARC by the School Dean. It is the invigilator's duty to move around the examination room as quietly as possible at frequent intervals.

24.3 At the End of the Examination

- i) Invigilators shall not permit candidates to leave their places before their scripts have been collected. Candidates who wish to leave the examination room before the end of the examination shall hand over their scripts to the invigilator before leaving the examination room.
- ii) No candidate shall leave the examination room during the last ten minutes of the time allocated for the examination except in case of emergency.
- iii) At the end of the examination period invigilators shall instruct the candidates to stop writing and then collect all the scripts.
- iv) Candidates are not allowed to take any examination papers or materials out of the examination room.
- v) Invigilators shall enter the number of examination scripts collected from the candidate on the attendance sheet provided by the Head of Department at the time of collecting the examination papers.
Invigilators shall sign the said attendance sheet before they hand over all the scripts to the Head of Department who shall check correctness of received number of scripts against list of attendance. On receipt of the examination booklets from Head of Department, Internal Examiners will check them.
- vi) Invigilators shall hand over all extra examination booklets to the respective Head of Department.

25.0 General Notes and Instructions

- 25.1 Internal Examiners (or their assistants) are required to attend in the examination rooms within thirty (30) minutes from the commencement of each examination.
- 25.2 Examination instructions, which the examiners (or their assistants) may wish to be given to candidates, should be announced by the invigilators.
- 25.3 Cases of illness should be reported in writing to the Head of Department by the student or class representative on or before the day of examination.
- 25.4 Chief Examinations Officer is the Deputy Vice Chancellor for Academic, Research and Consultancy.
- 25.5 A candidate required to carry over courses shall find his/her own time to do so while following regular courses in the on-going semester.

26.0 Dissertation Assessment

Dissertation assessment shall comprise of continuous assessment and university examination. The assessment of dissertations/thesis shall be as prescribed in specific curriculum.

**UNDERGRADUATE GENERAL EXAMINATION
REGULATIONS**

UNDERGRADUATE GENERAL EXAMINATION REGULATIONS

In addition to the General University Examination Regulations, the following Regulations shall also apply to all undergraduate programmes:

1. Academic Programmes in Schools are organized under a credit system, currently based on two semesters per academic year with each semester examined independently. Each course is assigned a credit weight that reflects time devoted to it on the timetable or work plan. One credit of the theoretical subjects is equivalent to 10 notional-hours. Notional hours mean total hours for lectures, tutorials, seminars, practical, independent study and assignment.
2. A student shall take a minimum of 60 credits in each semester. A minimum of 360, 480 and 600 credits must be taken and passed in a three, four and five-year programme of study, respectively for the award of Bachelor degree.
3. A full-time student shall register at the beginning of each Semester for a total minimum of 60 credits.
4. A full-time student who repeats and/or carries courses shall register at the beginning of the respective semester for a number of credits equivalent to the carried/repeated courses.
5. Part-time student shall register as per respective short term and occasional students' admission regulations.
6. A student shall be allowed to continue with his/her degree programme from one academic year to the next if he/she has scored an annual average GPA of 2.0 or higher.
7. Continuous coursework assessment and university examinations shall be 40% for CA and 60% for UE except those specified by respective School/Institute curriculum and regulations.
8. Assessment of practical, dissertation, studio, projects, workshops, engineering drawings, construction drawings, portfolio and oral presentations shall be as per respective School examination regulations.
9. For the purpose of continuous assessment in theoretical courses, tests shall carry 25% marks while 15% marks for assignments.
10. A student shall be allowed to sit for supplementary examinations if she/he has obtained a minimum GPA of 2.0.
11. Any student who qualifies to sit for supplementary examinations shall be required to do so in all the courses in which he/she had failed before proceeding to the next academic year.
12. A student who fails supplemented course but has attained an annual GPA of 2.0 shall carryover the course.
13. The highest grade awarded in a supplemented subject shall be "C"
14. A student who failed Semester Project, Studio, Pre-Dissertation, Dissertation(s), Engineering Drawings or Industrial Training (IT), Construction Drawings and Portfolio cannot sit for supplementary examinations.
15. A student who fails pre-requisite courses such as Studio, Pre-Dissertation/Dissertation I, In-Semester Project courses, as specified in respective curricula and School regulations, shall repeat and clear the failed course(s) when next offered before proceeding to subsequent Semester.
16. A student who repeats Studio course:
 - a) May register to pursue carryover courses that were approved by Senate.
 - b) May sit for the supplementary examinations for the failed courses that were approved by Senate after Semester Two.
 - c) During Semester One will not be allowed to supplement course(s) that have failed and not approved by Senate.
17. A final-year student:
 - a) Who does not qualify to supplement on the basis of average annual GPA of at least 2.0 shall be evaluated on the basis of the overall average of the three year or four-year or five-year GPA for the purpose of qualifying to supplement a

- failed course or re-submit a dissertation. The overall average GPA for all academic years must be not less than 2.0.
- b) Whose overall average GPA for all academic years is less than 2.0 shall be regarded to have failed studies and shall be discontinued.
18.
 - a) A student who fails supplementary of a carryover course shall be discontinued from studies
 - b) No course shall be carried over for more than once, except for courses offered in final year which may be carried over twice within the maximum registration period of the programme.
 19.
 - a) A student will be allowed to continue with studies and carryover a maximum of three failed courses from one academic year to another. All carryover courses must be cleared within maximum registration period.
 - b) A student with more than three carryover courses after failing Supplementary examinations, but has attained an annual GPA of 2.0, shall be allowed to repeat and clear the failed courses when next offered prior to proceeding to subsequent year of study. The maximum registration period shall remain the same based on program duration.
 - c) A student who repeats carryover courses in (b) above, may also register for other carryover courses that were approved.
 20. Carry over course assessment shall follow assessment of the first examination sitting.
 21. It shall not be mandatory for supplementary examinations to be examined by External Examiners.
 22. A candidate who fails in a repeated course that is assessed by continuous coursework assessment only shall be discontinued from studies.
 23. The maximum time for which a student may register for studies for the Bachelor degree is five cumulative years for a three-year program, seven cumulative years for a four-year program and eight cumulative years for a five-year program.
 24. It shall be a responsibility of the student to acquaint himself/herself regularly with all the University by-laws, regulations, guidelines, procedures and any other instruments governing their academic and social life at the University.
- 25 **Semester Projects**
Semester projects shall be governed and assessed by respective School Regulations
- 26.0 **Dissertations**
- 26.1 Where there is a Dissertation in final year of study, their conduct will be governed by respective School Regulations.
 - 26.2 A student who fails in Dissertation shall be given a maximum of three months from the date the Senate approved the results to re-submit the dissertation.
 - 26.3 Re-submission of a Dissertation shall be regarded as a Supplementary examination and a maximum score shall be "C" grade.
 - 26.4 A candidate who fails in Dissertation resubmission shall be required to repeat the course when next offered.
 - 26.5 Dissertations shall be assessed as per respective School regulations
- 27 **In-Semester Fieldwork**
In-semester fieldwork shall be governed and assessed by respective School Regulations.
- 28.0 **Industrial Training**
- 28.1 There shall be Industrial Training after end of Second Semester University examinations session in each academic year as prescribed in each curriculum.
 - 28.2 Review of Industrial Training reports by External Examiners shall be governed by School Regulations.
 - 28.3 Each IT session shall be treated as a course of the succeeding academic year and shall contribute to GPA of that year.
 - 28.4 The School shall be responsible for making arrangements for students' IT placement.

- 28.5 Each student on IT shall be visited and assessed by an examiner from the School at least once during the IT period.
- 28.6 Students shall hand in his/her logbook to the Head of Department not later than two weeks after the commencement of the subsequent academic year.
- 28.7 Any loss of IT logbook should be reported to respective Heads of Departments not later than two weeks after the commencement of the subsequent academic year. If proved true with all relevant evidence, such an IT shall be repeated and cleared prior to continuing with succeeding IT of the next academic year.
- 28.8 Any Student who does not hand in IT logbook to the Head of Department within two weeks since the commencement of a new academic year without compelling reasons, shall be regarded to have absconded the IT and shall be discontinued from studies.
- 28.9 Any Student who does not hand-in IT logbook to the Head of Department with compelling reasons, shall repeat and clear the IT prior to continuing with succeeding IT of the next academic year.
- 28.10 A student who does not report at IT allocated place without compelling reasons shall be regarded to have absconded the IT and shall be discontinued from studies.
- 28.11 A student who does not report at IT allocated place with compelling reasons, shall repeat and clear the IT prior to continuing with succeeding IT of the next academic year.
- 28.12 A student who goes to the allocated IT place but does not follow the training programme without compelling reasons shall be regarded to have failed the IT and shall repeat the IT course.
- 28.13 A student who does not follow the IT program with compelling reasons, shall be allowed to repeat the IT when next offered and clear it prior to proceeding to the IT of the following year of study.
- 28.14 A student who fails in IT shall be required to repeat the IT when next offered and clear it prior to proceeding to the IT of the following academic year of study.
- 28.15 A student who fails a repeated IT shall be discontinued from studies.
- 28.16 A student who fails to complete part of the IT with compelling reasons shall be allowed to complete the missing part during the vacation prior to proceeding to the next academic year.
- 28.17 A student who conducts himself/herself at his place of IT attachment in a manner that disgraces the image of the University shall be subject to disciplinary action.
- 28.18 Assessment of Industrial Training shall be prescribed by Schools regulations.
- 29.0 **Progress from Year to Year**
- 29.1 Candidates who are full time students are required to pass a total minimum of 120 course credits in examinations in the academic year and attain a minimum overall GPA of 2.0 before proceeding to the following year of study.
- 29.2 A candidate may be allowed to carry over courses failed in Supplementary Examinations if he/she has attained an overall GPA of 2.0 or above in the First Sitting calculated in accordance with the credit weighting of individual courses.
- 29.3 To qualify for a degree award, the cumulative total minimum number of course credits shall be a multiple of the minimum number of course credits required per academic year for the duration of each degree programme. That is:
- a) For a three-year degree programme, it shall be a minimum of 360 credits
 - b) For a four-year degree programme, it shall be a minimum of 480 credits, and
 - c) For a five-year degree programme, it shall be a minimum of 600 credits
- 29.4 Subject to approval by Senate, the internal examination regulations of a School, academic Institute, shall provide for cumulative maximum number of course credits for which a candidate may register.

**SCHOOLS' UNDERGRADUATE EXAMINATION
REGULATIONS**

**EXAMINATION REGULATIONS FOR
UNDERGRADUATE PROGRAMMES IN THE
SCHOOL OF ARCHITECTURE,
CONSTRUCTION ECONOMICS AND
MANAGEMENT**

EXAMINATION REGULATIONS FOR UNDERGRADUATE PROGRAMMES IN THE SCHOOL OF ARCHITECTURE, CONSTRUCTION ECONOMICS AND MANAGEMENT

In addition to the University General Examination Regulations and Undergraduate Examinations Regulations, the following regulations will apply to the Undergraduate programmes in the School of Architecture, Construction Economics and Management.

A) SCHOOL REGULATIONS FOR THE PROGRAMMES OF BACHELOR OF ARCHITECTURE, BACHELOR OF SCIENCE IN INTERIOR DESIGN AND BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

1.0 Design Studio Project

- 1.1 Design Studio Project is the core course of B Arch, LA and ID. Any student who fails one of any semester design studio projects shall repeat and clear the failed course when next offered before proceeding with subsequent semester.
- 1.2 A student shall not be allowed to repeat the same design studio project more than once.
- 1.3 a) A student who repeats Studio project may register to pursue carryover courses that were approved by Senate
 b) Student who repeats Studio course in semester Two may sit for the supplementary examinations for the failed courses that were approved by Senate
 c) The student who repeat studio during Semester One will not be allowed to supplement course(s) that have failed because he has incomplete results
- 1.4 a) Assessment of design studio project for year 1 and 2, B. Arch, BSc.ID and Bsc.LA constitute 60% coursework (comprising 35 % from at least three interim studio presentations, 10% In semester field, 10% from 8 – hours timed studio exercise and 5% workshop for semester one) and (45 % from at least three interim studio presentations, 10% from 8 – hours timed studio exercise and 5% workshop for semester two).Final Examination which constitute 40% involves presentation of studio projects
 b) Assessment of design studio project for year 3 and 4 B. Arch and Year 3 BSc.ID and Bsc.LA constitute 60% coursework comprising 50% from at least three interim studio presentations, 10% In semester field for semester I and 60% from at least three interim studio presentations, for semester two. Final Examination which constitute 40% involves presentation of studio projects.
 c) Assessment of design studio project for Year 5 B.Arch and Year 4 BSc.ID, Bsc.LA constitute 60% from at least three interim studio presentations, and 40% Final Examination
- 1.5 Marking Criteria for Design Studio Projects for the B. Arch

Table 1.0: Design Studio Project I

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ability to understand physical form and lines	30		
Ability to understand proportions and scaling of objects	10		
Ability to compose orthographic projections	15		
Ability to compose three dimensional drawings (axonometric and Perspectives)	15		

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Architectural graphics	30		
Total 100	100		

Table 1.1: Design Studio Project II

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ergonomics of Space Anthropometrics	30		
Special requirements of human body at different postures	10		
Human circulation and movement pattern	20		
Awareness of simple domestic functions	10		
Response to climatic elements on design	10		
Architectural graphics	20		
Total 100	100		

Table 1.2: Design Studio Project III

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Programming of multifunctional project	10		
Applicable data collection and programming	5		
Site analysis, design options and alternatives	5		
Synthesis and arrival at design concept	20		
Degree of utility	15		
Creativity in form	15		
Attempt of possible design alternatives	15		
Integration with the context	5		
Perspective drawing and rendering 5	5		
Model making and presentation	5		
Total 100	100		

Table 1.3: Design Studio Project IV

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Analysis and application of the chosen structural system	20		
Attempt of possible design alternatives	20		
Co-ordination of architectural and specialist drawings	20		
Contents of working drawing and detailing	40		
Total	100		

Table 1.4: Design Studio Project V

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Project formulation and appraisal	10		
Decision making in concept development based on design objectives, principles (criteria) and philosophies	35		
Exploitation and diversity in building technology as expressed by selected structural systems, choices of construction materials and application of various systems of building services 3	30		
Environmental consciousness in - Climatic design - Environmental protection etc. - Use of natural forces ventilation, lighting etc.	10		
Design methodology and presentation techniques.	15		
Total	100		

Table 1.5: Design Studio Project VI

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Project formulation and appraisal	7		
Ability to do an independent research and observations of architectural related issues	20		
Decision making in concept development based on design objectives, principles (criteria) and philosophies	30		
Exploitation and diversity in building technology as expressed by selected structural systems, choices of construction materials, details and application of various systems of building services	25		
Environmental consciousness in Climatic design - Environmental protection etc. Use of natural forces ventilation, lighting etc.	10		
Design methodology and presentation techniques	8		
Total	100		

Table 1.6: Design Studio Project VII

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Identification and analysis of urban, physical and social problems necessary for consideration in design of an urban block	30		
Application of architectural, urban design and planning concepts in design	25		

Development and application of design/planning guidelines and their relevance in the block design	20		
The use of three-dimensional models in design process	15		
Presentation quality, coordination and relevance of contents to the project theme	10		
Total	100		

Table 1.7: Design Studio VIII

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Examination of a wide range of architectural and urban design factors and considerations at advanced level	30		
Correspondence between ideas and constraints at all stages of design development of a complex building	25		
Exploration of ideas and creativity in architecture as related to the immediate and extended physical development context	20		
The use of three-dimensional models in design process	15		
Application of materials, construction methods, and integration of services	5		
Consideration to site co-ordination	5		
Total	100		

Table 1.8: Design Studio Project IX

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Evidence of build ability by a well-articulated structural system.	30		
Creativity and innovative in running the project work as a consultant on his/her own.	20		
Evidence of applied advanced technologies and innovative building systems in the totality of project evolution through proper architectural detailing.	50		
Total	100		

1.6 Marking Criteria for Design Studio Projects for the BSc.ID.

Table 1.0 Interior Design Studio I

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ability to understand physical form and lines	30		

Ability to understand proportions and scaling of objects	20		
Ability to compose orthographic projections	20		
Design Graphics	30		
Total	100		

Table 1.2: Interior Design Studio II

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Anthropometrics, Ergonomics of Space and Human body requirements in interior spaces	30		
Understanding of basic interior design process	20		
Basic understanding of material choice and use for interior spaces	30		
Architectural & Interior Design Graphics	20		
Total	100		

Table 1.3: Interior Design Studio III

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Understanding of interior requirements, conceptualizing, analysis, synthesis and providing alternative solutions	30		
Composition of various aspects of interior space – plans, elevations, color scheme	30		
Creativity in functional, aesthetic, structural, environmental and artistic achievement	20		
Interior graphics and Model Making presentation	20		
Total	100		

Table 1.4: Interior Design Studio IV

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Interior composition, Spatial layout, construction and material detailing and specification	30		
Specification of surface finishes and fixtures– floor, walls, ceiling, cabinets, fixtures, ironmongery	30		
Co-ordination of interior design, services and specialist drawings	20		
Working drawing and detailing graphic presentation	20		
Total	100		

Table 1.5: Interior Design Studio V

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Project formulation and ability to develop design brief	20		

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Decision making in concept development based on diverse interior design factors – art, aesthetic, visual, comfort, functional, environmental, technical, physical and others	35		
Integration, application and the art of utilizing building services and technology in interior spaces	30		
Interior presentation graphics and techniques.	15		
Total	100		

Table 1.6: Interior Design Studio VI

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Project formulation and ability to develop design brief	20		
Ability to do an independent project analysis and formulating design solutions	30		
Decision making in concept development basing on design objectives, principles (criteria) and philosophies	30		
Design methodology and presentation techniques	20		
Total	100		

Table 1.7: Interior Design Studio VII

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Identification and analysis of interior design problems, synthesis and developing of alternative solutions. Developing of comprehensive design brief	30		
Critical analysis of site context and development of context-based design tools	25		
Compliance of design to social, economic, safety and environmental requirements (Coordination of building services, codes requirements, etc.)	15		
Development of working drawings to include material specification, Schedules (furniture, windows, doors, partitioning systems, accessories including lighting, plumbing, and decorative elements) and	20		
Presentation quality, graphics precision	10		
Total	100		

1.7 Marking Criteria for Design Studio Projects for the BSc.LA

Table 1.1: Studio Design Project I

Marking Considerations	Maximum Marks	Marks Awarded	Remarks
Ability to understand Landscape Architectural Graphics and Language	30		
Show understanding in proportions and scales of objects	25		
Show understanding of landscape modeling and the use of tools	15		
Express different landscape ideas through the landscape language	15		
Model making, presentation and communication skills	15		
Total	100		

Table 1.2: Studio Design Project II

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Awareness of problem solving through landscape design considering human requirements and space anthropometrics and ergonomics.	30		
Human circulation and movement pattern within the landscape.	20		
Response to climatic conditions and sustainability	15		
Awareness of integration of landscape elements to create human functional spaces.	20		
Landscape graphics, model making, presentation and communication skills	15		
Total	100		

Table 1.3: Studio Design Project III

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ability to understand, observe and analyse the project using design principles to integrate architectural and landscape architectural concepts in design.	30		
Awareness of integration of architectural and landscape elements to create proportioned and scaled human functional spaces within given context.	25		
Response to climatic conditions, sustainability, maintenance and environmental protection.	15		
Creativity in project approach and design alternatives.	15		
Landscape graphics, model making, presentation and communication skills	15		
Total	100		

Table 1.4: Studio Design Project IV

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Observation and analysis techniques of the site.	30		
Exploitation and diversity in a variety of landscape approaches and ideas as expressed by concept development, requirements, objectives and the setting of real community environmental issues.	20		
Consideration to site coordination of integrated services such as storm water management, utilities, site fittings and furniture etc.	20		
Working drawing contents and detailing of construction methods, planting techniques and fitting and furniture specifications.	15		
Landscape graphics, presentation and communication skills	15		
Total	100		

Table 1.5: Studio Design Project V

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ability to recognise theories, paradigms, concepts and principles of design and applying them to the design.	30		
Exploitation and diversity in landscape approaches and ideas as expressed by concept development, requirements, objectives and the setting of real community environmental issues.	25		
Consideration in material schedules i.e. planting palettes, material palettes, planting methods and techniques, constructions methods and techniques and details of planting and construction.	15		
Consideration to site coordination of integrated services such as storm water management, utilities, site fittings and furniture etc.	15		
Landscape graphics, presentation and communication skills	15		
Total	100		

Table 1.6: Studio Design Project VI

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Ability to recognise theories, paradigms, concepts and principles of design and applying them to the design.	30		
Ability to showcase an independent research and observations to landscape	20		

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
architectural related issues in the real world.			
Consideration in material schedules i.e., planting palettes, material palettes, planting methods and techniques, constructions methods and techniques and details of planting and construction.	20		
Environmental Consciousness e.g., environmental protection, project maintenance and sustainability, climatic design, the use of natural forces such as air ventilation and lighting to reduce energy consumption etc	15		
Landscape Graphics, presentation and communication skills	15		
Total	100		

Table 1.7: Studio Design Project VII

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
The level of understanding comprehensive landscape urbanism schemes such landscape master plans and land-use plans in design project.	30		
Correspondence between ideas and constraints at all stages of the design development.	20		
Environmental Consciousness e.g., environmental protection, project maintenance and sustainability, climatic design, the use of natural forces such as ventilation and lighting to reduce energy consumption etc	20		
Integration of systems on large scale such as waste management, storm water management, clean water, sewage systems etc in the design.	20		
Landscape graphics, presentation and communication skills	10		
Total	100		

2.0 Pre-Design Dissertation and Design Dissertation

- 2.1 A student shall be required to present and submit pre-design dissertation title on the 3rd week of the first semester of the fourth and fifth final year degree programmes respectively and obtain approval.
- 2.2 Pre- design dissertation shall be assessed at least three times as the Coursework Assessment (CA) as shall be programmed from time to time by the departments. The final written pre- design dissertation report shall be presented and submitted for assessment during the University Examinations sessions. The final Pre-dissertation presentation shall be marked in accordance with the following criteria:

Table 2.0: Marking criteria for presentation

Marking Consideration for Presentation	Maximum Marks	Marks Awarded	Remarks
Clarity in problem statement and comprehension and ability to define architectural problems	20		
Evidence and quality of literature review	20		
Display by researched material the ability to formulate an architectural project towards solving realistic community problems	40		
Validity and relevance of conclusions and Recommendations	10		
Report presentation quality	10		
Total	100		

Table 2.1: Marks distribution for University Examination presentation

Marking Consideration for Presentation	Maximum marks
Interim Presentation	60%
University Examination presentation	40%
- Final presentation (20%)	
- External reader (08%)	
- Supervisor (12%)	
Total	100%

- 2.3 A candidate who has not attained the Pre-Design Dissertation qualifications to sit for an Examination such as attending at-least five consultations with the supervisor shall NOT be allowed to proceed with Dissertation Course offered in the following semester: hence repeat.
- 2.4 Pre-Design Dissertation and Design Dissertation shall be assessed by at least three examiners in a minimum of three interim presentations as coursework and during the University Examinations.
- 2.5 A Pre- Design Dissertation may be passed subject to corrections. Any Pre- Design Dissertation passed subject to corrections shall be considered to be completed only when the errors/ mistakes/ shortfalls pointed out by the examiner(s) have been corrected to the satisfaction of the Department. Failure by the student to do so without compelling reasons before a date prescribed by the School shall cause the Pre- Design Dissertation to be failed.
- 2.6 A final year student who fails in a re-submitted Design Dissertation shall be required to repeat the subject under scheduled critique and presentation sessions.
- 2.7 A candidate who failed Pre-Design Dissertation Examination shall not be allowed to proceed with Dissertation Course offered in the following semester instead shall be required to repeat when next offered.

2.8 Marking Criteria for Design Dissertation

2.8.1 Pre-Design Dissertation

Table 2.2: Marking consideration for Pre-Design Dissertation

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Extent of defining architectural/landscape/interior research problems	20		

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Evidence and quality of literature review	20		
Display by researched material of ability to formulate an architectural project towards solving realistic community design problems	20		
Validity and relevance of conclusions and recommendations	20		
Report presentation quality			
Total	100		

Candidate (Name)
 Studio Master Name signature

Date:

Names and Signatures of other Assessors:

- 1.....
- 2.....
- 3.....

2.8.2 Design dissertation

Table 2.3: Marking consideration for Design Dissertation

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Display by graphics ability of advanced architectural communication skills	20		
Assimilation of the researched information/findings into a design project of a multi-functional complexity	20		
Display by a design scheme, evidence of advanced level of comprehensive resolution, exhibition of thorough understanding and a critical attitude towards a contemporary architecture.	40		
Level of originality and self-drive towards provision of practical solutions	20		
Total	100		

Candidate (Name)

Studio Master Name signature

Date:

Names and Signatures of other Assessors:

- 1.....
- 2.....
- 3.....

3.0 Portfolio Development

3.1 Portfolio Development shall be assessed by coursework and End of semester portfolio presentation/submission

- 3.2 A candidate who does not attain minimum requirements of 40% of portfolio development course shall re-submit. The Portfolio shall be resubmitted within academic year
- 3.3 A candidate who fails in resubmitted portfolio shall be required to repeat the course.

4.0 In- Semester Field Work

- 4.1 There shall be a 14 days in-semester field work for year 1 to 4 for B. Arch programme and year 1 to 3 for BSc. ID and BSc. LA programmes.
- 4.2 As a core part of Design Studio, in- semester fieldwork shall commence from the **seventh to tenth week** of semester one in order to inform the ongoing design studio project.
- 4.3 Assessment of the in- semester work will be by presentation of a report at the end of the field and will constitute 10% of the marks for continuous assessment of the Studio Design Project in Semester One.
- 4.4 A student who fails to attend in- semester fieldwork with compelling reasons shall be required to repeat the studio
- 4.5 A student who failed to attend in- semester fieldwork without compelling reasons shall fail the relevant design studio. In this case, Regulation 1.1 shall apply.

5.0 Industrial Training (IT)

- 5.1 There shall be six weeks industrial training for year 1 to 4 for B. Arch programme and year 1 to 3 for BSc. ID and BSc. LA programmes.
- 5.2 The Industrial Training (IT) shall be supervised by site supervisors and academic staff members with qualification of teaching from the school
- 5.3 Assessment of Industrial Training shall be through presentation of IT log books. Assessment of industrial training shall be through presentation of IT log books which contribute 60% of overall marks and the submitted report will constitute 40% of the overall marks
- 5.4 There shall be terms of reference for Industrial Training courses prescribing aims, expected outcomes, contents to be covered and assessment criteria for each year as prescribed in the respective curricular. The terms of reference together with the supervisor's confidential form shall be given to the student who will in turn avail the same to the supervisor in the respective IT attachment.

B) SCHOOL REGULATIONS FOR THE PROGRAMMES BACHELOR OF SCIENCE IN QUANTITY SURVEYING AND CONSTRUCTION ECONOMICS, BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT AND BACHELOR OF SCIENCE IN BUILDING SURVEYING AND CONSTRUCTION MAINTENANCE

1.0 Studio Work

- 1.1 Studio work contributes 25% of the total 40% coursework assessment in all courses that combine theory and studio work. This includes Building Construction (I,II,III,& IV), Building Services (I & II), Construction of Civil services infrastructure and Construction of transport infrastructure.
- 1.2 A student should pass studio before being allowed to sit for end of semester examination in all courses that combine theory and studio work. A student has to score at least 10 out of 25 (40%) of the studio in order to qualify for final exam.
- 1.3 Student who fails studio will not be allowed to sit for the end of semester exam for that specific course (s). S/he will be required to repeat studio when next offered to satisfy the minimum coursework requirement of 10/25. In the event she/he fails the studio work two (twice) times, she/he shall be discontinued.

2.0 Semester Project Work

- 2.1 Project work assigned to students shall be interdisciplinary and shall be assessed independent of other subjects.
- 2.2 a) Project work will comprise any task assigned to students by the department in the form of practical work and/or studio work to be carried out in groups.
 b) Assessment of project works shall comprise continue assessment, final oral presentation and final written project report.
 c) Continuous assessment shall account for 20% and final oral presentation for 30% whilst written report shall account for 50%, all leading to an overall or total assessment of 100%. Assessment criteria will be as seen in the Table 2.1.

Table 2.1 Interim Oral Presentation Assessment

Assessment criteria	Maximum marks
Interim oral presentations	20%
Final oral presentation	30%
Written project report	50%
Total	100%

- 2.3 For the purpose of continuous assessment, there shall be at least two interim oral presentations in each semester where semester project has been prescribed.
- 2.4 Continuous assessment shall be derived from group presentation involving all the group members giving a maximum score of 20%. Assessment criteria in arriving the 20% will be as seen in the Table 2.2.
- 2.5 Any group/individual that fails to attend a presentation shall have failed the continuous assessment and shall not be allowed to submit the final written work. Assessment of the missed continuous assessment will be treated as per University Examination Regulations.

Table 2.2 Breakdown of Assessment Criteria for Interim Oral Presentations in the Semester Project Work

Assessment criteria	Maximum marks
Presentation arrangement.	2
Time management	1
Relevance of the contents,	4
Language	3

Satisfactory answers to question raised	10
Total	20

- 2.6 a) Final project report shall be submitted in three (3) copies and handed to the department one day before university examinations begin and must be dully endorsed by the semester project supervisor(s).
 b) The presentation format of written semester project report shall conform to departmental guidelines on the presentation of semester project/dissertation reports
- 2.7 Final project work not submitted within specified period without compelling reason shall be regarded as absconded.
- 2.8 For the purpose of deriving the 30% indicated for the Final University Examination Oral presentation shall be awarded as indicated in Table 2.3.

Table 2.3 Breakdown of Assessment Criteria for Final Oral Presentation in the Semester Project Work

Assessment criteria	Maximum marks
Presentation arrangement.	2
Time management	1
Relevance of the contents,	4
Language	3
Satisfactory answers to question raised	20
Total	30

- 2.9 For the purpose of deriving the 50% indicated for the University Final Written works shall be awarded as indicated in Table 2.4.

Table 2.4 Written report assessment for project works

Assessment criteria	Maximum marks
Form and format of presentation	2
Language	4
Relevance of literature to the task	7
Citations in the literature	2
References used	3
Methodology (Approach)	5
Adherence to Task requirements	7
Abiding to principles	7
Critical comments and originality by the group	10
Conclusion and recommendations	3
Total	50

- 2.10 The oral presentations shall be assessed by at least three examiners in a minimum of two interim presentations as Continuous Assessment and during the University Examinations. Two examiners shall assess the written report.
- 2.11 A student who fails in Project Work shall carry the Project Work in the respective semester of the following academic year.
- 2.12 A candidate who fails a carried Project Work within the specified time without compelling reasons shall be considered to have discontinued from studies.

3.0 Industrial Training

- 3.1 Industrial training will comprise eight weeks in each academic year. Each student on IT shall be visited and assessed by an examiner from the School at least once during the IT period.

- 3.2 Students shall hand in his/her logbook to the Head of Department not later than two weeks after the commencement of the immediate academic year
- 3.3 Assessment of Industrial Training shall be based on the following three attributes:
- Student logbook assessed and signed by training officer of the organization training the student.
 - Confidential letter signed and stamped by the training officer.
 - Arrival and Departure note to be submitted along with the logbook.
 - Report by internal (University) supervisor.
 - Student final written report.
 - Oral presentation by the student.
- 3.4 A student who fails to submit any of the documents mentioned in 3.3 a, b, c and e within the time stipulated in the university regulations without compelling reasons shall be deemed to have absconded the Industrial Training course and shall be discontinued from studies.
- 3.5 The assessment of Industrial Training is made by aggregating marks of 10% External Supervisor (organization), 30% Internal Supervisor (staff member), 40% Internal Reader (for written work, logbook and report), 20% Final oral presentation as shown in the Table 3.1

Table 3.1 Industrial Training assessment

Assessment Criterion	Maximum marks
External Supervisor (organization)	10
Internal Supervisor (Staff member)	30
Internal Reader	40
Oral Presentation	20
Total	100%

- 3.6 Oral presentations shall be held within three weeks after the commencement of academic year.
- 3.7 A student who fails to appear for oral presentation without compelling reason shall be absconded and hence discontinued from studies.
- 3.8 For the purpose of deriving the 30% indicated for the Internal Supervisor (Staff member) shall award as indicated in Table 3.2.

Table 3.2: Internal supervisor assessment

Assessment Criterion	Maximum marks
Attendance	10
Frequency in writing weekly reports	2
Working relationship with the supervisor	2
Working relationship with the other workers	2
Relevance of the report already written	10
Proper filling of the Log Book	2
Use of Technical language	2
Total	30%

- 3.9 For the purpose of deriving the 40% indicated for the Internal Reader shall award as indicated in Table 3.3 referring to logbook and written report.

Table 3.3: Internal Reader Assessment

Assessment Criterion	Maximum marks
Relevance of the report to work done	15
Correlation of the work item, tools and work description	5
Proper filling of the Log Book	5
Use of Technical language	5
Total	40%

- 3.10 For the purpose of deriving the 20% indicated for the Internal Reader shall award as indicated in Table 3.4.

Table 3.4: Final oral presentation for industrial training

Assessment Criteria	Maximum marks
Presentation (Style, arrangement, relevance of the content, time management, language and appearance)	5
Individual basis: Oral examination of individual candidates. In this respect, each candidate shall be interviewed/ examined on the project work. Each candidate shall be asked at least three questions from the readers. Individual marks will be awarded based on the response to questions asked.	15
Total	20%

4.0 Dissertation

- 4.1 Each final year Semester II student(s) shall be required to submit a dissertation based on an independent study. Dissertations shall be written in Semester II under supervision of a Supervisor to be recommended by the Department within two weeks from the beginning of the year IV Semester II.
- 4.2 Students shall be required to present their dissertation proposal for approval by the department within the first two weeks of Semester II
- 4.3 Dissertation assessment shall be made through interim oral presentations as continuous assessment, final oral presentation and written dissertation report
- 4.4 Continuous assessment shall account for 20% and University Dissertation Examination comprising an oral presentation accounting for 30% and examination of the dissertation report accounting for 50% as indicated in Table 4.1.

Table 4.1: University Examination Assessment for Dissertation

Assessment Criteria	Maximum marks
Interim oral presentations.	20
Final oral presentation	30
Written project report	50
Total	100%

- 4.5 For the purpose of deriving the 20% for the continuous assessment, two oral presentation shall be conducted, the assessment format will be as indicated in Table 4.2

Table 4.2: Interim oral Presentation for Dissertation

Assessment Criteria	Maximum marks
Presentation arrangement.	2
Time management	1
Relevance of the contents	4
Language	3
Satisfactory answers to question raised	10
Total	20%

- 4.6 For the purpose of deriving the 30% indicated for the University examination Oral presentation shall be assessed by panel of minimum of three staff members and marks awarded as indicated in Table 4.3.

Table 4.3: Final oral Presentation for Dissertation

Assessment Criteria	Maximum marks
Presentation arrangement.	2
Time management	1
Relevance of the contents,	4
Language	3
Satisfactory answers to question raised	20
Total	30%

- 4.7 For the purpose of deriving the 50% indicated for the University Final Written works shall be awarded as indicated in Table 4.4

Table 4.4: Final written work assessment

Name of Student			
S/Nr	Category	Comment	Marks
1	Background information and literature review		10
2	Methodology		10
3	Data presentation and analysis		15
4	Conclusion and recommendation		10
5	Citation and referencing		5
	Total		50%

- 4.8 Students must submit draft dissertation to their supervisors for endorsement before submission of loose bound copies to the department.
- 4.9 Unsatisfactory progress in dissertation shall mean failure by the candidate to fulfil a minimum requirement of five (5) consultations with supervisor(s) in the semester in which the Dissertation is scheduled and/or failure by the candidate to affect the required improvement on the draft written report as evident in the consultation monitoring forms whereas;
- The Dissertation supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
 - A copy of the dissertation consultation form shall be held by both the supervisor/s and the student.
 - All such cases of unsatisfactory progress in dissertation shall be reported to the Dean two weeks prior to the start of Semester University Examinations.
 - If no such case is reported as in (c) above, the dissertation report shall be endorsed by the supervisor and accepted for submission.
- 4.10 Loose bound dissertations must be submitted in three copies before the final presentation.
- 4.11 Any dissertation which is not submitted within the specified period of time without compelling reasons shall be penalized by deduction two (2) actual marks for each day the dissertation is not submitted. Deduction shall be made to the maximum of five working days after which shall be deemed to have absconded examination.
- 4.12 Each dissertation report shall be marked by the two internal examiners appointed by the Head of the department.
- 4.13 Any dissertation which is passed subject to corrections shall be considered to have been completed only when all mistakes pointed out by examiners have been corrected and endorsed by the supervisor
- 4.14 A student who fail in dissertation shall be given maximum period of three months to re-submit from the date the senate approval examination results.
- 4.15 Re-submission of dissertation shall be regarded as supplementary examination which shall be subject to university examination regulation

- 4.16 A candidate who fails in the re-submission of a dissertation shall be required to repeat the course when next offered
- 4.17 The final error free dissertation report shall be submitted in two (2) copies. The format of dissertation report shall conform to school guidelines.
- 4.18 Failure by the student to correct the errors/mistakes/shortfalls pointed out by the examiner(s) in the Dissertation report, without compelling reasons, within three weeks after the results approved by senate shall be deemed to have absconded examination and shall be discontinued from studies

5.0 Construction Drawings/Computer Aided Designs

- 5.1 Continuous assessment for Construction Drawings/Computer Aided Designs shall be awarded out of 60% of the total and final assessment 40% all leading to an assessment of 100%.
- 5.2 For the purpose of continuous assessment, there shall be at least Six exercises.
- 5.3 A student with less than six exercises of the continuous assessment with compelling reasons shall be barred from proceeding with university examination of the same course and shall repeat the course in the next subsequent academic year. Those without compelling reasons shall be regarded to have absconded the course and hence be discontinued from studies.
- 5.4 The assessment of Construction Drawings/Computer Aided Designs exercises shall be based on evaluation of drawing work and student understands of the subject matter using the format and marking criteria as indicated in table 5.1.
- 5.5 A student who fails to get the minimum of 40% (C) shall be required to re-submit within 3 months from the date of publication of provisional results. A candidate who fails to resubmit within the required time shall be discontinued due to abscondment of studies, while a candidate who fails after resubmission shall repeat course.

Table 5.1: Construction Drawings/Computer Aided Designs work assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format and arrangement of drawing components (views, choice of scale, dimensions etc.)	20		
Content (correctness of concept and practicability) and completeness of requirements for a drawing.	25		
Neatness, correct choice of pen sizes for different uses, lettering quality, clarity, etc.	20		
Overall understanding of elements of engineering drawing	35		
Total	100		

**EXAMINATION REGULATIONS FOR
UNDERGRADUATE PROGRAMMES IN THE
SCHOOL SPATIAL PLANNING AND SOCIAL
SCIENCES**

EXAMINATION REGULATIONS FOR UNDERGRADUATE PROGRAMMES IN THE SCHOOL SPATIAL PLANNING AND SOCIAL SCIENCES

In addition to University General Examination Regulations and Undergraduate Examinations Regulations, the following regulations will apply to the undergraduate programmes in the School of Spatial Planning and Social Sciences.

1.0 Studio Projects

- 1.1 The teaching philosophy for the BSc. URP, BSc. RDP & BSc. HIP shall be project-centred using studio in terms of teaching and learning.
- 1.2 A student pursuing BSc. URP, BSc. RDP & BSc. HIP shall be required to go for in-semester fieldwork in semester I and II, except semester II of the final year.
- 1.3 Assessment for studio shall be based on 60% coursework, 40% UE (20% timed studio examination and 20% final studio presentation). Assessment criteria for continuous assessment, Times studio and final studio presentations shall be as provided in section 1.5(a), 1.5(b) and 1.5(c) respectively.

1.4 (a) **Table 1: Assessment of studio course work (CA) shall be as follows:**

Assessment Criteria	Maximum marks
Quality of literature review and data collection tools (Pre fieldwork)	10%
Quality of collected field data and data analysis (Fieldwork)	20%
Report/Plan proposals' realism and comprehensiveness/presentation quality (Post fieldwork)	30%
Total	60%

- 1.4 (b) Timed Studio Examination shall be conducted on the last day of teaching session in each academic semester. The duration for Timed studio examination shall have a maximum of 8 hours constituting 20%. Marking of the same shall be guided by marks indicated on the vetted examination paper .

1.4 (c) **The assessment final studio presentation shall be as follows:**

Assessment Criteria	Maximum marks
Understanding/knowledge	5%
Skills	10%
Competence	5%
Total	20%

1.4 (d) **Submission of studio Report**

- (i) First studio report shall be submitted for examination in the last week of teaching session for final studio presentation
- (ii) The final Studio report shall be submitted upon incorporation of the comments provided during final studio presentation and the report shall be submitted to the HoD within seven (7) days after completion of semester examination in the respective year.
- (iii) Students who fail to submit the final studio report shall be considered to have Incomplete Results
- 1.5 There shall be in-semester field work of at least 10 days as a basis for studio projects. In-semester field work shall commence at least the 6th week of the semester of study.

- 1.6 A student(s) who does not fully attend in-semester fieldwork with compelling reasons shall be considered to have incomplete coursework, and therefore shall repeat the respective Studio subject when it is next offered.
- 1.7 A student(s) who does not attend in-semester fieldwork without compelling reasons shall be considered to have absconded the course, and therefore shall be discontinued.
- 1.8 A student who fails in either Semester I or II Studio shall repeat and clear the failed course. Such a student(s) shall repeat studio when it is next offered before proceeding to subsequent semester.
- 1.9 A student shall be required to clear the incomplete or failed Studio before proceeding to subsequent Studio (Pre-requisite course).
- 1.10 A student shall not be allowed to repeat the same studio project more than once
- 1.11 A student who repeats studio course may also register to take carryover courses that were approved before the year of the failed studio course. The failed courses in the year of failed studio shall not be applicable.
- 1.12 The results of studio subjects shall be approved in each semester as Pre-requisite course.

2.0 Project /Practical courses

- 2.1 There shall be project/Practical course for students registered for BAE and CDS programs.
- 2.2 Students registered for BAE and CDS shall undertake non-prerequisite projects. Continuous assessment in the Project/practical courses shall comprise assessments of oral presentations, participation in group work, and consultation with supervisors
- 2.3 For the purpose of continuous assessment, there shall be two oral presentations for project work in which the subject is offered.
- 2.4 Continuous assessment for project work shall account for 60% whereas the university examination (UE) shall account for 40%. The CA shall be distributed by assigning 40% for oral presentations and 20% for written works. The UE shall be distributed by assigning 25% for written report and 15% for oral presentation.
- 2.5 Three (3) loose bound copies of project work report shall be handed in to the Department two days before University Semester Examinations start. Final project work report not submitted within specified period without compelling reasons for both continuing and finalist shall be regarded to abscond and hence discontinued from studies.
- 2.6 Project work report shall be word processed in 1.5 spaced A 4 sheets, Times new roman with Font 12, well bound and submitted in two copies. The main body shall contain between 40 and 70 pages
- 2.7 The final assessment of project work shall comprise of oral presentation and written group work.
- 2.8 Assessment of Project work
 (a) The assessment sheet for oral semester project presentation: Shall have the following format.
1. Group No.
 2. Name of Student
 3. Registration number.....
 4. Project title

- 5. Name of Examiners.....
- 6. Date

2.9 **Table 2.1. Coursework Assessment**

Assessment Criteria	Maximum marks
Quality of literature review and facts	10%
Quality of facts and analysis	20 %
Plan realism and comprehensiveness /presentation quality	30%
Total	60%

Table 2.2 Final presentation assessment

Assessment Criteria	Maximum marks
Understanding/knowledge	5%
Skills	10%
Competence	5%
Total	20%

Table 2.3: The assessment sheet for the written report

Assessment Criteria	Maximum marks
Understanding/knowledge	5%
Skills	10%
Competence	5%
Total	20%

- 2.10 The final assessment during university examinations shall be made by a panel of at least three examiners.
- 2.11 Each student shall pass the final oral presentation by scoring at least 40% of the final oral presentation marks. Where a student is deemed to have failed the final oral presentation, he/she has failed the entire project course. The failed project course shall be carried when next offered in the subsequent academic year. Additionally, no appeal shall be allowed to the failed project course
- 2.12 A Semester Project may be passed as it is, outright failed or passed subject to corrections.
- 2.13 Any Semester Project, which is passed subject to corrections, shall be considered to be completed when all errors/mistakes/shortfalls pointed out by the examiners have been corrected, and two (2) acceptable hard bound project reports, endorsed by at least one of the supervisors are submitted to the Head of Department. Failure by students to do so without compelling reasons before the scheduled date for the Examiners Board meeting shall cause the project to be failed
- 2.14 A student(s) who does not fully attend in project work/ practical course sessions with compelling reasons shall be considered to have incomplete course, and therefore shall repeat the respective practical course when it is next offered
- 2.15 A student(s) who does not attend in project work/ practical course sessions without compelling reasons shall be considered to have absconded the course, and therefore shall be discontinued.

3.0 Dissertation I/Project paper I

- 3.1 In the final year semester, I, each student shall be required to develop a Dissertation Proposal (Dissertation I/Project Paper I) and get it approved by the department. Dissertation I/Project Paper I shall be assessed three times as Coursework Assessment (CA) as shall be programmed from time to time by the departments. The final written dissertation proposal shall be submitted for assessment during the University Examinations session.

- 3.2 As per University Regulation a candidate who has been barred from sitting for Dissertation I/Project Paper I Examination shall NOT be allowed to proceed with Dissertation Course/ Project Paper offered in the following semester.
- 3.3 There shall be **four** presentations (**1 unmarked** and (3) marked) that programmed from time to time by the departments for Dissertation I/Project Paper I/ Proposal as follows: -

Table 3.1: Assessment criteria for Unmarked presentation

Presentation s	Coverage
I	Research idea
II	Title, research problem, hypothesis/ objectives, research questions, and significance/justification of study
III	Literature review and conceptual/theoretical framework
IV	Methodology

- 3.4 Failure to appear in any of the presentations without compelling reasons shall constitute an abscondment and be discontinued from studies.
- 3.5 Submission of the final report of Dissertation I/Project Paper I/ Proposal should be supported by a satisfactory at least five (5) consultation attendance with the supervisor.
- 3.6 For the purpose of submission of final report of the Dissertation, I/Project Paper I research proposal the candidate must obtain the supervisor's endorsement whereas;
- a) Any student who fails to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course;
- b) All cases of unsatisfactory progress in the Dissertation I/Project Paper I must be reported by the supervisor to the Head of Department two weeks prior to the start of the Semester examinations;
- c) All Dissertation I/Project Paper I research proposals that are not reported to be associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.
- 3.7 A student with unsatisfactory consultation in the Dissertation I/Project Paper I/Proposal courses shall be barred and repeat it when next offered.
- 3.8 Unsatisfactory progress in Dissertation I/Project paper I shall mean failure by the candidate to conduct a minimum of 5 consultations with his/her supervisor(s) in the semester in which the Dissertation I/Project paper I is scheduled and/or failure by the candidate to effect required improvements on a draft written report as evident in the consultation monitoring form whereas;
- a) The Dissertation I/Project paper I supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
- b) A copy of the Dissertation I/Project paper I consultation form shall be held by both the supervisor/s and the student.
- c) All such cases of unsatisfactory progress in Dissertation I/Project paper I shall be reported to the Dean two weeks prior to the start of Semester University Examinations.
- 3.9 (a) The final written Proposal/ Dissertation I/ Project Paper proposal shall be submitted for assessment **not later than the last day of the University Examinations sessions.**
- 3.9 (b) A student(s) who does not submit the written Proposal/ Dissertation I/ Project Paper proposal without a compelling reason shall be considered to have absconded the course, and therefore shall be discontinued

Table 3.4: Assessment criteria for third marked oral presentation (Dissertation I/Project Paper I) - 20%

SN	Candidates Name	Response to remarks on third presentation	Comprehension of the issues	Description and justification of study area	Research design & sampling	Methods/ data collection tools	Data processing and analysis	Total	Marks awarded
	Marks	10	20	20	20	20	10	100	

Table 3.5: Criteria for assessment of written Dissertation I/Project Paper I - 60% (marked by supervisor)

SN	Candidates Name	Title/topic	Background & Statement of the problem	Research objectives & Research questions	Literature review	Conceptual framework	Methodology	Organization of the report	Citation and references	Consultation with supervisor	Total	Marks awarded
	Marks	05	15	10	20	10	15	08	10	07	100	

- 3.11 A student who fails pre-dissertation shall not be allowed to proceed with the Dissertation course offered in Semester II.
A student who fails dissertation I/project paper I shall be required to repeat the failed course when next offered.
- 3.12 (a) A student, who passes a repeated dissertation I/project paper I shall be required to proceed with the Dissertation course offered during Semester II

(b) A student, who fails a repeated dissertation I/project paper I, shall be discontinued from studies.

4.0 **Dissertation II (BSc. URP/BSc. HIP/BSc. RDP); PROJECT PAPER II (BA. CDS); Dissertation (BAE)**

4.1 In the final year semester II, each student shall be required to extend his/her dissertation proposal (Dissertation I/Project paper I) into Dissertation II/Project paper II and produce a final dissertation report

4.2 There shall be two (2) marked presentations which will constitute coursework for the subject. First presentation shall focus on data analysis and findings, second presentation shall focus on the comprehensive dissertation report.

4.3 The two oral presentations shall carry a total mark of 40% distributed equally, each carrying 20%. The assessment criteria shall be as per Table 2.5

Table 3.6: Assessment criteria of fourth oral presentation (Dissertation II/Project Paper II)

S/N	Assessment Criteria	Points (%)
1	Understanding of the topic and self-expression	3
2	Methodology	4
3	Data analysis	5
4	Graphical presentation	3
5	Conclusions and recommendations	3
6	Originality and contribution to the profession	2
7	Total	20

4.4 Students shall **submit two loose/spiral bound reports and soft copies** to the head of department in 15th week the day end of teaching

4.5 Submission of the final report of Dissertation II/ Project Paper II/ Dissertation should be supported by a consultation form confirming satisfactory consultation with the supervisor, whereas:

a) Failure by the student to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course;

b) All cases of unsatisfactory progress in the course Dissertation must be reported by the supervisor to the Head of Department two weeks prior to the start of the Semester University examinations;

c) Any Dissertation report that is not reported as being associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.

4.6 A student with unsatisfactory consultation shall be barred from UE as per the University General Examination Regulation, hence, shall repeat the course when next offered.

4.7 During semester II University examination for Dissertation II/ Project Paper II, there shall be oral presentation which carries 28% based on the assessment criteria as stipulated in Table 2.6.

Table 3.7: Assessment criteria of UE presentation (Dissertation II/Project Paper II)

S/N	Assessment Criteria	Points (%)
1	Understanding of the topic and self-expression	6
2	Methodology	4
3	Data analysis	4
4	Graphical presentation	6
5	Conclusions and recommendations	4
6	Originality and contribution to the profession	4
7	Total	28

- 4.8 A student who fails to submit three copies of the loose/spiral bound reports to the head of department before the commencement of Semester II examinations shall be deemed to have absconded the course, hence shall be discontinued from studies.
- 4.9 Assessment of the written Dissertation II/ Project Paper II/ Dissertation carries a total mark of 42% based on assessment criteria as stipulated in Table 3.8.

Table 3.8: Assessment of written dissertation (Dissertation II/ Project Paper II)

S/N	Assessment Criteria	Points (%)
1	Presentation format (language, graphic communication and structural organization of the report)	12
2	Literature review	5
3	Conceptual framework	5
4	Empirical bases (results)	6
5	Data processing and analysis	6
6	Conclusions and recommendations	5
7	Originality and contribution to the profession	3
	Total	42

- 4.10 Assessment of final written dissertation shall determine acceptability and passing of the candidate. A candidate who scores below grade C shall be deemed to have failed Dissertation II/ Project Paper II and shall resubmit
- 4.11 Re-submission of Dissertation II/ Project Paper II/ Dissertation shall be regarded as a supplementary examination. In that case the maximum grade that can be awarded is C.
- 4.12 A student who fails the resubmitted Dissertation II/Dissertation/ Project Paper II shall be required to repeat the subject once next offered in the subsequent year.
- 4.13 The Loose/spiral bound dissertation II/Project paper II must be submitted a week before the commencement of the university examinations. Any dissertation not submitted within the specified period of time without compelling reasons shall be penalized by deducting two actual marks for each day the dissertation is not submitted. Deduction shall be made to a maximum of five working days after which it shall be deemed to have discontinued from studies.
- 4.14 A student who fails in dissertation II/ Project paper II shall be given a maximum of three months from the date the Senate approved the results to re-submit the dissertation.

5.0 Industrial Training Regulations

- 5.1 There shall be Industrial Training at the end of second semester university examination session in each academic year as prescribed in each curriculum.
- 5.2 Each student on IT shall be visited and assessed by an examiner from the school at least once during the IT period.
- 5.3 Criteria for assessment shall be as follows:

Assessment of Industrial Training shall be awarded marks as follows:

Assessment Criteria	Maximum marks
Student logbook, which is verified and assessed by the external (organization) Supervisor	20%
The assessment report of the internal (University) supervisor	20%
The student's final report and presentation before a panel	60%
Total	100

- 5.4 Any Student who does not hand in IT logbook to the Head of Department with compelling reasons, shall repeat/clear the IT prior to continuing with succeeding IT of the next academic year.
- 5.5 Any Student who does not hand in IT logbook to the Head of Department within two weeks since the commencement of a new academic year without compelling reasons, shall be regarded to have absconded the IT and shall be discontinued from studies.
- 5.6 A student who does not report at IT allocated place without compelling reasons shall be regarded to have absconded the IT and shall be discontinued from studies
- 5.7 A student who does not report at IT allocated place with compelling reasons, shall repeat/clear the IT prior to continuing with succeeding IT of the next academic year
- 5.8 Where First year IT is being conducted at ARU, assessment of logbooks and report/output will be combined and assessed by the supervisors (40%) and the remaining (60%) before a panel.
- 5.9 Students shall hand in his/her logbook to the Head of Department not later than two weeks after the commencement of the subsequent academic year.
- 5.10 A student who fails in IT shall be required to repeat the IT when next offered and clear it prior to proceeding to the IT of the following academic year of study.
- 5.11 A student who fails a repeated IT shall be discontinued from studies

**EXAMINATION REGULATIONS FOR
UNDERGRADUATE PROGRAMMES IN THE
SCHOOL OF EARTH SCIENCES, REAL ESTATE,
BUSINESS AND INFORMATICS**

EXAMINATION REGULATIONS FOR UNDERGRADUATE PROGRAMMES IN THE SCHOOL OF EARTH SCIENCES, REAL ESTATE, BUSINESS AND INFORMATICS

In addition to the University General Examination Regulations and Undergraduate Examinations Regulations, the following regulations will apply to the Undergraduate programmes in the School of Earth Sciences, Real Estate, Business and Informatics.

School General Undergraduate Examination Regulations

1.0 Taught Courses

- 1.1 Taught courses shall be evaluated through continuous assessment and final examinations. Continuous assessment accounts for 40% and final University Examinations 60% of the total 100% marks.
- 1.2 Continuous assessment of taught courses shall comprise timed tests and homework. For the purpose of continuous assessment;
 - a) Timed tests shall be written or oral.
 - b) In each semester there shall be at least two tests under examination conditions; and at least two homework or practical exercises, or a combination thereof per course.
 - c) In case Continuous assessment involves questions or thematic reading areas for oral examinations, such questions or thematic areas shall be pre-determined and made available to students a-prior examination.
 - d) Students who miss assignments/tests or any other type of Continuous Assessment shall be required to provide evidence such as excuse on duty (E.D.) from the University Dispensary or permission from the Head of Department to the effect that satisfactorily justify their absence to qualify for special test/assignment.
 - e) Any student who for compelling reason as (d) fails to sit for any test/assignment, presentation or any other assessed activity of a taught course shall be given an opportunity to sit for the missed CA assessment before the start of university examination.
 - f) Any candidate who fails to observe (d) and (e) shall be deemed to have absconded examinations.
- 1.3 For the purposes of oral examination for continuous assessment of taught courses:
 - a) Examination panel shall comprise at least two examiners;
 - b) The assessment shall be based on the contents and/or responses of the candidates;
 - c) The final mark shall be the average of the scores awarded by the members of the examination panel;
- 1.4 There shall be a minimum of two take home assignments and two written tests under examination conditions per semester for any Taught Course. Written tests shall carry a weight of two (25%) against a weight of one (15%) for assignments, all leading to a total assessment of 40% marks.
- 1.5 At least one test shall be in form of written examination
- 1.6 Tests as part of continuous assessment shall be conducted during such time as specified in the University Almanac.
- 1.7 Assignments, practical, essays, reports or/and any combination thereof as part of continuous assessment shall be submitted to the respective course lecturer prior to the start of Semester University Examinations
- 1.8 Examinations of courses involving caseworks shall be conducted during the last week preceding University Semester.

2.0 Semester Project

- 2.1 For the purpose of continuous assessment in Semester Projects, there shall be a minimum of two assessed oral presentations of Semester Project in the semesters in which the course is offered. The final Semester Project assessment shall be held, at the latest, a week before the University examinations commence
- 2.2 The assessment of Semester project shall be made through continuous assessment (interim oral presentations) and final examination (final oral presentation and written semester project report).
- 2.3 Three loose bound written Semester Project reports from each candidate or group of candidates shall be handed in to the Head of department the last day of teaching session preceding the University examinations. Students who fail to observe this rule without compelling reasons shall be deemed to have absconded examination and therefore be discontinued from studies.
- 2.4 For the purpose of submission of final report of the Semester Project the candidate must obtain the supervisor's endorsement whereas;
- a) Any student who fails to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course; and such student shall be barred from final examinations and shall repeat the whole course when next offered
 - b) Any student who is barred as per GUER 3.4 shall be informed by the Dean one week before the start of the University examinations
 - c) All cases of unsatisfactory progress in the course Semester Project must be reported by the supervisor to the Head of Department two weeks prior to the start of the Semester examinations.
 - d) Failure to attain at least five consultations from the supervisor (s) as per consultation form shall be deemed to have unsatisfactory progress.
 - e) Signed consultation form shall be submitted to the Head of department together with the final semester project report before the start of University Examinations.
 - f) All Semester Project Report that are not reported to be associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.
- 2.5 The Semester Project report shall be word-processed using any text processor (Ms. Word, LaTeX, Markdown, Overleaf) 1.5 spaced on A-4 sheets, font size 12, font type Times New Roman, margins should be 2.5 cm on top and left margin and 1 cm on the right and bottom margins. The main body shall contain between 30 and 50 pages.
- 2.6 The Semester Project Report shall be examined by at least two examiners; one of them shall be the supervisor.
- 2.7 A panel of at least three examiners, one of whom shall have the requisite competence in the subject, shall assess the final oral Semester Project presentation of the University Examination
- 2.8 Any examined Semester Project report which upon assessment by examiners requires any corrections, shall be considered to be completed and dully submitted only when all the errors/mistakes/shortfalls pointed out by the examiner(s) have been corrected to the satisfaction of the Supervisor/s; and two hard bound copies of the Report, signed by the supervisor(s) is submitted to the Department.
- 2.9 Failure by a student to correct the errors/mistakes/shortfalls pointed out by the examiner(s) in the Semester Project report, without compelling reasons before the start of departmental examiners board meetings shall cause the results to be withheld until the first three weeks of a new semester beyond which shall be regarded as an abscondment and hence discontinued from studies.
- 2.9 Continuous assessment in Semester Project shall comprise oral presentation, participation in group work, and consultation with supervisor(s), as the case may be in each department
- 2.10 For the purpose of continuous assessment, there shall be at least two oral presentations of project work for each class doing semester project.

- 2.11 (a) Continuous assessment marks shall be derived from group presentation involving all members of the group as well as from individual interview before a panel of examiners.
 (b) Oral presentation marks shall be deliberated on a panel of examiners for the final marks
- 2.12 Unless specified otherwise in the programme specific regulations, any student who fails in semester project shall be required to repeat the course when next offered.

3.0 Pre-dissertation

- 3.1 During Semester I, each Final Year, Student shall be required to undertake a Pre-dissertation course in which they will be required to develop a Dissertation Proposal in consultation with members of staff in their respective department and have it approved by that department.
- 3.2 Passing a Pre-dissertation course shall be a pre-requisite for proceeding to the Dissertation course offered in Semester two of final year
- 3.3 Pre-Dissertation shall be assessed by means of oral presentations and written proposal which shall contribute to the Continuous Assessment (CA) and the University Examination (UE). The CA shall account for 40%, and the UE shall account for 60%; all leading to an assessment of 100%.
- 3.4 The CA for Pre-dissertation shall constitute three oral presentations;
- a) First CA oral presentation shall be conducted in the third week of Semester I to evaluate the relevance, scope and feasibility of the proposed topic and assign supervisor(s) to the student(s). The student will not be awarded any marks from this presentation
 - b) Second and Third CA oral presentations assessment shall each account for 20% of the total continuous assessment to be conducted for each candidate or group within the respective semester.
- 3.5 The UE for the Pre-dissertation shall constitute the final examination oral presentation and a fully developed and written dissertation proposal as a prerequisite for the Dissertation course offered in semester II.
- 3.6 Three loose bound written Semester Project reports from each candidate or group of candidates shall be handed in to the Head of Department on the last day of teaching session of a semester prior to the start of the University examinations. Students who fail to observe this rule without compelling reasons shall be deemed to have absconded examination and therefore be discontinued from studies.
- 3.7 For the purpose of submission of final report of the Pre-dissertation research proposal the candidate must obtain the supervisor's endorsement whereas;
- a) Any student who fails to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course;
 - b) All cases of unsatisfactory progress in the course Pre-dissertation must be reported by the supervisor to the Head of Department two weeks prior to the start of the Semester examinations;
 - c) All Pre-dissertation research proposals that are not reported to be associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.
- 3.8 Unsatisfactory progress in Pre-dissertation shall mean failure by the candidate to conduct a minimum of 5 students/staff consultations in the semester in which the Pre-dissertation is scheduled and/or failure by the candidate to effect required improvements on a draft written report as evident in the consultation monitoring form whereas;
- a) The Pre-dissertation supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
 - b) A copy of the Pre-dissertation consultation form shall be held by both the supervisor/s and the student.
 - c) All such cases of unsatisfactory progress in Pre-dissertation shall be reported to the Dean two weeks prior to the start of Semester University Examinations.

- 3.9 A student who fails pre-dissertation shall not be allowed to proceed with the Dissertation course offered in Semester II. The student shall be required to repeat pre-dissertation when next offered.
- 3.10 A student who is barred from a Pre-Dissertation University Examination under UGER shall be required to repeat the course when next offered.
- 3.11 A student, who passes a repeated pre-dissertation shall be required to proceed with the Dissertation course offered during Semester II
- 3.12 A student, who fails a repeated pre-dissertation, shall be discontinued from studies.

4.0 Dissertation

- 4.1 Each final year student shall be required to carry out the study for the approved title and submit a dissertation report during Semester II of the final year of study.
- 4.2 In the second week of the second Semester of Final year, each student shall be required to submit a dissertation proposal of the quality accepted by the department. In this regard, students shall if so required by the respective department, execute the research proposal prepared in the course Pre-dissertation offered in Semester I of the final year of study.
- 4.3 Unsatisfactory progress in dissertation shall mean failure by the candidate to conduct a minimum of 5 consultations with supervisor(s) in the semester in which the Dissertation is scheduled and/or failure by the candidate to affect the required improvement on the draft written report as evident in the consultation monitoring forms whereas;
 - a) The Dissertation supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
 - b) A copy of the dissertation consultation form shall be held by both the supervisor/s and the student.
 - c) All such cases of unsatisfactory progress in dissertation shall be reported to the Dean two weeks prior to the start of Semester University Examinations.
 - d) If no such case is reported as in (c) above, the dissertation report shall be endorsed by the supervisor and accepted for submission.
- 4.4 Dissertation shall be assessed three times; twice within the semester during which it is conducted and once during the University Examinations. The first two assessments (oral presentations) shall constitute continuous assessment at 40%. The final assessment during the university examination shall account 60% comprising of oral presentation at 20% and a written dissertation report at 40%.
- 4.5 Three loose bound of written Dissertation reports from each candidate shall be handed in to the Head of Department by the last day of teaching session preceding the University examinations whereas;
 - a) Any dissertation which is not submitted within the specified period of time without compelling reasons shall be penalized by deduction two (2) actual marks for each day the dissertation is not submitted.
 - b) Deduction shall be made to the maximum of five working days after which shall be deemed to have absconded examination.
- 4.6 For the purpose of submission of final report of the Dissertation for examination, each candidate must obtain the supervisors' endorsement whereas:
 - a) Failure by the student to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course;
 - b) All cases of unsatisfactory progress in the course Dissertation must be reported by the supervisor to the Head of Department two weeks prior to the start of the Semester University examinations;
 - c) Any Dissertation report that is not reported as being associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.
- 4.7 A panel of at least three examiners shall assess all oral presentation as specified in respective degree programmes
- 4.8 Any examined Dissertation report which upon assessment by examiners in the final presentation requires any corrections, shall be considered to be completed and dully submitted only when all the errors/mistakes/shortfalls pointed out by the examiner(s)

have been corrected to the satisfaction of the Supervisor/s; and two hard bound copies of the Report, signed by the supervisor(s) is submitted to the Department.

- 4.9 Failure by the student to correct the errors/mistakes/shortfalls pointed out by the examiner(s) in the Dissertation report, without compelling reasons, within three weeks after the final assessment of the Dissertation shall be deemed to have absconded examination and shall be discontinued from studies.
- 4.10 A student who fails in Dissertation shall be given a maximum period of three months to re-submit from the date the Senate approves examination results.
- 4.11 Re-submission of a dissertation shall be regarded as a supplementary examination, which shall be subject to University General Examination Regulations.
- 4.12 A candidate who fails in the re-submission of a Dissertation shall be required to repeat the course when next offered.

5.0 Industrial Training

- 5.1 Unless otherwise specified in these regulations, Industrial Training shall be conducted as per the University Undergraduate General Examination Regulations (UGER)
- 5.2 Assessment of the oral presentation of the Industrial Training shall involve individual students. A group of students sharing the IT placement and thus the work done during the IT may be allowed to deliver a group oral presentation which shall be followed by individual oral assessment of students constituting the group before a panel of examiners.
- 5.3 The filled logbook and written report shall be submitted to the Head of the Department within the first two weeks following the commencement of semester one. Students who fail to observe this rule without compelling reasons shall be deemed to have absconded examination and shall be discontinued from studies.
- 5.4 Only logbooks assessed/verified by the on-site supervisor shall be accepted for the UE. Any candidate whose logbook is not assessed by the onsite supervisor/s shall be treated as not having attended Industrial Training hence absconded Industrial Training and therefore be discontinued from studies.
- 5.5
 - a) The Industrial Training reports shall be submitted to the Industrial Training Coordinator within the first two weeks following commencement of semester one.
 - b) Unsatisfactory attendance of IT by less than 80% as assessed from the logbook and the report from the onsite supervisor the student shall be barred and required to repeat the IT course when next offered.
 - c) The student that does not appear in the IT placement for the entire IT period without any compelling reason(s) shall be considered to have absconded and therefore discontinued from studies.
- 5.6 Oral presentations of Industrial Training shall be assessed by a minimum of two examiners.
- 5.7 Any candidate who fails to appear to any assessment of Industrial Training without compelling reasons shall be deemed to have absconded IT and therefore shall be discontinued from studies.
- 5.8 A candidate who fails Industrial Training shall be required to repeat the same **when next offered.**
- 5.9 For each degree programme, the School Board shall approve the mode and manner of conducting Industrial Training as proposed by departments.

6.0 In-semester projects

- 6.1 The In-semester projects shall commence and be conducted as per Almanac of the respective Semester and programme curriculum. The in-semester project shall last for five weeks.

BACHELOR OF SCIENCE IN GEOMATICS AND BACHELOR OF SCIENCE IN GIS AND REMOTE SENSING

1.0 In-semester projects

- 1.1 The In-semester projects shall commence and be conducted as per Almanac of the respective Semester as prescribed in the curriculum and shall last for five weeks.
- 1.2 Unsatisfactory progress in In-Semester Project shall mean failure by the candidate to attend satisfactorily the fieldwork (practical) sessions, to conduct a minimum of 2 student/staff consultations during the office-work (report writing) session in the semester which the In-Semester Project is scheduled and/or failure by the candidate to affect the proposed improvements on the draft written report as evident in the consultation monitoring forms whereas;
 - a) The In-Semester Project supervisor(s) and students shall sign a Fieldwork Attendance Form in all fieldwork sessions and a Consultation Monitoring Form after every consultation session during report writing.
 - b) A copy of the In-Semester Project attendance form and consultation form shall be held by both the supervisor(s) and the students.
 - c) All such cases of unsatisfactory progress in In-Semester Project shall be reported to the Dean by one week prior to the start of Semester University Examinations.
- 1.3 The assessment of In-semester projects shall be made through a Continuous Assessment that shall comprise oral presentations and a final University examination that shall comprise one final oral presentation and assessment of a written report.
- 1.5 Continuous assessment of In-semester project shall comprise assessments of oral presentation, participation in group work and consultation with supervisors as prescribed in the curriculum.
- 1.6 For the purpose of continuous assessment of In-semester project, there shall be two oral presentations of the project work for each class doing semester project (each weighing 2 i.e., 20%). One oral presentation shall be conducted during the field work and shall be assessed by the supervisor(s) and one oral presentation shall be conducted after completion of the fieldwork but before the start of University Examination and shall be assessed by other members of staff in the department in addition to the project supervisor(s).
- 1.7 Continuous assessment marks of In-semester project shall be derived from group presentation involving all members of the group as well as individual interview before a panel of examiners. Group presentation shall account for 7.5 marks of the 20%, and individual assessment shall account for 12.5 marks of the 20%.
- 1.8 Continuous assessment of In-semester project (i.e., oral presentations) shall account for 40% and final oral presentation and assessment of the written group report for 60% both leading to an assessment of 100%.
- 1.9 The University Examination of the In-semester project shall comprise the following parts:
 - a) Assessment of the group written report – weight 3 (30%),
 - b) Group oral presentation Weight 1 (10%),
 - c) Individual oral Examination. In this regard, candidates shall be interviewed/examined on the project work and, whenever it is considered necessary, questions may be asked from other topics related to the project – Weight 2 (20%).
- 1.10 Three loose bound written In-semester project reports from each group shall be handed in to the Project Coordinator by the last Friday preceding University Semester examinations. Students who fail to observe this rule without compelling reasons shall be deemed to have absconded the examination and shall be discontinued from studies.
- 1.11 For the purpose of submission of final report of the In-semester Project report the candidate must obtain the supervisor(s)' endorsement whereas;
 - a) Any candidate who fails to obtain the supervisors endorsement without compelling reasons shall cause the student to have unsatisfactory progress in the whole course;

- b) All cases of unsatisfactory progress in the course Semester Project must be reported by the supervisor to the Head of Department one week prior to the start of the Semester examinations;
 - c) All Semester Project Reports that are not reported to be associated with unsatisfactory progress shall be endorsed by the supervisor and accepted for submission.
- 1.12 The In-semester Project report shall be word-processed 1.5 line-spaced on A-4 sheets, font size 12, font type Times New Roman, margins should be 2.5cm on top and left margin and 1cm on the right and bottom margins The main body shall contain at least 30 pages.
- 1.13 A panel of at least three examiners shall assess the final University Examination oral presentation of In-semester project
- 1.14 Any examined in-semester Project report which upon assessment by the panel of examiners in the final presentation requires any corrections, shall be considered to be completed and dully submitted only when all the errors/mistakes/shortfalls pointed out by the examiner(s) have been corrected to the satisfaction of the Supervisor(s); and two hard bound copies of the Report, signed by the supervisor(s) is submitted to the Department.
- 1.15 Failure by the student to correct the errors/mistakes/shortfalls pointed out by the examiner(s) within two weeks, without compelling reasons shall be considered to have absconded examination and shall be discontinued from studies.
- 1.16 For the first year of study, the In-semester project shall last for four weeks commencing in the first week following the University Examinations and after the four weeks students shall proceed to their Industrial Training placements.
- 1.17 Both Continuous Assessment and University Examination of the first year in-semester project shall be completed within the four weeks.
- 1.18 Continuous assessment marks for the first year in-semester project shall be derived from individual assessments only. These shall constitute at least one assessment of the Field Participation (20%) and at least one Practical Assessment (20%). Both assessments shall involve project supervisor(s) and other members of staff in the department.
- 1.19 The University Examination of the first year In-semester project shall comprise the following parts:
- a) Individual practical assessment - Weight 2 (20%),
 - b) Group oral presentation - Weight 2 (20%),
 - c) Assessment of a group technical report – Weight 2 (20%).
- 1.20 The oral presentation and the written In-semester Project Report shall be assessed in accordance with the following format:
- 1.20.1 Table (a1): Assessment of In-semester Project Individual Field Participation - Year I BSc Geomatics (Continuous Assessment)
- Name of the Group/Group number.....
- Title of Semester project
- Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Job planning and its field execution	Adherence to Field Principles and Procedures	Instrument handling	Team work and time management	Overall field conduct	Total	Reduced Marks (20%)
Maximum Marks			20	30	30	10	10	100	20
1									
2									
3									

Assessor's Comments if any.....
 Signature:.....
 Date:.....

Table (a2): Assessment of In-semester Project Individual Participation - Year I BSc GIS&RS (Continuous Assessment)

Name of the Group/Group number.....
 Title of Semester project.....
 Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Job planning and its execution	Adherence to Spatial Data Acquisition Principles and Procedures	Software implementation skills and competence	Team work and time management	Overall field /office conduct	Total	Reduced Marks (20%)
Maximum Marks			20	30	30	10	10	100	20
1									
2									
3									

Assessor's Comments if any.....
 Signature:.....
 Date:.....

1.20.2 Table (b1): Individual Practical Assessment of In-semester Project - Year I BSc Geomatics (Continuous Assessment)

Name of the Group/Group number.....

Title of Semester project.....
 Name of assessor.....

SN	Candidate' s Reg. No.	Candidate's name	Instrument set up	Observation of surveying data	Booking and reduction	Total	Reduced Marks (20%)
Maximum Marks			30	40	30	100	20
1.							
2.							
3.							

Assessor's Comments if any.....
 Signature:.....
 Date:.....

Form (b2): Individual Practical Assessment of In-semester Project - Year I BSc GIS&RS (Continuous Assessment).

Name of the Group/Group number.....
 Title of Semester project.....
 Name of assessor.....

SN	Candidate' s Reg. No.	Candidate's name	Project creation and set up	Data preparation and input	Organization/management of data in the created project	Total	Reduced Marks (20%)
Maximum Marks			30	40	30	100	20
1.							
2.							
3.							
4.							

Assessor's Comments if any.....
 Signature:.....
 Date:.....

1.20.3 Table (c): Assessment of In-semester Project Group Oral Presentation (Continuous Assessment)

Name of the Group/Group number.....

Title of Semester project.....

Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Understanding of the basic	Methodology	Computation and analysis/Implementatio	Overall presentation	Response to questions	Total	Reduced Marks (15%)*
Maximum Marks			10	30	30	10	20	100	15
1									
2									
3									
4									

*Each presentation shall contribute 7.5%

Assessor's Comments if any.....

Signature:.....

Date:.....

1.20.4 Table (d) Assessment of In-semester Project Individual Oral Presentations (Continuous Assessment)

Title of Semester project.....

Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Understanding of the subject matter	Level of individual' s participation	Response to general Questions	Total	Reduced Marks (25%)
Maximum Marks			25	25	50	100	25
1.							
2.							
3.							
4.							

*Each presentation shall contribute 12.5%

Assessor's Comments if any.....

Signature:.....

Date:.....

1.20.5 Table (e): Assessment of In-semester Project Group Oral Presentation (University Examination)

Name of Group/Group number.....

Title of Semester project.....

Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Understanding of the topic	Methodology	Computation and analysis/Implementation	Overall presentation	Response to questions	Total	Reduced Marks (10%)*
Maximum Marks			10	30	30	10	20	100	10
1.									
2.									
3.									
4.									

*Reduced to 20% for Year I

Assessor's Comments if any.....

Signature:.....

Date:.....

1.20.6 Table (f1): Individual Practical Assessment of In-semester Project - Year I BSc Geomatics (University Examination)

Name of the Group/Group number

Title of Semester project.....

Name of assessor.....

S/N	Candidate' s Reg. No.	Candidate's name	Instrument set up	Observation of surveying data	Booking and reduction	Total	Reduced Marks (20%)
Maximum Marks			30	40	30	100	20
1.							
2.							
3.							
4.							
5.							
6.							

Assessor's Comments if any.....

Signature:.....

Date:.....

Table (f2): Individual Practical Assessment of In-semester Project - Year I BSc GIS&RS (University Examination)

Name of the Group/Group number.....

Title of Semester project.....

Name of assessor.....

SN	Candidate' s Reg. No.	Candidate's name	Project creation and set up	Data preparation and input	Organization/management of data in the created project	Total	Reduced Marks (20%)
Maximum Marks			30	40	30	100	20
1.							
2.							
3.							
4.							

Assessor's Comments if any.....

Signature:.....

Date:.....

1.20.7 Table (f3): Assessment of In-semester Project Individual Oral Presentation (University Examination)

Title of Semester project:.....

Name of assessor:.....

S/N	Candidate' s Reg. No.	Candidate's name	Understanding of the subject matter	Level of Individual Participation	Response to General Questions	Total	Reduced Marks (20%)
Maximum Marks			25	25	50	100	20
1.							
2.							
3.							
4.							

Assessor's Comments if any.....

Signature:.....

Date:.....

1.20.8 Table (g): Assessment of In-semester Project Written Report (University Examination)

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the project	15	
Form and Format of presentation (Style, typing, language)	15	
Literature review and referencing	25	
Data processing and analysis	30	
Conclusion and recommendation	15	
Total	100	
Reduced Marks (30%)*		

*Reduced to 20% for Year I

Assessor's Comments if any.....

Signature:.....

Date:.....

2.0 Pre-dissertation

2.1 The pre-dissertation course shall be conducted and assessed as stipulated in the respective curriculum.

2.2 Each final year student shall be required to develop a dissertation research proposal during semester I of the final year as prescribed in the curriculum and stipulated in School regulations for pre-dissertation

2.3 The assessment of the Pre-dissertation course shall be accrued from assessment of its Part I and Part II as prescribed in the curriculum.

2.4 The pre-dissertation oral presentations and the written proposals shall be assessed in accordance with the following format:

2.4.1 Table (h): Assessment of the Pre-Dissertation First Marked Oral Presentation (Continuous Assessment):

Name of the Assessor

Signature: Date:

S/N	Candidate' s Reg. No	Candidate's name	Understanding of the topic	Clarity of the problem and comprehension	Relevance of the topic to the profession	Contribution to the profession (Creative thinking)	Response to Questions	Style of presentation (Sound, Slides quality, gestures, appearance)	Consultation with supervisors*	Total	Reduced Marks (7.5%)
			18	18	12	10	10	10	22	100	10

*The consultation form signed by students and supervisors shall be used as a basis for this assessment

Assessor's Comments if any.....

2.4.3 Table (j): Assessment of the Pre-Dissertation Oral Presentation (University Examination)

Name of the Assessor

Signature:

Date:

S/N	Candidate' s Reg. No	Candidate's name	Response to comments from the second presentation	Literature review and its rationale to the proposed dissertation	Research Problem Justification	Research objective(s), hypothesis/research questions, work plan, budget and their practicability	Suitability of proposed Methodology	Style of presentation (Sound, Slides quality, gestures, appearance)	Response to Questions	Total	Reduced Marks (15%)
Maximum Marks			10	20	10	15	20	10	15	100	10
1											
2											
3											
4											

Assessor's Comments if any.....

2.4.4 Table (k): Assessment of the Pre-Dissertation Written Proposal (University Examination)

Name of the Candidate:.....

Reg. No:

Title of Pre-Dissertation:

Marking consideration	Maximum marks	Marks awarded
Title, topic and its relevance to profession	10	
Literature review, citation, referencing and clarity of the background to the dissertation/research	20	
Statement of the problem	15	
Research objective(s), hypothesis/research questions, significance and benefits	20	
Suitability of proposed methodology	25	
Presentation Format (Style, language (grammar and structure), graphical communication, etc.) and work-plan	10	
Total	100	
Reduced Marks (20%)		

Assessor's comments if any

Name of the Assessor

Signature:

Date:

3.0 Dissertation

3.1 Continuous assessment of Dissertation shall be derived from the first two presentations which shall account for 30% (15% each), and final oral examination presentation and written report shall account for 30% and 40% respectively; all leading to an assessment of 100%.

3.2 The dissertation work shall be assessed in accordance with the following format:

3.2.1 Table (l): Assessment of the Dissertation First Oral Presentation (Continuous Assessment)

Name of the Assessor

Signature:

Date:

S/N	Candidate' s Reg. No	Candidate's name	Understanding of the topic	Suitability of methods and data collection tools	Progress on data collection	Response to Questions	Style of presentation (Sound, Slides quality, gestures, appearance)	Consultation with supervisors*	Total	Reduced Marks (15%)
Maximum Marks			15	23	22	20	10	10	100	20
1.										
2.										
3.										
4.										

*The consultation form signed by students and supervisors shall be used as a basis for this assessment

Assessor's Comments if any

3.3.2 Table (m): Assessment of the Dissertation Second Oral Presentation (Continuous Assessment)

Name of the Assessor

Signature:

Date:

S/N	Candidate' s Reg. No	Candidate's name	Response to comments from the first presentation	Data analysis, cleaning, preparation and computation	Results and critical discussion of results	Conclusions and recommendations	Response to Questions	Style of presentation (Sound, Slides quality, gestures, appearance)	Consultation with supervisors*	Total	Reduced Marks (15%)
Maximum Marks			10	22	22	12	14	10	10	100	20
1.											
2.											
3.											
4.											

*The consultation form signed by students and supervisors shall be used as a basis for this assessment

Assessor's Comments if any

3.3.3 Table (n): Assessment of the Dissertation Oral Presentation (University Examination)

Name of the Assessor

Signature:

Date:

S/N	Candidate' s Reg. No	Candidate's name	Understanding of the topic	Suitability of methods and data utilized	Data analysis, cleaning, preparation and computation	Results, interpretation and critical discussion	Conclusions and recommendations	Style of presentation (Sound, Slides quality, gestures, appearance)	Response to Questions	Total	Reduced Marks (30%)
Maximum Marks			8	18	18	18	18	10	10	100	20
1.											
2.											
3.											
4.											

Assessor's Comments if any

3.3.4 Table (o): Assessment of the Dissertation Written Report (University Examination)

Name of the Candidate:

Title of Dissertation:

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic (problem statement, research objective, etc.)	5	
Literature review (relevancy and referencing and citation)	5	
Methodology: (Method (s), data collection, computations and presentation)	10	
Results and interpretation and critical discussion of the results	10	
Conclusion, recommendations and contribution to the profession	6	
Presentation Format (Style, language, graphical communication, etc.)	4	
Total	40	

Assessor's comments if any.....

.....
Name of the Assessor

Signature:

Date:

4.0 Industrial Training

4.1 Assessment of Industrial Training shall constitute of field assessment and final assessment.

4.2 Field Assessment (FA) of the Industrial Training shall constitute assessment by the visiting internal (university) examiner/supervisor (10%) and assessment of the logbook by the on-site (external /organization) supervisor (20%); all leading to a 30% FA of the industrial training.

4.3 The final assessment of the Industrial Training shall consist of a oral presentation and assessment of Industrial Training report accompanied by the logbook(s) of the involved student(s). The oral presentation shall account for 30% and assessment of the written report shall account for 40% both leading to 70% final assessment of the industrial training.

4.4 The industrial training shall be assessed in accordance with the following format:

4.4.1 Table (p): Assessment of Industrial Training by Visiting Supervisor (Continuous Assessment)

IT placement:

Name of Assessor/Visiting Supervisor:

S/N	Candidate' s Reg. No	Candidate's name	Understanding of the field training	Logbook keeping and filling (Adherence to the training programme)	Adherence to professional ethics and code of conduct	General conduct and working relations with team members and other staff	Total	Reduced Marks (10%)
Maximum Marks			20	40	30	10	100	10
1.								
2.								
3.								
4.								
5.								
6.								

Assessor's comments if any

Signature:

Date:

4.4.2 Table (q): Assessment of Industrial Training Oral Presentation (University Examination)

Industrial Training Placement:

Name of assessor:

S/N	Candidate' s Reg. No	Candidate's name	Understanding of the subject matter	Data Collection methodology (both primary and secondary data)	Computation, analysis and dissemination of the collected data	Demonstration of practical skills gained	Style of presentation and response to questions	Total	Reduced Marks (30%)
Maximum Marks			20	20	20	20	20	100	30
1.									
2.									
3.									

Assessor's comments if any

Signature:

Date:

4.4.3 **Table (r): Assessment of Industrial Training Written Report (University Examination):**

Name of Candidate(s)/Group Number:
 Industrial Training Placement:
 Title of Industrial Training Report:
 Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the project	15	
Form and Format of presentation (Style, typing, language)	15	
Literature review and referencing	25	
Data processing and analysis	30	
Conclusion and recommendation	15	
Total	100	
Reduced Marks (40%)		

Assessor's Comments if any.....

Signature:.....

Date:.....

B BSc. Land Management and Valuation (BSc. LMV) BSc. Property and Facilities Management (BSc. PFM) and BSc. Real Estate Finance and Investment (BSc. REFI)

1.0 Oral examinations of taught courses shall not apply to the following courses: mathematics, statistics, architectural studies and constructions, business mathematics, business statistics, financial mathematics, quantitative methods, econometrics and valuation casework.

2.0 Semester Project

2.1 For the purpose of Semester project's Continuous Assessment (CA), there shall be two interim oral presentations in the semester for which semester project has been prescribed. CA marks shall be derived from presentations involving all the group members each having a maximum score of 20%. In computing 20% for CA, individual responses to question shall account for 15% and group participation 5%. For oral project presentations the final marks shall be deliberated and agreed by the panel members. The oral presentation and the written reports shall be assessed in accordance with prescribed Table No. 2.1 – 2.4.

2.2 The final assessment of the Semester Project shall be made by a panel of examiners, which shall consist of one project supervisor and one member of academic staff who did not supervise the project.

2.2.1 Table 2.1 Semester Project Interim Oral Presentation Assessment

Group No.:.....

Names of Candidates:

Project Title:

Name of Examiner:

Date:

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Presentation arrangement (Group)	5% (x2)		
Satisfactory answers to question raised (individual)	15% (x2)		

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Total	40%		

Examiner's Comments:

Signature:

- 2.2.2 For the purpose of deriving the remaining 60%, Final Project assessment marks for the University semester project examination shall be awarded as indicated in Table 2.2. For oral project presentations the final marks shall be deliberated and agreed by the panel members

Table 2.2 Semester Project Examination Assessment

Group No.:

Name of Candidate:

Project Title:

Name of Examiner:

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Evaluation of the written project report	40%		
Final oral presentation	20%		
Total	60%		

Examiner's Comments:

Signature:

- 2.2.3 For the purpose of semester project examination assessment in Table 2.2, the 20% for the final oral presentation shall be awarded as indicated in Table 2.3.

Table 2.3 Final oral presentation for project works

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Quality of the oral presentation (Sequencing, contents etc) (Group score)	5%		
Oral examination of individual candidates. In this respect, candidates shall be interviewed/ examined on a project works	15%		
Total	20%		

Scale: Excellent=A, Very Good = B, Good=C, Fair=D, Poor=E, Did not participate= F

- 2.2.3 For the purpose of semester project examination assessment in Table 2.2, the 40% indicated for the final written project work shall be derived as in Form 2.4.

Table 2.4 Semester Project Written Report Assessment Form

Group No.:

Names of Candidates:

Project Title:

Name of Examiner:

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Form and format of presentation (connectedness of paragraphs, sections and chapters)	5%		
Background information (Coverage and relevancy of literature review)	5%		
Methodology (Approach) (Clarity of methods used)	10%		
Creativity (Reflection of findings in the literature reviewed)	15%		
Conclusion (Relevancy of conclusion with regard to findings)	5%		
Total	40%		

Examiner's Comments:.....

Signature:

Date:

3.0 Research Proposal Writing Workshop

- 3.1 During Semester I of final year, each student shall be required to attend a series of research skills building workshops in the course Research Proposal Writing Workshops.
- 3.2 Continuous Assessment (CA) for Research Proposal Writing Workshops will comprise the average score in the level of participation (active) in the activities of the workshops being weighted at 30% of the overall score of the course. The level of participation in each workshop session shall be assessed based on the criteria specified in Form 3.2.1.

Table 3.2.1 Participation Assessment Form

S/N	Name of Student	Participation criteria			
		Quality of arguments	Quality of presentations	Cross referencing in arguments	Group leadership role
	Max Score	5%	10%	100%	5%

- 3.3 For the purpose of continuous assessment:
- Seven (7) workshops will be done each being aligned towards a particular stage in research proposal writing. Students attending the course will be required to attend all the seven seminars, and fully participate in the activities.
 - The level of participation of each participant attending the workshop will be evaluated by the workshop organizer(s) and graded accordingly.

- c) Before the final workshop assessment, the organizer(s) shall decide on the progress of each candidate and report the same to the dissertation coordinator who shall report to the HoD.
 - d) The HoD shall report all cases of “unsatisfactory progress” in the Research +3-Proposal Writing Workshop to the Dean at least two weeks before the final presentation.
 - e) The school Dean upon receiving a report from the HoD on any “unsatisfactory progress” shall bar the candidate from submitting the final dissertation proposal.
 - f) A candidate who is so barred shall be required to repeat the course when next offered.
 - g) Candidates with satisfactory progress shall proceed to submitting and presenting their final dissertation proposals.
- 3.4 Any student who fail in the course Research Proposal Writing Workshop shall be required to Repeat the course when next offered
- 3.5 For the purposes of final examination assessment:
- a) Each candidate will be required to produce a research proposal after a thorough consultation with at least three members of academic staff.
 - b) The quality of the proposal will be evaluated by two members of academic staff independently and graded accordingly.
 - c) The final proposal assessment will comprise 20% of final oral presentation and 50% for the written final report all making a total of 70% of the overall score for the course. The final oral presentation of the proposal shall be before a panel of at least three academic members of staff and the quality of the presentation will be evaluated and graded according to these guidelines.
- 3.5.1 The final examination grade for the course Research Proposal Writing Workshop shall be computed as shown in Form 5.1

Table 3.5.1 Final Research Proposal Writing Workshop Assessment

Student Name:.....

Names of Candidates:

Project Title:

Name of Examiner:

Exam	Criteria	Maximum score	Total Score
UE	Overall quality of the proposal		50%
	The background reflects an adequate literature review in the topic area of the research title	15%	
	The statement of the problem is well founded within the literature reviewed	10%	
	The objectives and research questions (hypothesis) can adequately provide answers to the research problem being addressed	5%	
	Potential contribution of the research has been identified and linked to possible answers that the researcher wishes to address	5%	
	A thorough literature reviewed comprises both theoretical and empirical works on the area of the topic	15%	
	The overall quality of the presentation		20%
	Presentation arrangement and time management (degree of preparedness)	5%	
	Relevance of the contents being presented in relation to the topic	5%	

Exam	Criteria	Maximum score	Total Score
	Language comprehension	5%	
	Satisfactory answers to question raised (Individual)	5%	
	Total		70%

4.0 Dissertation

- 4.1 Dissertation assessment shall be carried out through interim oral presentations and a final examination. The UE for dissertation shall account for 60%; in which (20%) is for oral presentation and (40%) for dissertation report, and CA shall constitute 40%.
- 4.2 Dissertation shall be assessed three times during Semester in which the course is running and the final assessment shall be done during the University Examination session.
- 4.3 For the purpose of Continuous Assessment (CA) there shall be two interim oral presentations each shall account for 20%.
- 4.4 For oral dissertation presentations the final marks shall be deliberated and agreed by the panel members
- 4.5 Dissertation shall be assessed in accordance with prescribed Dissertation Assessment Table 2.4-2.7:
- 4.5.1 Table 2.4 Dissertation Form (a) Interim Oral Presentation Assessment for CA in Dissertation
 Name of Candidate:
 Dissertation Title:
 Name of Examiner:

Assessment Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Presentation arrangement and time management (degree of preparedness)	2%		
Relevance of the contents being presented in relation to the topic	4%		
Language comprehension	6%		
Satisfactory answers to question raised	8%		
Total	20		

Examiner's comments, if any:
 Signature:.....
 Date:

- 4.5.2 For the purpose of deriving the 60% indicated for the UE, the final dissertation and oral presentations assessment shall be awarded as indicated in Table 2.5

Table 2.5 Dissertation Form (b) University Examination Assessment for Dissertation
 Name of Candidate:
 Dissertation Title:
 Name of Examiner:

Assessment Criteria	Maximum Marks (%)
Evaluation of the written project report	40%
Final oral presentation	20%
Total	60%

Examiner's comments, if any:
 Signature:.....

Date:

For the purpose of dissertation UE assessment (Table 2.5), the 20% for final oral presentation shall be awarded as indicated in Table 2.6

Table 2.6 Dissertation Form (c) Final oral Presentation for Dissertation

Assessment Criteria	Maximum Marks (%)
Presentation arrangement and time management (degree of preparedness)	2%
Relevance of the contents being presented in relation to the topic	4%
Language comprehension	6%
Satisfactory answers to question raised	8%
Total	20%

- 4.5.3 For the purpose of dissertation's final UE assessment score, the 40% on written dissertation report shall be awarded as indicated in Table 2.7

Table 2.7 Dissertation Form (d): Written Work Assessment for Dissertation

Dissertation report details (to be filled by the coordinator)

Assessment details (to be filled by the examiner)

Name of Candidate:

Dissertation Title:

Name of Examiner:

Assessment Criteria	Maximum Marks (%)
Background information (Coverage and relevancy of literature review)	5%
Methodology (Approach) data collection, data presentation and analysis (Clarity of methods used)	20%
Creativity and Originality (Reflection of findings to the literature reviewed)	10%
Conclusion and recommendation (Relevancy of conclusions and recommendations with regard to findings)	5%
Total	40%

Examiner's comments, if any:

Signature:

Date:

5.0 Industrial Training

- 5.1 Assessment of Industrial Training shall be based on the following consideration:

Assessment Criterion	Maximum Marks (%)	Marks Awarded	Remarks
External Supervisor (organization-Recommendations as per assessment form)	20%		
Internal Supervisor (Staff member) (Based on progress report as evaluated by the internal supervisor during field visit)	20%		
Students Oral Presentation	40%		
Student's logbook	20%		
Total	100%		

For the purpose of marks for the assessment form, the following assessment criteria shall be applied;

Assessment Criterion	Allocated Marks (100%)	Trainer Marks (100%)	Supervisor Marks (100%)
Understanding of his/her daily responsibilities (office practice)	15%		
Team work, communication skills & ability to learn	20%		
Professional competency (linking of theories & practical assignment)	35%		
Creativity & innovation demonstration	15%		
Professional ethics (eg dress code, attendance)	15		
Total	100%		

- 5.2 For the purpose of arriving at the 40% of the student's oral presentation, the following assessment criteria shall be applied;

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Presentation arrangement	10%		
Oral examination of candidate. In this respect, candidate shall be interviewed/ examined on a IT presented.	30%		
Total	40%		

C Bachelor of Science in Accounting and Finance (BSc. AF) and Bachelor of Banking and Finance (BBF)

1.0 Semester Project

- 1.1 All final year student shall be required to undertake an independent research project in the course Semester Project during the second semester of final year
- 1.2 For the purpose of continuous coursework assessment,
- There shall be two oral presentations of Semester Project in the semesters in which the course is offered.
 - Continuous assessment marks shall be derived from student presentation with maximum score of 20%. In arriving at the 20% for continuous assessment, student responses to question shall account for 15% and presentation arrangement shall account for 5. Continuous assessment marks shall be derived from student presentation with maximum score of 20%. In arriving at the 20% for continuous assessment, student responses to question shall account for 15% and presentation arrangement shall account for 5%.
 - Failure by the candidate to complete any part of the Continuous Assessment in Semester Project without compelling reasons shall constitute an abscondment of the Semester Project
- 1.3 For purpose of Semester Project final examination;
- University examination shall comprise a written individual Semester Project Report and oral presentation of the semester project by the students.
 - The final Project Assessment mark shall be derived from the assessment of the final project report (50%) and final presentation (30%).
 - Failure by the candidate to complete any part of the University Examination in Semester Project without compelling reasons shall constitute an abscondment of the Semester Project and shall be discontinued from studied.
- 1.4 A student who fails in Semester Project shall be given a maximum period of three months to res-submit from the date of Senate approval of the examination results

- 1.5 For the purpose of project's assessment in Semester Project:
 1.5.1 The marks for the oral presentation during continuous assessment shall be awarded as indicated below.

Interim Oral Presentation Assessment Table

Names of Candidate.....
 Project Title.....
 Academic Year.....
 Examiner's comments.....
 Examiner's signature.....
 Date.....

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Presentation arrangement	10%		
Satisfactory answers to question raised	20%		
Total	30%		

- 1.5.2 For the purpose of deriving the 80% Final Project assessment, marks for the University semester project examination shall be awarded as follows

Assessment Criteria	Maximum marks
Evaluation of the written project report	49%
Final oral presentation	21%
Total	70%

- 1.5.3 For the purpose of semester project examination assessment, the 30% for the final or all presentation shall be awarded as indicated below.

Final Oral Presentation Assessment Table

Names of Candidate.....
 Project Title.....
 Academic Year.....

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Presentation arrangement	6%		
Oral examination of candidate. In this respect, candidate shall be interviewed/ examined on a project work presented.	15%		
Total	21%		

Examiner's comments.....
 Examiner's signature.....
 Date.....

- 1.5.4 For the purpose of semester project report examination assessment, the 49% indicated for the final written project work shall be derived as follows.

Semester Project Written Report Assessment Form

Names of Candidate.....
 Project Title.....
 Academic Year.....

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Theoretical background, research problem and empirical studies	17		
Research Methodology and design	14		
Results and analysis of findings	8		
Conclusion and recommendation	6		
Report writing and presentation	4		
TOTAL	49%		

Examiner's comments.....

Examiner's signature.....

Date.....

2.0 Industrial Training/Fieldwork

2.1 The assessment of industrial training shall be as shown in the Table below

Industrial Training Assessment Form

Names of Candidate.....

Academic Year.....

Assessment Criterion	Maximum marks	Marks Awarded	Remarks
External Supervisor (organization) (Recommendations as per log book)	10%		
Internal Supervisor (Staff member) (Based on activity report submitted by the student to the internal supervisor during field visit)	20%		
Students Oral Presentation	40%		
Student's logbook	30%		
Total	100%		

Examiner's comments

Examiner's signature.....

Date.....

2.2 For the purpose of arriving at the 40% of the student's oral presentation, the following assessment criteria shall be applied;

Assessment Criteria	Maximum marks	Marks Awarded	Remarks
Presentation arrangement	10%		
Oral examination of candidate. In this respect, candidate shall be interviewed/ examined on a project work presented.	30%		
Total	40%		

D Bachelor of Science in Information Systems Management and Bachelor of Science in Computer Systems and Networks

1.0 Taught courses

1.1 All courses with practical components, assignments shall be practical based and adhere to the minimum prescribed number of assignments as per UGER

2.0 Semester Projects

2.1 For the purpose of these regulations:

- a) Semester Projects refer to Project I and Project II which are courses done in first year and second year, respectively.
- b) Semester projects shall be carried out by a group of at least two students during semester II of each year of study.

2.2 Continuous assessment shall comprise assessments of oral presentation and group work

2.3 Continuous assessment (i.e., oral presentations) shall account for 40%. The forms for assessment are as presented below. The department shall prescribe detailed modalities.

Table 1: Yearly Project Assessment of Group Oral Presentation (Continuous Assessment)

Group number.....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (10%)		

Assessor's comments if
any:.....Signature:.....Date:.....

Table 2: Yearly Project Assessment of Individual Oral Presentation (Continuous Assessment)

Name of the candidate.....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the subject matter	25	
Level of individual participation	25	
Response to general questions	50	
Total	100	
Marks out of (10%)		

Assessor's comments if any:..... Signature:.....
Date:.....

Table 3: Yearly Project Assessment of Group Oral Presentation (Final Assessment)

Group number.....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the subject matter	25	
Level of individual participation	25	
Response to general questions	50	
Total	100	
Marks out of (10%)		

Assessor's comments if any:..... Signature:.....
Date:.....

Table 4: Yearly Project Assessment of Individual Oral Presentation (Final Assessment)

Name of the candidate.....
Title of Semester project.....
Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Data collection methodology	30	
Project Output	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (10%)		

Assessor's comments if any:..... Signature:.....
Date:.....

Table 5: Yearly Project Assessment of Written Report (Final Examination)

Group number.....
Title of Semester project.....
Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (20%)		

Assessor's comments if any:..... Signature:.....
Date:.....

Table 6: Yearly Pre-dissertation (Research Methods and Dissertation Writing) Assessment of Oral Presentation (Continuous Assessment)

Name of candidate(s).....
Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (20%)		

Assessor's comments if any:..... Signature:.....

Date:.....

**Table 7: Yearly Pre-dissertation (Research Methods and Dissertation Writing)
Assessment of Oral Presentation (Final Assessment)**

Name of candidate(s).....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (20%)		

Assessor's comments if any:..... Signature:.....

Date:.....

**Table 8: Yearly Pre-dissertation (Research Methods and Dissertation Writing)
Assessment for Written Report (Final Examination)**

Group number.....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Literature review and referencing	30	
Research objectives and methodology	30	
Proposal format (style, typing, and language)	10	
Conclusion and Recommendation	20	
Total	100	
Marks out of (40%)		

Assessor’s comments if any:..... Signature:.....
 Date:.....

3 Dissertation

3.1 Continuous assessment shall be derived from the first two presentations which shall account for 30%, and final oral examination presentation and written report shall account for 20% and 50% respectively; all leading to an assessment of 100%. The assessment instruments are as presented in Tables below.

Table 9: Assessment of DISSERTATION Oral Presentation (Continuous Assessment):

Name of candidate(s).....

Title of Semester project.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (20%)		

Name of assessor..... Assessor’s comments if any:
 Signature:..... Date:.....

Table 10: Assessment of DISSERTATION Oral Presentation (Final Examination):

Name of candidate(s).....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Problem identification	30	
Data collection methodology	30	
Overall presentation	10	
Response to questions	20	
Total	100	
Marks out of (20%)		

Assessor’s comments if any:..... Signature:.....
 Date:.....

Table 11: Assessment of DISSERTATION Written Report (Final Examination):

Name of candidate(s).....

Title of Semester project.....

Name of assessor.....

Marking consideration	Maximum marks	Marks awarded
Understanding of the topic	10	
Literature review and referencing	30	
Research objectives and methodology	30	
Research format (style, typing, and language)	10	
Conclusion and Recommendation	20	
Total	100	
Marks out of (40%)		

Assessor's comments if any:..... Signature:.....
Date:.....

4.0 Industrial Training

- 4.1 Assessment of Industrial Training shall be based on the following attributes:
The Assessment by the visiting internal (University) supervisor (10%). The visiting internal supervisor will elicit information through reviewing of logbook, and interviewing the candidate, external (on-site) supervisor, and anyone else working with the candidate. The visiting supervisor shall use the following form in assessing individual candidates.

Table 12: Industrial Training Student's Assessment (Continuous Assessment)

Student's name:.....

Reg. No:.....

Company/Organization

P.O Box

Place:.....

Company's Contact Person..... Position

Industrial Supervisor..... Position:.....

Date and time of visit:.....

Marking Consideration	Maximum Marks	Marks Awarded
Understanding of his/her daily responsibilities (office practices)	15	
Team work, communication skills, and ability to learn	20	
Professional competency (linking of theories and practical assignments)	30	
Creativity and Innovation demonstration	15	
Professional ethics (e.g., dress code)	10	
New knowledge acquired	10	
Total	100	
Reduced marks (20%)		

Any comments on student.....

Any comments IT organization

Supervisor's signature:..... Date.....

Table 14: Industrial Training Written Report Assessment (Final Examination)

Name of candidate:.....

Name of Organization:.....

Name of assessor:.....

Marking Consideration	Maximum Marks	Marks Awarded
Analysis of Organization's ICT context	25	
Form Format of Presentation (Style, typing, language)	15	
Literature review and referencing	20	
Technical Analysis of practical training activities	20	
Conclusion and Recommendation	20	
Total	100	
Reduced marks (40%)		

Assessor's comments if any:.....

Signature:.....

Date:.....

Table 13: Industrial Training Assessment of Oral Presentation (Final Examination)

Name of candidate:

Name of Organization:.....

Name of assessor:.....

Marking Consideration	Maximum Marks	Marks Awarded
Analysis of Organization's ICT context	25	
Form Format of Presentation (Style, typing, language)	15	
Literature review and referencing	20	
Technical Analysis of practical training activities	20	
Conclusion and Recommendation	20	
Total	100	
Reduced marks (20%)		

Assessor's comments if any:..... Signature:.....

Date:.....

Table 15: External (On-site) Assessment Report (Confidential) – Continuous Assessment

Name of candidate:

Name of Organization:.....

Name of assessor:.....

Marking Consideration	Maximum Marks	Marks Awarded
Attendance Progress		
Attendance	100%	
Log Book Filling		
Logbook filling	100	
Total	100	
Reduced marks (10%)		

Assessor's comments if any:..... Signature:.....

Date:.....

NB: If a student gets below 80% for the attendance shall be barred from the final examination assessment of the Industrial Training course and shall be required to repeat the Industrial Training course when next offered within his/her maximum registration period.

**EXAMINATION REGULATIONS FOR
UNDERGRADUATE PROGRAMMES IN THE
SCHOOL OF ENGINEERING AND
ENVIRONMENTAL STUDIES**

EXAMINATION REGULATIONS FOR UNDERGRADUATE PROGRAMMES IN THE SCHOOL OF ENGINEERING AND ENVIRONMENTAL STUDIES

In addition to University General Examination Regulations and Undergraduate Examinations Regulations, the following regulations will apply to the undergraduate programmes in the School of Engineering and Environmental Studies.

1.0 Semester Projects

- 1.1. Students shall undertake non-prerequisite projects. Continuous assessment in the Semester Projects shall comprise assessments of oral presentation, participation in group work, consultation with supervisors.
- 1.2. For the purpose of continuous assessment, there shall be two oral presentations of Semester Project, in each semester in which the subject is offered.
- 1.3. Continuous assessment for project work shall account for 60% whereas the university examination (UE) shall account for 40%. The CA shall be distributed by assigning 40% for oral presentations and 20% for written works. The UE shall be distributed by assigning 27% for written report and 13% for oral presentation.
- 1.4. Three (3) loose bound copies of project work report shall be handed in to the Department two days before University Semester Examinations start. Final project work report not submitted within specified period without compelling reasons for both continuing and finalist shall be regarded to abscond and hence discontinued from studies.
- 1.5. Project work report shall be word processed in 1.5 spaced A 4 sheets, Times new roman with Font 12, well bound and submitted in two copies. The main body shall contain between 40 and 70 pages.
- 1.6. The final assessment of project work shall comprise of oral presentation and written group work.
- 1.7. Assessment of Semester Project

(a) The assessment sheet for oral semester project presentation shall have the following format.

1. Group No.
2. Name of Student
3. Registration number.....
4. Project title
5. Name of Examiners.....
6. Date

Table 1.1. Assessment sheet for oral presentation

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Understanding of the problem	10		
Data analysis and interpretation	25		
Discussion of Graphics	20		
Self Expression	20		
Response to Questions	25		
Total	100		

(b) The assessment sheet for the written project work shall have the following format:

1. Group No.
2. Name of Student
3. Registration number.....
4. Project title
5. Name of Examiners.....
6. Date

Table 1.2: The assessment sheet for the written report

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remark
Form and Format of presentation (style, language, word processing etc).	10		
Literature review and referencing	10		
Material content	10		
Data collection organization and analysis	20		
Graphics	20		
Conclusion and Recommendation	20		
Total	100		

- 1.8. The final assessment during university examinations shall be made by a panel of at least three examiners.
- 1.9. Each student shall pass the final oral presentation by scoring at least 40% of the final oral presentation marks. Where a student is deemed to have failed the final oral presentation, he/she has failed the entire project course. The failed project course shall be carried when next offered. Additionally, No appeal shall be allowed to the failed project course.
- 1.10. A Semester Project may be passed as it is, outright failed or passed subject to corrections.
- 1.11. Any Semester Project, which is passed subject to corrections, shall be considered to be completed when all errors/mistakes/shortfalls pointed out by the examiners have been corrected, and two (2) acceptable hard bound project reports, endorsed by at least one of the supervisors are submitted to the Head of Department. Failure by students to do so without compelling reasons before the scheduled date for the Examiners Departmental meeting shall cause the project to be failed

2.0 Engineering Drawing

- 2.1 Continuous assessment for Engineering Drawing shall be awarded out of 60% of the total and final assessment 40% all leading to an assessment of 100%.
- 2.2 For the purpose of continuous assessment, there shall be at least seven exercises.
- 2.3 A student who does not do one of the exercises of the continuous assessment with compelling reasons shall be barred from proceeding with university examination of the same course and shall carry the course in the next subsequent academic year. Those without compelling reasons shall be regarded to have absconded the course and hence be discontinued from studies.
- 2.4 The final assessment shall be made by a panel of examiners, which shall consist of at least three examiners.
- 2.5 The assessment of Engineering Drawing shall be based on evaluation of drawing work and student understands of the subject matter using the following format and marking criteria.

Table 2.1: Marking criteria for Engineering Drawing Assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format and arrangement of drawing components (views, choice of scale, dimensions etc.)	20		
Content (correctness of concept and practicability) and completeness of requirements for a drawing.	25		
Neatness, correct choice of pen sizes for different uses, lettering quality, clarity, etc.	20		
Overall understanding of elements of engineering drawing	35		
Total	100		

2.6. A student who fails the Engineering drawing course shall carry the course.

3.0 Dissertation

- 3.1 A candidate in consultation with his/her potential supervisor(s) shall formulate a dissertation research proposal. The proposal shall be presented during 1st semester of the final year. Such presentation(s) shall not be graded.
- 3.2 Students shall be required to present their dissertation proposals for final approval by the department within the first two weeks of Semester II.
- 3.3 Dissertations shall be assessed three times during the 2nd semester of final year. The first and second assessment of dissertations shall be conducted alongside Test I and II as per University Almanac. The final assessment shall be done during the University semester examinations. The first two oral presentations shall constitute continuous assessment.
- 3.4 Unsatisfactory progress in dissertation shall mean failure by the candidate to conduct a minimum of 5 consultations with supervisor(s) in the semester in which the Dissertation is scheduled and/or failure by the candidate to effect the required improvement on the draft written report as evident in the consultation monitoring forms whereas;
- e) The Dissertation supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
 - f) A copy of the dissertation consultation form shall be held by both the supervisor/s and the student.
 - g) All such cases of unsatisfactory progress in dissertation shall be reported to the Dean two weeks prior to the start of Semester University Examinations.
 - h) If no such case is reported as in (c) above, the dissertation report shall be endorsed by the supervisor and accepted for submission.
- 3.5 Assessment shall be made through CA with at least two oral presentations and written work, and UE with final oral presentation and written dissertation report.
- 3.6 Continuous assessment shall account for 60% (20% for written work and 40% for oral presentation) while the university examination shall account for 40% (27% for written report and 13% for oral presentation) all leading to an assessment of 100%.
- 3.7 The oral presentations of the continuous assessment shall be attended by at least three (3) examiners
- 3.8 The final oral assessment shall be made by a panel of examiners, which shall consist of at least three independent internal examiners.
- 3.9 The assessment of the dissertation written works shall have the following format;
1. Name of Students
 2. Registration number.....
 3. Dissertation Title
 4. Name of Examiner.....
 5. Date

Table 3.1: Marking criteria for dissertation written work assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format of presentation (style, language, word processing etc)	15		
Quality of graphics (charts, maps, design drawings) and general use of illustrations	20		
Material content (contribution to env. Eng. Science and technology)	15		
Literature review and references	10		
Data analysis and interpretation	30		

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Validity and relevance of conclusions and recommendations	10		
Total	100		

3.10 Assessment of the oral presentation shall have the following format.

1. Name of student
2. Registration number.....
3. Dissertation title
4. Name of Examiner
5. Date

Table 3.2: Marking criteria for oral presentation assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Understanding of the problem	20		
Use of illustrations and quality of graphics	15		
Presentation and analysis of data collected	20		
Self expression	20		
Response to questions	25		
Total	100		

- 3.11 The dissertation report shall be word-processed, justified, 1.5 spaced on A-4 sheets, using 12-point font size and Times new roman font type. Any dissertation that does not comply shall not be accepted.
- 3.12 All dissertations must be submitted as loose bound in three copies and a soft copy one week before the start of the University semester examinations. Any dissertation not submitted within the specified period without compelling reasons shall be penalized by deduction from the total score 2 marks for each delayed day for the first five days after which a student shall be deemed to have absconded examination and hence be discontinued from studies.
- 3.13 Each dissertation report shall be marked by two internal examiners appointed by the Head of the department.
- 3.14 A dissertation may be passed as it is, outright failed or passed subject to corrections.
- 3.15 Any dissertation, which is passed subject to corrections, shall be considered to be completed when errors/mistakes/shortfalls pointed out by the examiners have been corrected, and two copies of acceptable hard bound dissertation report, endorsed by at least one of the supervisors and a soft copy are submitted to the Head of Department within three weeks after university examinations. Failure of students to submit the soft copy and hard copies to the Head of department within the specified period without compelling reasons shall be deemed to have absconded examination and hence be discontinued from studies.
- 3.16 Any student who fails in Dissertation shall be given a maximum period of three months to resubmit from the date the senate approves results
- 3.17 Re-submission of dissertation shall be regarded as a supplementary examination, which shall be subject to University General Regulation
- 3.18 A candidate who fails in the re-submission of dissertation shall be required to repeat the course when next offered

4.0 Industrial Training

- 4.1 The students shall be placed at organizations for the period of eight weeks after completion of semester II University examinations.
- 4.2 For BSc. IWERE students shall undertake industrial training at the University campus. The training shall involve learning, practicing, and applying the competencies and practical skills

that underpin the all-round use and application of the full range of ICT tools relevant to the field of resources engineering.

4.3 Assessment of Industrial Training shall be done on three (3) bases using the following format:

Item	Maximum Marks	Marks Awarded	Remarks
Student logbook, which has been verified and assessed by the external (organization) Supervisor	20		
The assessment report of the internal (University) supervisor	20		
The student's final report and presentation before a panel	60		
Total	100		

4.4 Assessment by the internal (University) supervisor shall be distributed as presented in the Table below

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Time the student reported at the IT station (1-3days)	4		
Understanding of work performed	4		
Identification of technical problem(s)	5		
Proposing technical solution(s) to the identified problem(s)	7		
Total	20%		

4.5 The final examination shall be assessed based on student's final report and presentation marks and shall be in the ratio of 1:2 accounting for 20% to 40%, respectively. The format of assessments are presented in Table (i) and (ii)

(i) Assessment of the IT final report shall be assessed as follows:

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format of presentation (style, language, word processing etc.)	2		
Quality of graphics (charts, maps, design drawings) and general use of illustrations	3		
Material content (contribution to Env. Eng. Science and technology)	5		
Identification of technical problem and solution	5		
Validity and relevance of conclusions and recommendations	5		
Total	20		

(ii) Assessment of the IT final presentation shall be assessed as follows;

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Presentation arrangement, time management and language	10		
Existing situation and study conditions at the organization	5		
Relevance of activities carried out to Environmental Science and Technology	5		

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Conclusion and scientific based recommendations	5		
Satisfactory answers to question raised	15		
Total	40%		

- 4.6 An industrial training may be passed as it is or outright failed. A student who fails the industrial training shall repeat the course.
- 4.7 Failure to present or to attend industrial training without compelling reasons, it shall be considered as abscondment case and it leads to discontinuation from studies.
- 4.8 For BSc. IWERE,
- (a) On campus trainers shall assess logbooks and award a total of 20% to students.
 - (b) Assessment by the internal (University) supervisor shall account for 20%.
 - (c) The final examination shall be assessed based on student's final report and presentation marks and shall account for 20% to 40%, respectively. The assessment forms are as presented in section 4.4 and 4.5

5.0 Workshop Training

- 5.1 Continuous assessment in all workshops shall comprise assessments of theories, practical exercises, assignments and tests.
- 5.2 For the purpose of continuous assessment, there shall be three practicals, two assignments and one test for each workshop before the start of University Examinations. The workshops include Building technology; Electrical; Electronics; Carpentry; Building services
- 5.3 Continuous assessment for workshop training shall account for 60% (30% practical exercises, 15% assignment and 15% test) and university examination shall account for 40% all leading to total of 100% marks.
- 5.4 The university examination for workshop training (EG 100) shall account for average of four workshops carried out for the entire academic year
- 5.5 If a student fails university examination, he/she shall supplement a written examination.
- 5.6 If a student fails supplementary examination of workshop training, shall be required to carry the course.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

1.0 Workshop training

- 1.1 Continuous assessment in all workshops shall comprise assessments of theories, practical exercises, assignments and tests.
- 1.2 For the purpose of continuous assessment, there shall be three practicals, two assignments and one test for each workshop before the start of University Examinations. The workshops include Building technology; Electrical; Electronics; Carpentry; Welding
- 1.3 Continuous assessment for workshop training shall account for 40% (20% practical exercises, 10% assignment and 10% test) and university examination shall account for 60% all leading to an assessment of 100%.
- 1.4 The university examination for workshop training (EG 100) shall account for average of four workshops carried out for the entire academic year
- 1.5 If a student fails university examination, he/she shall supplement a written examination.
- 1.6 If a student fails supplementary examination of workshop training, shall be required to carry the course.

2.0 Semester Project Work

- 2.1 Project work assigned to students shall be interdisciplinary and shall be assessed independent of other subjects.
- 2.2 Project work will comprise any task assigned to students by the department in the form of practical work and/or studio work to be carried out in groups.
- 2.3 For the purpose of continuous assessment, there shall be at least two interim oral presentations in each semester where semester project has been prescribed.
- 2.4 Continuous assessment marks shall be derived from group presentation involving all the group members, giving a maximum score of 30%. Group participation shall account for 10% and oral examinations to individuals shall account for 20%. The format of interim oral presentation is indicated in Table 2.1.

Table 2.1: Assessment of in-semester project group oral presentation (Continuous assessment)

Candidate's name	Understanding of the topic	Methodology	Computation and analysis/Implementation	Overall presentation	Response to questions	Total	Marks out of (20%)
Maximum marks	10	30	30	10	20	100	
1							
2							
3							
4							
5							

- 2.5 Three (3) loose bound copies of project reports from each group shall be handed in to the Head of Department by the last Friday preceding semester University Examinations and the same must be endorsed by supervisors before submission. Only then, shall the candidates be allowed to attend the University Examination Oral Examination. Students who fail to observe this rule without any compelling reasons shall be deemed to have failed the project.

- 2.6 Final project work not submitted within specified period without compelling reason shall be regarded as absconded.
- 2.7 Final written project work report shall be submitted in two (2) copies The project report shall be word-processed 1.5-spaced on A-4 sheets, using 12-point font size. The main body shall contain at least 30 pages including drawings and sketches but excluding appendix.
- 2.8 For the purpose of deriving the 70% marks for the semester project University examination, the marks shall be awarded as indicated in Table 2.2.

Table 2.2: University Semester Project Examination Assessment

Assessment Criteria	Maximum marks
Evaluation of the written project report	50
Final oral presentation	20
Total	70%

- 2.9 A panel of at least three examiners shall assess the final oral University Examination.
- 2.10 For the purpose of deriving the 20% indicated for the Final University examination Oral presentation shall be awarded as indicated in Table 2.3.

Table 1.3. Assessment of in-semester project group oral presentation (University Examination)

Candidate's name	Understanding of the topic	Methodology	Computation and analysis/Implementation	Overall presentation	Response to questions	Total	Marks out of (20%)
Maximum marks	10	30	30	10	20	100	
1							
2							
3							
4							
5							

- 2.11 For the purpose of deriving the 50% indicated for the University Final Written works shall be awarded as indicated in Table 2.4. Two assessors shall assess the written work and shall submit to the assessment panel the awarded marks in the format given in Table 2.4 soon after the group presentation. Written work marks for the group shall be discussed by the panel and decided immediately after presentation.

Table 2.4. Assessment of in-semester project final written report (University Examination)

Marking consideration	Maximum marks awarded	Marks awarded
Understanding of the project	15	
Form and format of presentation (Style, typing, language)	15	
Literature review and referencing	15	
Data processing, analysis including Professional Detail Drawings and Sketches	45	
Conclusion and recommendation	10	

Total	100	
Marks out of 50%		

- 2.12 A student who fails in Project Work shall carry the Project Work in the respective semester of the following academic year. Additionally, No appeal shall be allowed to the failed project course.
- 2.13 A student who fails a carried Project Work shall repeat the course when offered in the next academic year.
- 2.14 An unsatisfactory written report (i.e., scoring less than 40% of the final written report marks) will mean a failure in the project.
- 2.15 Each student must pass the final individual oral examination. If a student fails the final oral presentation, (i.e. gets less than 40% of the final oral presentation marks), the marks for the written report shall not be considered. In that case the student shall be deemed to have failed the project.
- 2.16 A semester project, which is passed subject to corrections, shall be considered to be completed when all errors/mistakes/shortfalls pointed out by the examiners have been corrected, and three copies of acceptable hard bound project reports, endorsed by the supervisor are submitted to the Head of Department. Failure to do so without any compelling reasons before the scheduled date for the Examiners Departmental meeting shall cause the project to be failed.

3.0 Industrial Training

- 3.1 Assessment of Industrial Training shall be based on the following three attributes:
- Student logbook verified and assessed by training officer of the organization training the student.
 - Training certificate signed and stamped by the training officer.
 - Arrival note to be received by the department within four (4) weeks from the date of starting the IT.
 - Report by internal (University) supervisor.
 - Student final written report.
 - Oral presentation by the student.
- 3.2 A student who fails to submit any one or more of the documents mentioned in 3.1 a, b, c and e within the time stipulated in the university regulations without compelling reasons shall be deemed to have absconded the Industrial Training course and shall be discontinued from studies.
- 3.3 The assessment of Industrial Training is made by aggregating marks as shown in the Table 3.1.

Table 3.1 Industrial Training assessment

Item	Maximum Marks	Marks Awarded	Remarks
Student logbook, which has been verified and assessed by the external (organization) Supervisor	20		
The assessment report of the internal (University) supervisor	10		
The student's final report and presentation before a panel	70		
Total	100		

- 3.4 Oral presentations shall be held within three weeks after the commencement of immediate academic year.
- 3.5 A student who fails to appear for oral presentation without compelling reason shall be absconded and hence discontinued from studies.

- 3.6 For the purpose of deriving the 10% indicated for the Internal Supervisor (Staff member) shall award as indicated in Table 3.2.

Table 3.2: Internal supervisor assessment

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Time the student reported at the IT station (1-3days)	1		
Understanding of work performed	2		
Identification of technical problem(s)	3		
Proposing technical solution(s) to the identified problem(s)	4		
Total	10%		

- 3.7 For the purpose of deriving the 40% indicated for the Internal Reader shall award as indicated in Table 3.3

Table 3.3: Internal Reader Assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format of presentation (style, language, word processing etc.)	5		
Quality of graphics (charts, maps, design drawings) and general use of illustrations	5		
Material content (contribution to Env. Eng. Science and technology)	10		
Identification of technical problem and solution	10		
Validity and relevance of conclusions and recommendations	10		
Total	40%		

- 3.8 For the purpose of deriving the 30% indicated for the Internal examiner of oral presentation shall award as indicated in Table 3.4.

Table 3.4: Final oral presentation for industrial training

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Presentation arrangement, time management and language	5		
Existing situation and study conditions at the organization	5		
Relevance of activities carried out to Environmental Science and Technology	5		
Conclusion and scientific based recommendations	5		
Satisfactory answers to question raised	10		

Assessment Criteria	Maximum Marks	Marks Awarded	Remarks
Total	30%		

3.9 An industrial training may be passed as it is or outright failed. A candidate who has failed the industrial training shall repeat the course.

4.0 Dissertation

4.1 Each year IV Semester II student shall be required to submit a dissertation based on an independent study carried out during their final year. Dissertations shall be written in Semester II under supervision of Supervisor(s) to be recommended by the Department by the end of year IV Semester I.

4.2 Assessment shall be made through oral presentations, final oral presentation and written dissertation report. The oral presentations shall be attended by at least three (3) examiners.

4.3 Students are required to submit and present their dissertation proposals for preliminary assessment not later than final week of Semester I.

4.4 Students shall be required to present their dissertation proposals for final approval by the department within the first two weeks of Semester II.

4.5 For the purpose of continuous assessment, there shall be two oral presentations

4.6 Unsatisfactory progress in dissertation shall mean failure by the candidate to conduct a minimum of 5 consultations with supervisor(s) in the semester in which the Dissertation is scheduled and/or failure by the candidate to effect the required improvement on the draft written report as evident in the consultation monitoring forms whereas;

a) The Dissertation supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.

b) A copy of the dissertation consultation form shall be held by both the supervisor/s and the student.

c) All such cases of unsatisfactory progress in dissertation shall be reported to the Dean two weeks prior to the start of Semester University Examinations.

d) If no such case is reported as in (c) above, the dissertation report shall be endorsed by the supervisor and accepted for submission.

4.7 Continuous assessment shall account for 20% (each presentation carrying 10%) and University Dissertation Examination comprising an oral presentation and examination of the dissertation report/innovation shall account for 80%. The distribution of the 80% shall be 50% for written report and 30% for oral presentation.

4.8 For the purpose of deriving the 20% for the continuous assessment oral presentation, the format will be as indicated in Table 4.1

Table 4.1: Interim oral Presentation for Dissertation

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Understanding of the Problem	20		
Use of illustrations and quality of graphics	15		
Presentation and analysis of data collected	20		
Self-expression	20		
Response to questions	25		
Total	100		

- 4.9 The assessment of the University examination Oral presentation that accounts for 30% shall be conducted as indicated in Table 4.1.
- 4.10 The assessment of the University Final Written works that accounts for 50% shall be conducted as indicated in Table 4.2

Table 4.2: Final written work assessment

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format of presentation (style, language, word processing etc)	15		
Quality of graphics (charts, maps, design drawings) and general use of illustrations	20		
Material content (contribution to env. Eng. Science and technology)	15		
Literature review and references	10		
Data analysis and interpretation	30		
Validity and relevance of conclusions and recommendations	10		
Total	100		

- 4.11 Students must submit draft dissertation to their supervisors for endorsement before submission of loose bound copies to the department.
- 4.12 Loose bound dissertations must be submitted in three copies and a soft copy a week before the commencement of the university examinations.
- 4.13 Any dissertation not submitted within the specified period shall be penalized by deduction from the total score 2 marks for each delayed day for the first five days after which a student shall be deemed to have absconded examination and hence be discontinued from studies.
- 4.14 Each dissertation report shall be marked by two internal examiners appointed by the Head of the department.
- 4.15 Any dissertation which is passed subject to corrections shall be considered to have been completed only when all mistakes pointed out by examiners have been corrected and endorsed by the supervisor.
- 4.16 The final dissertation report shall be submitted in two (2) copies and a soft copy. The dissertation report shall be word-processed, 1.5 spaced, justified on A-4 sheets, using 12-point font size and Times new roman font type.
- 4.17 Any dissertation that does not comply with school guidelines shall not be accepted.

5. Engineering Drawing

- 5.1 Assessment for Engineering Drawing shall include practical assignment which will account for 40% and tests which will account for 60% of the total 100%.
- 5.2 The assessment shall encompass at least seven practical assignments and two tests.
- 5.3 A student who does not do one of the practical assignments or tests with compelling reasons shall carry the course. Those without compelling reasons shall be regarded to have absconded the course and hence be discontinued from studies.
- 5.4 A student who fails the Engineering drawing course shall carry the course.
- 5.5 The assessment of Engineering Drawing shall be based on evaluation of drawing work and student understands of the subject matter using the following format and marking criteria.

Table 5.1: Marking criteria for assessment of Engineering Drawing

Marking Criteria	Maximum Marks (%)	Marks Awarded	Remarks
Format and arrangement of drawing components (views, choice of scale, dimensions etc.)	20		
Content (correctness of concept and practicability) and completeness of requirements for a drawing.	25		
Neatness, correct choice of pen sizes for different uses, lettering quality, clarity, etc.	20		
Overall quality of the submitted works.	35		
Total	100		

**POSTGRADUATE GENERAL EXAMINATION
REGULATIONS (PGERs)**

POSTGRADUATE GENERAL EXAMINATION REGULATIONS

In addition to the General University Examination Regulations, the following Regulations shall also apply to Master's and PhD programmes

1 Maximum registration period

- 1.1 The maximum time for which a student may remain registered as a Master's by coursework and dissertation student shall be four years for full-time students, five years for part-time students and Five years for executive programmes/modular students.
- 1.2 The maximum time for which a student may remain registered as a Master's student by thesis shall not exceed 4.5 years for full time students and 5.5 years for part time students.
- 1.3 A candidate who fails to complete the study programme within the maximum period of registration shall be discontinued from studies.
- 1.4 Registration for both the programme and courses shall take place during the first two weeks of each semester making up the duration of the programme. A student who exceeds the three/four semester duration of the programme without completing his/her studies shall be required to seek for extension of a study period.
- 1.5 Candidates shall pay extension fees for Postgraduate Study programmes for each month extended beyond normal registration period. Extension fees shall be paid in a span of three months until the registration period elapses. No extension shall be granted after the maximum registration period.
- 1.6 The conduct of Joint or Double Degree Programmes shall be based on the joint agreement between ARU and the participating institutions.
- 1.7 A candidate who has failed a course except prerequisite courses for dissertation shall be allowed to carry the failed course when next offered provided he/she has attained a minimum GPA of 2.7. Pre-requisite courses include: Pre-dissertation, research methodology and proposal development and dissertation 1.
- 1.8 The student who carried a failed course shall be allowed to proceed to the dissertation phase.
- 1.9 The draft thesis shall be reviewed by at least two reviewers before the final examination of the thesis.
- 1.10 There shall be a viva voce examination for all postgraduate programmes.
- 1.11 All postgraduate dissertations/thesis shall be checked for plagiarism before they are accepted. Dissertations/Theses exceeding 25% similarity shall be rejected.
- 1.12 The viva voce examination shall take place only after the School and Senate have been satisfied that the dissertation submitted by the candidate is considered by the examiners to be satisfactory.

2.0 Master's (By Coursework and Dissertation)

- 2.1 Master's by Coursework and Dissertation Programmes can be full-time or part-time. Full-time students shall complete their course work within twelve months from the date of enrolment. Part-time candidates shall complete their coursework within eighteen months. The dissertation shall take six months.
- 2.2 The Master's Programme shall involve full-time day programmes mode; full-time evening programmes mode; and modular programmes mode (part-time, day or evening programmes) or modular executive programme.

- 2.3 Modular executive programmes shall take three years. Coursework for modular programmes shall be completed within twenty four Months and dissertations shall take twelve months.
- 2.4 The credit system shall be used to gauge the workload involved. One credit shall be equivalent to 10 notional hours for both lectures and dissertation.
- 2.5 A candidate in a Master's by coursework and dissertation degree programme shall be required to make at least two seminar presentations, one during the proposal writing stage and the other during research stage before examination or submission of dissertation. The Schools/ Institute shall prescribe assessment mode of the seminars.
- 2.6 A candidate admitted to a Master's programme must register and complete all courses prescribed by the department in order to qualify for the award of the Master's Degree. Departments shall provide a list of electives to be taken in any semester.
- 2.7 Continuous Assessment shall comprise tests, report(s) from field attachment, assessed group work(s), oral presentation(s) or individual reviews of scholarly work(s) (i.e. books, papers in peer reviewed journals or research reports).
- 2.8 Continuous Assessment for taught courses shall account for 40%, while the University Examinations shall constitute 60% of the total marks awarded to a course. Assessment criteria are provided in School/Institute regulations.
- 2.9 The University Examination shall comprise written examination, timed test(s), take-home assignment(s), and oral examination or seminar presentations and papers.
- 2.10 The assessment of the Dissertation shall constitute a Continuous Assessment (CA) and University Examination.
- i) The Continuous Assessment shall be derived from seminar papers/presentations which shall account for 40% of the total dissertation marks.
 - ii) The University Examination Assessment shall be derived from dissertation report examination and viva voce examination which shall account for 60% (40% and 20%, respectively) of the total dissertation marks.
- 2.11 A Dissertation may be passed subject to corrections. Any dissertation which is passed subject to corrections shall be considered to be completed only when the errors/mistakes/shortfalls pointed out by the examiner(s) have been corrected to the satisfaction of the Department and two hard bound copies of the dissertation submitted to the Department.
- 2.12 Failure by the student to submit the corrected version within the period prescribed in the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026) without compelling reasons shall be deemed to have absconded and hence discontinued from studies.
- 2.13 A candidate may be required by his/her department to take some undergraduate courses which shall not contribute to the Master's Degree award.
- 2.14 A candidate whose overall GPA is 2.7 or above but has failed one or more courses, shall be required to sit for a supplementary examination in the failed course(s). This regulation shall not apply to courses which cannot be supplemented.
- 2.15 Supplementary examinations shall be conducted after the Senate approval of the results of the academic year examination as per University Almanac.
- 2.16 A candidate whose overall GPA is below 2.7 shall be discontinued from the programme.
- 2.17 The maximum attainable grade in a supplementary examination or resubmission of a dissertation shall be a "B" grade.
- 2.18 A candidate who fails in any supplementary examination and has a GPA of 2.7 or above may be allowed to repeat failed courses but shall not be allowed to proceed to Dissertation phase.
- 2.19 A candidate who repeats a course and fails in the first sitting examination shall be allowed to supplement the failed course, and if the candidate fails the supplementary examination, he/she shall be discontinued forthwith.

- 2.20 A candidate in consultation with his/her supervisor shall formulate a dissertation research proposal. The proposal shall be approved by the School/ Institute Board for approval.
- (i) A candidate is required to make oral presentation(s) of the proposal to the Departmental Higher Degrees Research and Publications Committee.
 - ii) A candidate shall address all comments from the DHDRPC and submit the same to the Head of Department for endorsement for onward submission to School/Institute Board.
- 2.21 Every dissertation shall be assessed by at least two independent examiners appointed by the School Board and approved by the Senate as follows:
- i) An independent internal examiner who is not a student's supervisor;
 - ii) An External examiner appointed from outside the University.
 - iii) The final examination shall include an oral presentation to a panel of at least three examiners including an external examiner or his/her representative.
- 2.22 For a candidate in a Master's by Coursework and Dissertation programme to qualify for an award, a minimum of 180 credits shall be required, which shall be accumulated from at least two semesters with 120 credits and the dissertation shall have a minimum of 60 credits and for a programme with more than three semesters, a multiple of 60 credits per semester shall apply.
- 2.23 The examination of the dissertation shall be awarded marks and graded; hence the final award of the candidate shall have a GPA value and/or a Grade.
- 2.24 For a candidate to qualify for an award of Master's degree by Coursework and Dissertation, he/she shall produce at least one published article or draft paper manuscript based on his/her research results intended for submission in peer-reviewed journal, the journal being acceptable or recognizable by Ardhi University.
- 2.25 The publishable manuscript shall be submitted and examined together with the dissertation.
- 2.26 Submission of published article from the dissertation in a journal recognized by ARU shall not be examined.
- 2.27 The passing grade for a dissertation shall be a "B" or higher. A candidate scoring below a "B" grade shall be allowed to re-submit the failed dissertation within a period specified in the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026)
- 2.28 A candidate failing in the re-submission may be allowed another re-submission of the dissertation at the discretion of the Senate, and the Senate shall prescribe the time for such re-submission.
- 2.29 A candidate who fails to complete the study programme within the maximum period of registration shall be discontinued from studies.
- 2.30 Master's by Coursework and dissertation students shall make a final presentation to the Departmental Higher Degrees Research and Publications Committee before the dissertations are submitted for examinations. The committee must satisfy itself that the work is to the standard of been sent to examiners.
- 3.0 Master's (By Thesis)**
- 3.1 Having satisfied the admission criteria for Master's degree by thesis, candidates shall submit a two-page statement of the intended research topic (Concept note) to the Departmental Higher Degrees, Research and Publications Committee, as appropriate. On the basis of his/her statement, the School shall assign supervisor(s) to the candidate, and the candidate's studentship commences thereafter.

- 3.2 Master's by thesis students may be required to take compulsory courses that impart knowledge and skills on conduct of research and dissemination of findings.
- 3.3 Candidates will undertake the programme under the guidance of their supervisors in accordance with standing Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).
- 3.4 The assessment of the thesis shall constitute a Continuous Assessment (CA) and University Examination.
 i) The Continuous Assessment shall be derived from interim presentations which shall account for 40% of the total thesis marks.
 ii) The University Examination Assessment shall be derived from thesis examination report and viva voce examination which shall account for 40% and 20%, respectively) of the total thesis marks
- 3.5 A Master's by thesis student shall be required to have his/her proposal approved by the Senate within a maximum period of six months. A student who fails to have his proposal approved shall be deemed to have absconded and shall be discontinued from studies.
- 3.6 Master's students by thesis shall be required to produce two manuscripts with at least one accepted for publication in journals recognized by ARU prior to examination. The publication must emanate from his/her master's research work.
- 3.7 At least two examiners who did not supervise the student and one examiner external to the University shall examine the master's thesis.
- 3.8 The final examination shall include a viva voce session composed of a panel of at least five examiners including one external to the University or their representatives.
- 3.9 All theses/dissertations shall be subjected to plagiarism check using a software which ARU has use license:
 a) The guidelines on the allowed overlap shall not exceed 25%;
 b) If the overlap exceeds 25% the student will be discontinued from studies.
- 3.10 At least one independent internal examiner and one external examiner to the University shall examine the thesis.
- 3.11 The final examination shall include an oral presentation to a panel of at least three examiners including an external examiner or his/her representative.
- 3.12 If a Thesis that is not accepted but may be resubmitted subject to fulfilment of additional requirements by the examiner(s) shall be resubmitted within six (6) months since Senate approval of the results.
- 3.13 A candidate failing in the re-submission may be allowed another re-submission of the thesis at the discretion of the Senate, and Senate shall prescribe the time for such re-submission.
- 3.14 For a candidate to qualify for an award of a Master's by research and thesis degree he/she shall accumulate a minimum of 240 credits. Distribution of credits shall be as prescribed by School/ Institute regulations.
- 3.15 ARU credit transfer guidelines shall apply to students intending to transfer their credits.
- 4.0 PhD**
- 4.1 Registration
- 4.1.1 The maximum time for which a PhD by thesis student may remain registered as a PhD student shall not exceed seven years for full-time student and nine years for part-time student.
- 4.1.2 The maximum time for which a PhD by coursework and dissertation student may remain registered as a PhD student shall not exceed six and a half years for full-time student and seven and a half years for part time students.
- 4.1.3 PhD students (both by Thesis and by Course work and Dissertation) shall be required to have their research proposals approved by the Senate within a maximum period of six months or more as approved by the Senate from the date of registration. The students may for compelling reasons apply for extension not exceeding three months.

A student who fails to have his/her proposal approved by the Senate within a period of six months for no compelling reasons shall be deemed to have failed and shall be discontinued from studies.

4.2 PhD by Coursework and Dissertation

4.2.1 Coursework

4.2.1.1 A candidate whose overall GPA is 2.7 or above but has failed one or more courses, shall be required to sit for a supplementary examination in the failed course(s). Supplementary examinations shall be conducted after the release of the results of the second semester examination in the academic year.

4.2.1.2 A candidate whose overall GPA is below 2.7 shall be discontinued from the programme.

4.2.1.3 The coursework will be offered during the first four semesters. This shall consist of core, specialized and elective courses that shall add up to a minimum of 240 credits. Part-time candidates have to complete their coursework before they are given part-time status.

4.2.1.4 Passing a course shall mean scoring at least a B grade; and the grade combines both Continuous Assessment and University Examinations.

4.2.1.5 Each PhD candidate shall be required to prepare, present and produce two semester papers or reports in any two courses offered in a semester as shall be prescribed by the respective Department in consultation with the Supervisors.

4.2.1.6 The University Examination shall comprise written examination, timed take-home assignments, oral examination or seminar presentations.

4.2.1.7 A PhD candidate shall be required to complete and pass all the prescribed courses before he/she submits and defends his/her dissertation.

4.2.1.8 For a candidate to qualify for the PhD by Coursework and dissertation award he/she shall have at least one accepted manuscript (article/paper) in a peer reviewed journal based on research and the journal shall be acceptable or recognisable by the respective University.

4.3 PhD Dissertation and Write-up

4.3.1 There shall be a dissertation report which shall consist of 300 credits.

4.3.2 A candidate in consultation with his/her supervisors shall prepare a concept note; outlining the problem or issue to be pursued, including the underlying conceptual, theoretical and methodological approaches; and presents it to the relevant Department. Once the concept note is endorsed by the respective Department/School organs and approved by School Higher Degrees Research and Publications Committee, the candidate will be required to develop a comprehensive research proposal.

4.3.3 On the basis of the approved concept note, the School/Institute shall appoint two supervisors to supervise the candidate.

4.3.4 Supervisors shall scrutinize and endorse the draft dissertation proposals before they are submitted to the Departments' and Schools' Higher Degree Research and

Publication Committees for endorsement; and finally to Senate Higher Degrees Research and Publications Committee for further review and approval.

4.3.5 A PhD candidate shall be required to present at least one seminar based on his/her dissertation every six months, to the Departmental Higher Degrees, Research and Publications Committee.

4.3.6 A PhD dissertation may be produced either as a monograph or a compilation of papers.

A PhD candidate opting for monograph shall be required to produce a written report comprising several interlinked chapters that include: Introduction, Literature Review, Methodology, Conceptual and Theoretical Framework, Results, Discussion, and Conclusion and Recommendations. Elaborate guidelines for monograph type of dissertations are provided for in the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2020). Section 4.5.9 also applies for students who have opted for PhD by Monograph.

- a) PhD candidates opting for dissertation by compilation of published papers shall:
 - i. Be required to produce at least three papers emanating from his/her PhD work. At least one paper shall be published and two accepted. The candidate must be the lead author in the three papers published;
 - ii. Ensure that the three papers have been published or accepted for publication in an international journal recognized by ARU. At least one paper must be published/ accepted in a journal with an Impact Factor (ISI) all recognized by the Web of Science. The papers must be published in at least two different journals;
 - iii. The dissertation by published papers shall in addition to the three papers present an elaborate Introductory Chapter that articulates and synthesise key issues presented in the (three) papers. The Chapter shall cover key issues which relate to the methodological, empirical, conceptual and theoretical premises of the three papers. The Chapter shall also present commonalities and or divergences (if any) of the concepts presented in the papers and the implications of the findings. This Chapter ought therefore to strive to lift and raise scholarly debate beyond the arguments presented in the papers; and,
- b) Examination of PhD dissertation shall be open to public, and conducted in accordance with the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2020)

4.4 PhD by Thesis

4.4.1 The registration period for the programme shall normally be 3 years for full-time students and up to 5 years for part-time students.

4.4.2 Enrolment for the programme shall be at any time in the academic year.

4.4.3 The assessment of PhD thesis will be conducted as per the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2020).

4.4.4 Students may be required to take courses that impart knowledge and skills on conduct of research and dissemination.

4.4.5 A candidate in a PhD by Thesis degree programme shall be required to make at least one seminar presentation after every six months.

4.4.6 At least one independent internal examiner and two examiners external to the University shall examine the thesis.

- 4.4.7. The final examination shall include a viva voce session composed of a panel of at least five examiners including two examiners external to the University or their representatives and an internal examiner and two examiners who did not supervise the student.
- 4.4.8. For a candidate to qualify for the PhD award shall accumulate a minimum of six semesters with 540 credits
- 4.4.9. Research supervisors shall be members of the viva voce panel but without voting power.
- 4.4.10. PhD by thesis submitted as a monograph shall be accepted for examination after having at least one published paper and at least two accepted manuscripts in a peer reviewed journal based on research and the journal should be acceptable or recognizable by the University.
- 4.4.11. The PhD Thesis/dissertation may be submitted either as a single monograph or journal papers. PhD by papers shall be governed by the following conditions:
 (a) The candidate shall submit at least 3 journal papers with introduction and conclusion chapters;
 (b) The journal papers must be recognized by the University;
 (c) The candidate must be the principal author in all journal papers submitted for the award of a PhD degree. The approved supervisors shall be co-authors.
- 4.4.12. PhD by thesis student shall make a final presentation to the Departmental Higher Degrees Research and Publications Committee before the thesis is submitted for examinations. The committee must satisfy itself that the work is to the standard of being sent to examiners

4.5 Transfer of students

- 4.5.1. ARU shall allow a postgraduate student to transfer to another University or to join ARU based on transfer arrangements mutually agreed between the sending and ARU and certified by the TCU.
- 4.5.2. A transfer of a postgraduate student shall take into consideration availability of positions at ARU of needed training resources, academic support and supervision capacity.
- 4.5.3. A supervisor of a postgraduate student transferring to ARU can transfer his/her supervisor(s) to ARU upon approval of ARU Senate.
- 4.5.4. Students transfer shall be guided by ARU Credit Transfer Guidelines.

4.6 Viva Voce for PhD students

- 4.6.1. ARU shall ensure that each PhD candidate in the University shall appear for a viva voce examination in addition to writing a thesis as part of the assessment of the PhD thesis and to validate and authenticate the candidate's work.
- 4.6.2. The viva voce examination shall take place only after the School/Institute Board handling postgraduate studies and Senate have been satisfied that the thesis submitted by the candidate is considered by the examiners to be of acceptable standard.
- 4.6.3. For double or joint degree programmes, the conduct of viva voce shall take place based on the joint agreement between the participating universities.
- 4.6.4. The members of the viva voce panel shall be so selected as to ensure that sufficiently qualified and experienced scholars in the research or related area examine the candidate.
- 4.6.5. The viva voce examination shall comprise of at least five but not exceeding seven examiners (panel members) who are experts in the relevant field of the Thesis appointed by the Senate through the relevant College /School /Institute Board and the Board of the relevant academic unit handling postgraduate studies and shall be constituted as follows:
 i. Chairperson with voting power who shall also be the representative of the Principal/Dean/Director;
 ii. 1st External Examiner who examined the thesis or his/her representative;

- iii. 2nd External examiner
- iv. Internal examiner
- v. Independent examiner
- vi. Research Supervisor who supervised the student – without voting power
- vii. Head of Department where the candidate is registered or his/her Appointee – without voting power.

4.6.6 The Chairperson of the viva voce panel shall be a senior academician.

4.6.8 Where the panellists are unable to reach a unanimous agreement as to whether the candidate passes or fails, a vote shall be taken to arrive at a decision and a majority vote in favour of passing the candidate shall be required for passing a viva voce examination.

4.6.9 The number of viva voce panellists should be odd.

4.6.10 The duration of the viva voce examination shall not exceed three hours arranged in the following order: (a) maximum of 45 minutes of an oral presentation; (b) maximum of 1 hour and 45 Minutes of questions and answers; and (c) maximum of 30 minutes of deliberations.

4.6.11 A viva voce examination shall be open to the general public but non-members of the viva voce panel shall be just observers.

4.7 Credit Transfer

4.7.1 All candidates aspiring to transfer credits shall be required to follow the ARU Guidelines and Procedures for Credit Accumulation and Transfer and Tanzania Commission for Universities (TCU) University Qualification Framework.

4.7.2 The School/Institute shall assess the credit value of courses that are transferrable to ARU and accordingly recommend for endorsement/approval by the University organs as appropriate.

5 Use of Artificial Intelligence

5.1 The use of AI shall be consistent with ARU Policy related to Artificial Intelligence.

**SCHOOLS' POSTGRADUATE EXAMINATION
REGULATIONS**

**EXAMINATION REGULATIONS FOR
POSTGRADUATE PROGRAMMES IN THE SCHOOL
OF ARCHITECTURE, CONSTRUCTION
ECONOMICS AND MANAGEMENT**

Examination Regulations for Postgraduate Programmes in the School of Architecture, Construction Economics and Management

In addition to the General University Examination Regulations and Postgraduate Examinations Regulations, the following regulations shall apply to the Postgraduate programmes which include Master's and PhD programmes in the School of Architecture, Construction Economics and Management.

A MASTER OF ARCHITECTURE, PHD IN ARCHITECTURE AND PHD IN URBAN DESIGN

1.0 Master of Architecture

- 1.1 Students who are admitted to the M. Arch. Programme must complete all prescribed courses, which amount to 204 credits.
- 1.2 The mode of delivery shall be both face-to-face and online (blended). However, all tests and end-of-semester examinations shall be conducted physically or on approved online platforms
- 1.3. Courses shall be assessed, and grades awarded within the semester in which they are completed.
- 1.4 Completing a course shall mean scoring at least B grade. Course work in subjects other than studio projects shall include two tests and two assignments in each course in each semester. Course work assessment through continuous assessment shall make up 40% while final examination makes up 60% of the final grade in that course. Design studio and Dissertation shall be assessed through three interim presentations (continuous assessment). Studio assessment shall be made up of continuous assessment 60% and final presentation 40%.
- 1.5 Coursework in subject other than studio shall comprise assignment, test, seminar. For purpose of coursework assessment, test shall comprise 20% and test will comprise 20%. The studio work shall be assessed as Assessment criteria are as shown in Table 1.1-1.5.

Table 1.1: AR 701 Design Studio: Assessment Criteria (Coursework and University Examination)

Marking Consideration	Maximum marks	Marks Awarded	Remarks
Project formulation and appraisal of an architectural project	15		
Analysis and presentation of contextual aspect of the design	25		
Comprehensive scheme design to substantiate use of materials, hi-tech construction, energy conservation and services.	25		
Architectural concept as a practical expression of the solution to specific architectural problem	15		
Evidence of buildability, environmental impact assessment and climatic design consciousness.	10		
Completeness of assignment i.e. design brief, drawings, and models (physical or computer simulations).	10		
Total	100		

Candidate's name:

Panel Chairman name: Signature.....

Date:

Name and signatures of other assessors:

1.
2.

- 1.6 No student shall be allowed to supplement design Studio Project.
- 1.7 Student who fails design studio subject shall be repeat the course. A student shall be allowed to repeat the failed course only once.
- 1.8 All carried forward courses shall be attempted in the subsequent year within the registration period at Student's costs. A student who fails to attempt the carried forward courses within the registration period shall be considered to have absconded and therefore discontinued from studies.
- 1.9 a) The Research Methodology and Proposal Development course for M. Arch shall be assessed through continuous evaluation and a final written submission. Continuous assessment shall consist of three oral interim presentations, which shall be treated as Continuous Assessment. The final assessment shall comprise the submission of a written research proposal.
b) The interim oral presentation for research proposal shall be assessed by a panel of at least two (2) academic staff members.
- 1.10 Research Methodology and Proposal Development is a prerequisite course for the Dissertation
- 1.11 a) A candidate who fails to attain the minimum required mark of 50% (Grade B) in the Research Proposal shall be required to re-submit a substantially revised and improved research proposal within three (3) months from the date of approved Pre-requisite results by senate.
b) Failure to re-submit the proposal within the stipulated period shall result in discontinuation from studies .
c) A candidate who re-submits the proposal but still fails to attain the minimum required mark shall be required to repeat the course.

2.0 Dissertation

- 2.1 A candidate shall be required to make oral presentation(s) of the Proposal to the Department's Higher Degrees, Research and Publications Committee by the second week of first semester of second year for endorsement. Such presentation shall not be graded. Then Thereafter, the HoD shall submit the endorsed proposals to the school board for approval
- 2.2 a)Assessment of dissertation shall comprise continue assessment and final examination
b) Continuous Assessment shall comprise minimum of three oral interim presentation which total marks is 40%, while the University Examination shall consist of the final written dissertation report 40% and viva voce which is 20%
- 2.3 A student shall be required to attend minimum of two interim presentations in the panel of minimum of three academic staff. The student will be assessed and awarded marks for continuous assessment. The continuous assessment shall comprise 40% of the total marks. The assessment criteria as indicated in Table 2.1 to 2.4

Table 2.1 AR 799 Dissertation: Assessment Criteria First Presentation (Coursework)

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Understanding of the research topic	10		
Formulation and clarity of the research problem	15		
Clarity of the research objectives and questions	20		
Clear formulation of suitable research methods, explaining reasons of suitability over other methods.	15		

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Justification of case study selection	10		
Completeness of the research proposal i.e. logical flow and contents of the research proposal, extent of literature review, consistence and correctness of citations, quotations, references, and appendices.	25		
Communication skills (language, quality of graphics, expressions...)	5		
Total	100		

Candidate's name:

Panel Chairman name: Signature.....

Date:

Name and signatures of other assessors:

1.
2.

Table 2.2 AR 799 Dissertation: Assessment Criteria Second Presentation (Coursework)

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Adherence and response to comments given during first presentation	10		
Presentation of applied methods and encountered problems	10		
Case study findings: Sufficiency and relevancy of collected data (literature, maps, photographs, pictures, drawings,) lessons and recommendations	35		
Conceptual framework and analysis framework	20		
Completeness of the case of study i.e., logical flow and contents of the report of the case study, extent of literature review, consistence and correctness of citations quotations, references, and appendices	15		
Communication skills (language, quality of graphics, expressions,....)	10		
Total	100		

Candidate's name:

Panel Chairman name: Signature.....

Date:

Name and signatures of other assessors:

1.
2.

Table 2.3 AR 799 Dissertation: Assessment Criteria Third Presentation (Coursework)

Marking Consideration	Maximum Marks	Marks Awarded	Remarks
Adherence and response to comments given during second presentation	10		
Presentation of Research findings	40		
Logical flow and contents of preliminaries and chapters, extent of literature review, consistence and correctness of citations, quotations, references, and appendices	25		
Conclusions and recommendations	15		
Communication skills (language, quality of graphics, expressions,.....)	10		
Total	100		

Candidate's name:

Panel Chairman name: Signature.....

Date:

Name and signatures of other assessors:

1.

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- 2.4 A student who fail to attend two interim oral presentation without compelling reason shall be absconded the course
- 2.5 Assessment of final dissertation report and viva voce shall be guided by general postgraduate regulations

3 Master of Architecture (By Thesis)

- 3.1 The assessment of Master's Degree in Architecture by Thesis shall be conducted as per General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026)
- 3.2 A candidate in a Master's by thesis programme shall be required to make at least three seminar presentations, one during the proposal writing stage and the other two during the research stage before examination. The Department must satisfy itself that the thesis is of the acceptable standards before it is sent to examine
- 3.3 The assessment of the thesis shall constitute a Continuous Assessment (CA) and University Examination. The Continuous Assessment shall be derived from three (3) marked oral presentations which shall account for 40% of the total dissertation marks
- 3.4 a) The University Examination Assessment shall be derived from thesis report examination (40%) and viva voce examination (20%) which shall account for 60% of the total thesis marks
- b) The written thesis report shall be assessed by one internal examiner and one external examiner as stipulated in postgraduate general university examination. Final Oral presentations (viva voce) shall be assessed by panel of staff members as stipulated in General postgraduate regulation

4 PhD in Urban Design by Coursework and Dissertation

The assessment shall be guided by General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University.

5 PhD in Architecture (By Thesis)

The assessment of PhD by thesis shall be conducted as per General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University.

B EXAMINATION REGULATIONS FOR MASTER OF SCIENCE IN CONSTRUCTION ECONOMICS AND MANAGEMENT, MASTER'S IN PROJECT MANAGEMENT AND PhD

1.0 General Regulations

- 1.1 To be awarded Master of Science in Construction Economics and Management degree, students must be admitted and complete all the prescribed courses in this programme, which amount to 188 credits.
- 1.2 To be awarded master's in project management degree, students must be admitted and complete all the prescribed courses in this programme, which amount to 182 credits
- 1.3 The mode of delivery shall be both face-to-face and online (blended). However, all tests and end-of-semester examinations shall be conducted physically (on campus).or on approved online platforms
- 1.4 Passing a course shall mean scoring at least B grade, which combines continuous assessment and University examination at the end of each semester. Continuous assessment in theoretical subjects shall account for 40%, while the University examination accounts for 60%.
- 1.5 Coursework for theoretical subjects will comprise assignment, test, seminar. For purpose of coursework assessment, test shall comprise 20% and test will comprise 20%
- 1.6 Each student for the MSc. CEM programme shall be required to develop and submit dissertation proposal on the construction economics and management theme in Semester II year 1 (as part of Research Methodology and Proposal Development Course) and write a dissertation in Semester I, year 2.
- 1.7 Each student of the MPM programme shall be required to develop and submit a dissertation proposal on the Project Management theme in Semester I year II (as part of Research Methodology and Proposal Development Course) and write a dissertation in Semester II Year II
 - a) The Research Methodology and Proposal Development course for MSc CEM and MPM shall be assessed through continuous evaluation and a final written submission. Continuous assessment shall consist of three oral interim presentations and shall carry 50% Marks. The final examination assessment shall comprise the submission of a written research proposal which carry 50% Marks.
 - b) The interim oral presentation for research proposal shall be assessed by a panel of at least two (2) academic staff members. Assessment for Oral presentations shall be as shown in table 1.1 to 1.3, and the submitted written research proposal shall be assessed as indicated in table 1.4.
- 1.9 Research Methodology and Proposal Development is a prerequisite course for the Dissertation
- 1.10
 - a) A candidate who fails to attain the minimum required mark of 50% (Grade B) in the Research Proposal shall be required to re-submit a substantially revised and improved research proposal within three (3) months from the date of approved Pre-requisite results by Senate.
 - b) Failure to re-submit the proposal within the stipulated period shall result in discontinuation from studies.
 - c) A candidate who re-submits the proposal but still fails to attain the minimum required mark 50% (Grade B) shall be required to repeat the course in accordance with the University regulations.

Table 1.4: Criteria for Assessment of Written Research Proposal (During Semester Examinations Period)

	Candidates Name	Title/topic & statement of the problem	Literature review	Research objectives	Research questions	Theoretical & conceptual framework	Methodology	Analytic methods	Citation and references	Total	Mark awarded
	Points/marks	8	8	4	4	8	8	4	6	50	
1											
2											
3											

2.0 Dissertation Regulations

- 2.1 Dissertations are individual research work conducted under the research/dissertation supervisor nominated by the department and approved by the Senate as per the University procedures.
- 2.2 a) A candidate in MSc CEM shall be required to make oral presentation of the Proposal to the Department's Higher Degrees, Research and Publications Committee on by second week of first semester of the second year for endorsement.
 b) A candidate in MPM shall be required to make oral presentation of the Proposal to the Department's Higher Degrees, Research and Publications Committee on by second week of second semester of the second year for endorsement.
 c) Such presentation shall not be graded. Then thereafter the HoD shall submit the endorsed proposals to the School Board for approval.
- 2.3 a) The assessment of the Dissertation shall constitute a Continuous Assessment (CA) and University Examination.
 b) Continuous Assessment shall comprise the interim presentation which is 40%, while the University Examination shall consist of the final written dissertation report and viva voce which is 60%. The interim oral presentation shall be assessed based on criteria as Table 2.1 and 2.2
- 2.4 a) Final written Dissertation report shall carry 40% while Dissertation Viva Voce shall carry 20%
 b) The written dissertation work shall be assessed by one internal examiner and one external examiner as stipulated in postgraduate general university examination and postgraduate guidelines 2026
 c) Viva voce presentation shall be assessed in panel as stipulated in general university regulations and postgraduate guidelines (2026)

Table 2.1: Assessment Criteria for First Marked Oral Presentation

Assessment Criteria	Marks
Response to remarks on unmarked presentation on proposal approval	2
Comprehension of the issues	4
Research objectives & questions	4
Conceptual framework	4
Methodology	4
Response to questions raised	2
Total	20

Table 2.2: Assessment Criteria for Second Oral Presentation

Assessment Criteria	Marks
Response to remarks on first presentation	2
Comprehension of the issues	4
Research objectives & questions	4
Conceptual framework	4
Methods/data collection tools	4
Consultation with supervisors	2
Total	20

3.0 Master's (By Thesis)

- 3.1 The assessment of Master's Degree in Construction economics and Management and Masters of Project management by Thesis shall be conducted as per General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026)
- 3.2 A candidate in a Master's by thesis programme shall be required to make at least three seminar presentations, one during the proposal writing stage and the other two during the research stage before examination. The Department must satisfy itself that the thesis is of the acceptable standards before it is sent to examiners
- 3.3 The assessment of the thesis shall constitute a Continuous Assessment (CA) and University Examination. The Continuous Assessment shall be derived from three (3) marked oral presentations which shall account for 40% of the total dissertation marks
- 3.4 a) The University Examination Assessment shall be derived from thesis report examination (40%) and viva voce examination (20%) which shall account for 60% of the total thesis marks
b) The written thesis report shall be assessed by one internal examiner and one external examiner as stipulated in postgraduate general university examination. Final Oral presentations (viva voce) shall be assessed by panel of staff members as stipulated in General postgraduate regulation

4.0 PhD (By Thesis)

The assessment to be carried out as per Postgraduate General University Regulations (2026).

**EXAMINATION REGULATIONS FOR
POSTGRADUATE PROGRAMMES IN THE SCHOOL
OF SPATIAL PLANNING AND SOCIAL SCIENCES**

Examination Regulations for Postgraduate Programmes in the School of Spatial Planning and Social Sciences

In addition to the General University Examination Regulations and Postgraduate Examinations Regulations, the following regulations shall apply to the Postgraduate programmes which include Master's and PhD programmes in the School of Spatial Planning and Social Sciences.

A. MASTER OF SCIENCE IN URBAN PLANNING AND MANAGEMENT AND MASTER OF SCIENCE IN TRANSPORTATION SCIENCES

1.0 General Regulations

- 1.1 A minimum of 196 Credits for Masters of science in Urban Planning and management and; 192 credits for Masters of Transportation Sciences shall be completed to satisfy the coursework requirement before proceeding to the dissertation phase.
- 1.2 Completing a course shall mean scoring at least B grade. Course work in courses other than Studio projects shall include two tests and two assignments in each course in each semester.
- 1.3 Delivery mode shall be blended (face to face and online)
- 1.4 The University Examination for theoretical courses shall carry a weight of 60% and 40% for studio.
- 1.5 For the purpose of continuous assessment in all taught courses (except studio), there shall be a minimum of two home works/Assignments and two Written Tests under examination conditions per semester. Written tests shall carry a weight of 2 against a weight of 2 for assignments, all leading to an assessment of 40%.
- 1.6 The assessment criteria for Course Work and University Examination in studio/project/evaluation paper courses shall be guided whereas:
Course Work for studio project shall constitute at least four (4) presentations and or report/paper submissions carried out during the period of 15 weeks of a semester. Studio assessment shall be made up of continuous assessment 60%.
- 1.7 No student shall be allowed to supplement Studio/project/evaluation paper. Student(s) who fails in Studio/project/evaluation paper shall be discontinued.
- 1.8 In- Semester Field Work
There shall be a 10 days in-semester field work in year 1 Semester 2 for UPM and Transportation Sciences programme.
- 1.9 A student who fails to complete/attend in- semester fieldwork with compelling reasons shall be required to repeat the studio
- 1.10 A student who failed to complete/attend in- semester fieldwork without compelling reasons shall fail the relevant evaluation paper/project shall repeat and clear the failed course when next offered before proceeding with subsequent semester.
- 1.11 The final Evaluation Project Paper for UPM programme and Project for Transportation Sciences Programme which is individually based, shall be examined in three major components namely; pre-field work; field work and post-field work.

Table 1.1 Assessment Criteria for Pre-field activities

Assessment Criteria	Marks
Understanding of the project topic	3
Literature Review	4
Evaluation Criteria	3
Methodology	5
Total	15

Table 1.2 Assessment Criteria for Field Activities

Assessment Criteria	Marks
Data collection tools	8
Stakeholders' engagement	3
Data Collection	8
Data gap identification	3
Initial analysis on data collected	3
Total	25

Table 1.3 Assessment Criteria for Post-field Activities

Assessment Criteria	Marks
Data analysis	10
Clarity of issue and comprehension	3
Synthesis of Project evaluation	8
Creative/innovative thinking	3
Linking theories and practice	6
Total	30

1.12 The coursework assessment shall be done by the Supervisor and shall constitute 60% of the final grade.

1.13 Students shall make final oral presentation to at least three academic members of the staff in the presence of Supervisor (s) of the paper and written evaluation report (paper) as final University Examination and shall constitute 40% of the final grade.

Table 1.4 Assessment Criteria for Final Oral Presentation

Assessment Criteria	Marks
Understanding of the project	3
Clarity of evaluation criteria	3
Methodology	1
Discussion on Theories and Practice	1
Creative/innovative solutions	2
Total	10

1.14

Submission of studio/evaluation paper/project Report

- (i) First studio/evaluation paper/project report shall be submitted for examination during final studio/evaluation paper/project presentation
- (ii) The final Studio/evaluation paper/project report shall be submitted upon incorporation of the comments provided during final studio/evaluation paper/project presentation and the report shall be submitted to the HoD within seven (7) days after completion of semester examination in the respective year.
- (iii) Students who fail to submit the final studio report shall be considered to have Incomplete Results

2.0 Internship Regulations

2.1 There shall be 8 weeks internship for students undertaking Masters of Transportation Sciences in year 2 Semester 1

2.2 Each student on Internship shall be visited and assessed by an examiner from the school at least once during the internship period.

2.3 **A student shall be assessed by a panel of at least 3 examiners including a supervisor who visited the internship placement**

2.4 (a) Table 2.1 Assessment of internship shall be awarded marks as follows:

Assessment Criteria	Maximum marks
Student logbook, which is assessed by the external (organization) Supervisor and verified by the supervisor/examiner from the school	40%
Presentation before a panel	20%
The student's final report	40%
Total	100

Table 2.2 Assessment of Criteria for internship Presentation:

Assessment Criteria	Maximum marks
Topic/Thematic area	2
Objectives	5
Activities Conducted	5
Knowledge and innovative solution developed	4
Skills and competence	4
Total	20

Table 2.3 Assessment of Criteria for internship Final Report:

Assessment Criteria	Maximum marks
Topic/Thematic area	3
Objectives	7
Activities Conducted	10
Knowledge and innovative solution developed	10
Skills and competence	5
Report Organization and Citation/references	5
Total	40

2.4 (b)

Submission of internship Report

- i. First internship report shall be submitted for examination in the last day of teaching session in the respective semester.
- ii. The final internship report shall be submitted upon incorporation of the comments provided after the final internship report is examined and the report shall be submitted to the HoD within seven (7) days after the report is returned for correction in the semester of the respective year.
- iii. Students who fail to submit the final internship report shall be considered to have Incomplete Results.

2.5 Any Student who does not hand in internship logbook to the Head of Department with compelling reasons, shall repeat/clear the internship prior to continuing with semester II year II.

2.6 Any Student who does not hand in internship logbook to the Head of Department within two weeks after the completion of 8 weeks placement without compelling reasons, shall be regarded to have absconded the internship and shall be discontinued from studies.

2.7 A student who does not report at internship allocated placement without compelling reasons shall be regarded to have absconded the internship and shall be discontinued from studies

2.8 A student who does not report at internship allocated place with compelling reasons, shall repeat/clear the internship prior to continuing with semester II year II.

2.9 A Student shall hand in his/her logbook to the Head of Department not later than two weeks after the the completion of 8 weeks placement.

2.10 A student who fails in internship shall be required to repeat the internship when next offered and clear it prior to proceeding to the semester II of year 2.

2.11 A student who fails a repeated internship shall be discontinued from studies

3.0 Dissertation I Regulations

- 3.1 The Ardhi University General Postgraduate Guidelines for preparation of dissertation shall apply.
- 3.2 At the beginning of Semester I of year I; semester II of year I, and semester I of year II for full time and evening studies, respectively, students shall be assigned supervisors
Both students and supervisor shall sign a consultation form (Appendix One) every time they meet for consultation. A copy of the consultation form shall be submitted to the panel of examiners during each planned presentation.
- 3.3 A student for full time or evening Master's programme in consultation with his/her supervisor(s) shall formulate a Dissertation Research Proposal in the respective semester as stated in the curriculum.
- Each student in consultation with supervisor (s) shall formulate Dissertation research proposal-(Research Methodology and Proposal Development) in Semester 2 of the programme for all students registered as full time students in UPM,
 - Each student in consultation with supervisor (s) shall formulate Dissertation research proposal-(Research Methodology and Proposal Development) in Semester 1 of year two for URPM programme and, semester 1 of year two for Transportation Science and UPM evening programme.
- 3.4 A student will be required to make oral presentation(s) of the Proposal to the Department's Higher Degrees, Research and Publications Committee for endorsement. Such presentations shall be graded. Then after the HoD shall submit the endorsed proposals from the Department's Higher Degrees, Research and Publications Committee to the school board for approval
- 3.5 A candidate for Master's evening programme, in consultation with his/her supervisor shall formulate a Dissertation Research Proposal during the first semester of the second year of study. The supervisor shall endorse the proposal and a candidate shall be required to make oral presentation(s) of the proposal to the Department's Higher Degrees, Research and Publications Committee for endorsement. Such presentation(s) shall be graded. Then after the HoD shall submit the endorsed proposals from the Department's Higher Degrees, Research and Publications Committee to the school board for approval
- 3.6 Progress in dissertation proposal preparation shall be monitored through three marked oral presentations and consultation with the supervisors which will constitute the continuous assessment for dissertation One. The criteria for marking are as provided by Table 1.1, Table 1.2, Table 1.3 and Table 1.4.

Table 2.1: Assessment Criteria for First Oral Presentation

Assessment Criteria	Marks
Understanding of the topic	3
Clarity of research issue and comprehension	3
Relevance of topic to the profession	1
Creative/innovative thinking	1
Response to questions raised	2
Total	10

Table 2.2: Assessment Criteria for Second Oral Presentation

Assessment Criteria	Marks
Response to remarks on first presentation	1
Comprehension of the issues	2
Research objectives & questions	2
Literature Review (Conceptual/Theoretical framework)	5
Total	10

Table 2.3: Assessment Criteria for Third Oral Presentation

Assessment Criteria	Marks
Response to remarks on first presentation	1
Comprehension of the issues	1
Research approach and design	2
Methods/ data collection tools	3
Data Analysis	3
Total	10

Table 2.4: Assessment Criteria for consultation with supervisor

Assessment Criteria	Marks
Consultation on title and comprehensive issue development	4
Consultation on literature, theoretical/conceptual framework development	3
Consultation on methodology development	3
Total	10

- 3.7 A Continuous Assessment in dissertation I shall comprise of three oral presentations, written reports, and endorsement of supervisor consultation forms, and shall carry a total of 40%.
- 3.8 Final Dissertation Examination shall carry 60% and distributed in a ratio of 2:1 (40% for Written Dissertation Report and 20% for Dissertation Viva Voce).
- 3.9 Each student shall submit three loose bound copies of the written Dissertation Proposal (Dissertation I) to the department on the 15th week of Semester II. The proposal should not exceed 25 pages in length, typed in 12-point font (Times New Roman, CG Times or Times) and have 1.5 spaced lines). The Department shall evaluate, approve and examine the candidate's Dissertation proposal (Dissertation I), using criteria stated in Table 2.5

Table 2.5: Criteria for Assessment of Written Dissertation I (During Examinations Period)

Assessment Criteria	Marks
Title/topic	4
Statement of the problem	8
Research objectives	4
Research questions	4
Conceptual framework	5
Methodology	5
Analytic methods	4
Citation and references	6
Total	40

Table 2.6: Criteria for Assessment of Oral Dissertation I (During Examinations Period)

Assessment Criteria	Marks
Title/topic	2
Statement of the problem	4
Research objectives	2
Research questions	2
Conceptual framework	3
Methodology	2
Analytic methods	2
Citation and references	3
Total	20

- A student who shall have less than five (5) consultations with supervisor(s) shall be considered to have unsatisfactory progress and shall be barred from sitting for Research Methodology and Proposal Development Examination (Dissertation I).
- 3.11 Unsatisfactory progress in Dissertation I shall mean failure by the candidate to conduct a minimum of 5 consultations with his/her supervisor(s) in the semester in which the Dissertation I is scheduled and/or failure by the candidate to effect required improvements on a draft written report as evident in the consultation monitoring form whereas;
- a) The Dissertation I supervisor(s) and students shall sign a Consultation Monitoring Form after every consultation session.
- b) A copy of the Dissertation I consultation form shall be held by both the supervisor/s and the student.
- c) All such cases of unsatisfactory progress in Dissertation I shall be reported to the Dean two weeks prior to the start of Semester University Examinations.
- 3.12 A student who fails Research Methodology and Proposal Development shall be required to resubmit the proposal within three (3) months after approval of the results by the Senate. Failure to resubmit, the student shall be deemed to have absconded and shall be discontinued from studies.
- 3.13 Any student who fails in Dissertation I shall be given a maximum period of three months to resubmit from the date the senate approves results
- 3.14 Re-submission of dissertation I shall be regarded as a supplementary examination, which shall be subject to University General Regulation
- 3.15 A candidate who fails in the re-submission of dissertation I shall be required to repeat the course when next offered
- 3.15 Re-submission of dissertation I shall be regarded as a supplementary examination, which shall be subject to University General Regulation
- 3.17 A candidate who fails in the re-submission of dissertation I shall be required to repeat the course when next offered

4.0 Dissertation II Regulations

- 4.1 Each student shall write a Dissertation II in semester I or II of the second year of a full time and part time programme (MSc. UPM and Transportation Sciences). Assessment of dissertation shall comprise of course work and final examination.
- 4.2 At the beginning of the second year of study, the school shall prepare and publish presentation schedules for Dissertation II.
- 4.3 Every student shall attend the presentations and present the progress made. The student will be assessed and awarded marks for coursework. The coursework shall comprise 40% of the total marks.
- 4.4 A student who fails to attend the presentations without compelling reasons shall be deemed to abscond and shall be discontinued from studies
- 4.5 For the purpose of continuous assessment, each student shall prepare and present two (2) seminar papers per semester, which are related to his/her dissertation II work. Seminar papers shall be assessed and contribute 40% of the total dissertation marks.
- 4.6 Seminar papers shall be assessed by a panel of at least 3 internal examiners including supervisor(s) of the student. The assessment of seminar paper shall comprise of oral presentation and a written scientific paper.
- 4.7 The assessment sheet for the seminar paper presentation shall have the following format:

Table 3.1 Assessment Criteria for Seminar and Scientific paper

Marking Criteria	Maximum Marks	Marks Awarded
Clarity of the research issue	10	
Methodology	15	
Theoretical/conceptual framework	15	
Data analysis and interpretation	20	

Discussion of results	20	
Conclusions	10	
Response to Questions	10	
Total	100	

The marks for the written scientific seminar paper and oral presentation of the same shall be in the ratio of 4 to 1 of the 40%.

- 4.8 Students who are admitted to all Masters Programmes by coursework and dissertation run by the school shall produce at least one publishable manuscript prior to award of the degree.
- 4.9 Viva Voce assessment of the thesis will be according to postgraduate guidelines.
- 4.10 The candidate final marks shall be calculated after all assessments are done.
- (a) Continuous assessment (40%)
 - (b) Written dissertation (40%) and,
 - (c) Viva Voce (20%)
 - (d)
- 5.0 **AI Regulations**
- 5.1 AI shall be applied ethically and wisely and guided by the University AI Policy

**EXAMINATION REGULATIONS FOR
POSTGRADUATE PROGRAMMES IN THE SCHOOL
OF EARTH SCIENCES, REAL ESTATE, BUSINESS
AND INFORMATICS**

Examination Regulations for Postgraduate Programmes in the School of Earth Sciences, Real Estate, Business and Informatics

In addition to the University General Examination Regulations, General Postgraduate Examinations Regulations and General Regulations and Guidelines for Postgraduate Study programmes of Ardhi University the following regulations shall apply to the Postgraduate programmes in the School of Earth Sciences, Real Estate, Business and Informatics

A School General Examination Regulations for Postgraduate Programmes

1.0 General Regulations

Enrolment and registration to postgraduate programmes shall be governed by GUERs, General Postgraduate Examinations Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).

2.0 MSc by Coursework and Dissertation Programmes

2.1 A candidate shall be required to complete the prescribed training in all courses as stipulated in the respective curricula. The assessment of each course shall comprise a Continuous Assessment (CA) and a final University Examination (UE). Unless otherwise specified in a specific course, the CA shall account for 40% while the UE shall account for 60% of the total course marks.

2.2 Completion of coursework component shall require a candidate to pass a minimum number of credits before proceeding to the dissertation stage:

- i) A total of 120 credits for MSc. in Real Estate Business, MSc. in Real Estate Valuation, MSc in Land Administration and MSc in Real Estate Economics and Finance.
- ii) A total of 174 credits for Master of Science in Geomatics (M.Sc. Gm)
- iii) A total of 180 credits for Master of Science in Geographic Information Science (GIS)
- iv) A total of 190 credits for Master of Science in Geographic Information Systems and Remote Sensing (GIS&RS).

2.3 A candidate who has failed a course except pre-requisite courses for dissertation shall be allowed to carry the failed course when next offered and shall be allowed to proceed to the dissertation phase.

3.0 Research proposal development workshop/Pre-dissertation

3.1 Each student in consultation with the supervisor(s) shall formulate a dissertation research proposal in Semester II year I for fulltime MSc. programs/Semester I year II for evening MSc programs as prescribed in each curriculum. The supervision of the students' proposal development shall be agreed between the student and the course responsible supervisor in consultation with the Head of Department.

3.2 Students should be assigned supervisors during Semester II year I for fulltime MSc. programs/Semester I year II for evening MSc. program to assist students develop the research proposal.

3.3 It is a pre-requisite course for a dissertation in the next semester

3.4 Each student in consultation with the supervisor(s) shall formulate a dissertation research proposal in Semester II year I for fulltime MSc. programs/Semester I year II for evening MSc. programs. Such proposals shall be pre assessed, through oral presentation, by supervisor and at least one academic staff of the department before the end of semester II of year I for fulltime MSc. programs/Semester I of year II for evening MSc. programs.

3.5 Failed proposal should be submitted within three months after provisional examination results.

4.0 Dissertations

- 4.1 Dissertations shall be governed by the General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).
- 4.2 A candidate will be required to make oral presentation(s) of their dissertation proposal to the Department's Higher Degrees, Research and Publications Committee on latest by second week of Semester I of second year for fulltime MSc. programs/Semester I year II for evening MSc. programs for endorsement. Such presentation shall not be graded. Then afterward the HoD shall submit the endorsed proposals and assigned supervisors from the Department's Higher Degrees, Research and Publications Committee to the school board for approval.
- 4.3 Dissertation Continuous Assessment shall comprise marking of the 3 presentations, of which the first 2 presentations shall account for 40% of the total marks while the written Dissertation Report and third (Final) Oral presentation shall account for 60%, of which 18% from final presentation and 42% from written report all leading to an assessment of 100%.
- 4.4 The Continuous Assessment shall be conducted by a panel of at least three examiners and one should be a supervisor.
- 4.5 At the beginning of the second year of study, schools shall prepare and publish presentation schedules.
- 4.6 Every student shall attend the presentations and present the progress made. The student will be assessed and awarded marks for coursework. The coursework shall comprise 40% of the total marks.
- 4.7 A student who fails to attend the presentations without compelling reasons shall be deemed to have absconded and shall be discontinued from studies.
- 4.8 The Dissertation Report shall be examined in accordance with University Postgraduate Examination Regulations.
- 4.9 Final Dissertation Examination shall carry 60% and distributed in a ratio of 2:1 (40% for written dissertation report and 20% for dissertation viva voce).
- 4.10 The candidate final marks shall be calculated after all assessments are done and the candidate passes. The overall mark shall comprise of Continuous Assessment (CA), written dissertation report and dissertation viva voce.

5.0 Masters by Thesis (Seminar Papers)

- 5.1 A candidate shall prepare and present three (2) seminar papers per semester, which are related to his/her dissertation work. Seminar papers shall be assessed and contribute 20% of total thesis marks.
- 5.2 Seminar papers shall be assessed by a panel of at least 5 internal examiners including supervisor(s) of the student.
- 5.3 Every student shall attend the presentations and present the progress made. The student will be assessed and awarded marks for coursework. The coursework shall comprise 40% of the total marks.
- 5.4 A student who fails to attend the presentations without compelling reasons shall be deemed to abscond and shall be discontinued from studies
- 5.5 For a candidate to be considered for Viva voce, he/she must have published at least one journal paper in a database recognized ARU and at least one publishable manuscript.
- 5.6 Viva Voce assessment of the thesis will be according to postgraduate guidelines.
- 5.7 A candidate shall present at least one (1) seminar in every six months, which is related to his/her research work.

6.0 PhD programmes

- 6.1 PhD shall be governed by the General Postgraduate Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).
- 6.2 Prior to the submission of the PhD thesis for examination, a candidate's progress shall be monitored through seminar papers.

7.0 MSc in Geomatics, MSc in Geographic Information Systems and Remote Sensing and MSc in Geographic Information Systems

- 7.1** To complete the Coursework component of the programme (i.e., excluding the dissertation) a candidate must;
- i) Pass a minimum of 124 credits (84 from compulsory courses and 40 from elective courses) as prescribed in the curriculum for MSc Geomatics;
 - ii) Pass a minimum of 128 credits (112 credits from compulsory courses and 16 credits from elective courses) as prescribed in the curriculum for MSc Geographic Information Systems and Remote Sensing;
 - iii) Pass a minimum of 132 credits (112 credits from compulsory courses and 20 credits from elective courses) as prescribed in the curriculum MSc Geographic Information Systems (Full time and Evening).
- 7.2** The CA shall be derived from class attendance, tests, written and practical assignments, seminars, as prescribed in the curriculum. Timed tests and assignment shall carry a weight of 3:1, respectively.

7.3 Dissertations

In addition to School regulations for MSc by coursework and dissertation programmes, the following regulations shall apply:

- 7.3.1** Students and supervisor(s) shall sign a consultation monitoring form after every consultation session. Supervisors shall avail the consultation forms to the Head of Department before submission of Dissertation for examination;
- 7.3.2** The progress of the Dissertation research proposal development shall be monitored through two oral presentations which shall account for the Continuous Assessment (CA) of the proposal writing component of the course Research Methods in Geospatial Sciences. The two CA oral presentations shall be scheduled from time to time by the Department through the course responsible for the Research Methods in Geospatial Sciences course.
- 7.3.3** a) Students who fail to submit three loose bound copies of written proposal as per Postgraduate General University Examination Regulations without compelling reasons shall be deemed to have absconded the Research Methods in Geospatial Sciences courses and shall be discontinued from studies.
- b) In case there are compelling reasons obstructing the supervisor(s) to endorse the written proposal, the supervisor(s) shall be required to report the reasons to the Head of Department in writing immediately when the reasons are known but two weeks prior to the start of University Examinations.
- 7.3.4** a) The assessment of the Research Methods in Geospatial Sciences course shall be accrued from assessment of its Part (a) and Part (b) as prescribed in the curriculum
- 7.3.5** The MSc. Proposal Writing progress oral presentations and the written proposals shall be assessed in accordance with the following format:

Table 2.1: Assessment of the MSc Research Proposal First Oral Presentation (Continuous Assessment):

Name of the Assessor

Signature:

Date:

SN	Candidate' s Reg. No	Candidate's name	Understanding of the topic	Clarity of the problem and comprehension	Relevance of the topic to the profession	Contribution to the profession (Creative thinking)	Response to Questions	Consultation with supervisors*	Total	Reduced Marks (10%)
			20	20	15	10	10	25	100	10
1										
2										
3										

*The consultation form signed by students and supervisors shall be used as a basis for this assessment
Assessor's Comments if any

7.3.6 **Table 2.2 Assessment of the MSc Research Proposal Second Oral Presentation (Continuous Assessment)**

Name of the Assessor..... Signature:
Date:

S/N	Candidate' s Reg. No	Candidate' s name	Response to comments from the first presentation	Literature review and its rationale to the proposed dissertation	Research Problem justification	Research objective(s), hypothesis/research questions, significance and benefits	Suitability of proposed methodology	Response to questions	Consultation with supervisors*	Total	Reduced Marks (10%)
			9	12	12	12	18	12	25	100	10
1											
2											
3											

*The consultation form signed by students and supervisors shall be used as a basis for this assessment

Assessor's Comments if any.....

Table 2.3 Assessment of the MSc Written Research Proposal (University Examination)

Name of the Candidate:

Reg. No:

Title of MSc Research:

Marking consideration	Maximum marks	Marks awarded
Title, topic and its relevance to profession	10	
Literature review, citation, referencing and clarity of the background to the dissertation/research	20	
Statement of the problem	15	
Research objective(s), hypothesis/research questions, significance and benefits	20	
Suitability of proposed methodology	25	
Presentation Format (Style, language (grammar and structure), graphical communication, etc.) and work-plan	10	
Total	100	
Reduced Marks (30%)		

Assessor's comments if any

Name of the Assessor Signature:

Date:

- 7.3.7 During the final semester of the programme (Semester I year II for fulltime MSc programs/Semester II year II for evening MSc programs), each student shall be required to submit a MSc Dissertation report from an independent study carried out during this semester. In this regard, students shall use the research proposal prepared in the course Research Methods in Geospatial Sciences offered in Semester II year I for fulltime MSc programs/Semester I year II for evening MSc program.
- 7.3.8 Dissertation assessment shall comprise of Continuous Assessment (CA) derived from seminar papers as provided for in Regulation 6.2 below, and University Examination. Continuous Assessment shall account for 40% while the university examination shall account for 60%.
- 7.3.9 In addition to Summary Form for the University assessment of MSc. dissertations, the criteria for assessment of the MSc dissertation shall be as follows:

Table 2.4 Assessment of Written MSc Dissertation Report (University Examination)

Name of Candidate:.....

Dissertation Title:.....

Name of Examiner:.....

Signature of Examiner:.....

Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language, typing, etc.)	10		
Material content and contribution to	25		

Marking criteria	Maximum marks	Marks awarded	Remarks
knowledge, literature review and referencing			
Data collection, processing and analysis, argument and discussion	30		
Quality of conclusions and practicability of recommendations	35		
Total	100		
Reduced Marks (70%)			

7.4 Seminar Papers

- 7.4.1 A student shall prepare and present two (2) Seminar Papers during the dissertation phase of the programme, which are related to his/her dissertation work. The Seminar Papers presentations shall be a prerequisite to submission of the MSc dissertation for examination purposes. The timing of the presentations shall be arranged by the student in consultation with his/her Supervisor(s) and the Head of Department. Seminar papers shall be assessed and account for 20% of the total dissertation marks and shall carry equal weights (each 10%).
- 7.4.2 Seminar papers shall be assessed by a panel of at least 3 internal examiners including supervisors(s) of the student.
- 7.4.3 The assessment of each seminar paper shall comprise of one oral presentation and assessment of a written scientific paper. **The marks for written scientific seminar paper and oral presentation of the same shall be in the ratio of 4 to 1 of the 40%.**
- 7.4.4 The assessment sheet for the written scientific seminar paper shall have the following format:

Table 2.5 Assessment of Written MSc Seminar Paper

Name of Candidate:.....
 Title of Seminar Paper:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language), structure, etc.)	10		
Literature review and referencing	10		
Research methodology and its justification	20		
Data analysis, presentation and interpretation of results	20		
Discussion of results and contribution to profession	20		
Quality of conclusions and practicability of recommendations	20		
Total	100		
Reduced Marks (8%)			

- 7.4.5 The assessment sheet for oral presentation of the seminar paper shall have the following format:

Table 2.6 Assessment of MSc Seminar Paper Oral Presentation

Name of Candidate:.....
 Title of Seminar Paper:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the topic and self-expression	10		
Statement and justification of the research problem, research objectives and research questions/hypotheses	20		
Data analysis, presentation and interpretation of results	25		
Discussion of results and contribution to profession	20		
Response to questions	25		
Total	100		
Reduced Marks (2%)			

7.5 Master of Science in Geomatics (By Thesis)

- 7.5.1 The registration period for the programme shall be governed by the Postgraduate General Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).
- 7.5.2 Development of the proposal and assessment of the Thesis shall be governed by the Postgraduate General Examination Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2026).

7.6 Seminar Papers

- 7.6.1 A student shall prepare and present two (2) Seminar Papers, one every six months during the study period, which are related to his/her thesis work. The Seminar Papers presentations shall be a prerequisite to submission of the Thesis for examination purposes. The timing of the presentations shall be arranged by the student in consultation with his/her Supervisor(s) and the Head of Department. Seminar papers shall be assessed and shall account for 30% of the total thesis marks and shall carry equal weights (each 15%).
- 7.6.2 Seminar papers shall be assessed by a panel of at least 3 internal examiners including supervisor(s) of the student.
- 7.6.3 The assessment of each seminar paper shall comprise of one oral presentation and assessment of a written scientific paper. The marks for written scientific seminar paper and oral presentation of the same shall be in the ratio of 4 to 1 of the 40%.
- 7.6.4 The assessment sheet for the written scientific seminar paper shall have the following format:

Table 3.1 Assessment of Written Seminar Paper

Name of Candidate:.....
 Title of Seminar Paper:.....
 Name of Examiner:.....
 Signature of Examiner:.....

Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language, structure, etc.)	15		
Literature review and referencing	15		
Research methodology and its justification	20		
Data analysis, presentation and interpretation of results	20		
Discussion of results and contribution to policy implication and professional practice.	20		
Quality of conclusions and practicability of recommendations	10		
Total	100		
Reduced Marks (12%)			

7.6.5 The assessment sheet for oral presentation of the seminar paper shall have the following format:

Table 3.2: Assessment of MSc (By thesis) Seminar Paper Oral Presentation

Name of Candidate:.....
 Title of Seminar Paper:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the topic and self-expression	10		
Statement and justification of the research problem, research objectives and research questions/hypotheses	20		
Data collection and analysis, presentation and interpretation of results	25		
Discussion of results and contribution to profession	20		
Response to questions	25		
Total	100		
Reduced Marks (2%)			

8.0 MSc. in Real Estate Business, MSc. in Real Estate Valuation MSc in Land Administration and MSc in Real Estate Economics and Finance (by Course work and Dissertation)

8.1 Taught Courses

A total of 120 credits shall be completed to satisfy the coursework requirement.

8.2 Seminar Paper

In addition to Postgraduate General Examination Regulations Coursework which accounts for 40%, the University Examinations which constitutes 60% will be assessed based on Table 4.1:

Table 4.1: Assessment Criteria

S/ N	Item Submitted	Marks	Overall Marks
1	Proposed Topic for Research Paper (must be approved)		
2	Research Proposal (concept paper)		50%
3	Early Draft of Research Proposal	10%	
4	Peer Review of Early Draft of Research Proposal	10%	
5	Final Draft of Research Proposal	10%	
7	Seminar participation and contributions	20%	
8	Research Paper (UE)		50%
	Early Draft of Research Paper	10%	
9	Internal Peer Review of Early Draft of Research Paper	10%	
10	Final Draft of Research Paper	30%	
	Total		100%

8.3 Dissertation

8.3.1 There shall be three oral presentations to be attended by a minimum of 3 members of the School examiners. For the purpose of Continuous Assessment (CA) in Dissertation, there shall be three oral presentations. Continuous assessment shall account for 40%, and the University Examination (UE) shall comprise submission of the dissertation report which shall account for 60%. For the purpose of deriving the 40% for the CA, oral presentations shall be evaluated based on the following format.

Interim Oral Presentation Assessment for CA in Dissertation

Assessment Criteria	Maximum marks
Self-confidence, Time management and appropriateness of the language used	10%
Relevance of the contents being presented in relation to the topic	10%
Response to questions	20%
Total	40%

8.3.2 For the purpose of dissertation's final UE assessment score, the 60% on written project report shall be awarded based on the ARU Guidelines for Postgraduates (2026).

8.3.3 A Dissertation may be passed subject to corrections. Any dissertation which is passed subject to corrections shall be considered to be completed only when the errors/mistakes/shortfalls pointed out by the examiner(s) have been corrected to the satisfaction of the Department and three hard bound copies of the dissertation submitted to the Department. Failure by the student to do so without compelling reasons before a date prescribed by the School shall cause the dissertation to be failed.

8.3.4 Dissertation Continuous Assessment shall comprise marking of the 3 presentations, of which the first 2 presentations shall account for 40% of the total marks while the written Dissertation Report and third (Final) Oral presentation shall account for 60%, of which 20% from final presentation and 40% from written report all leading to an assessment of 100%.

8.4 Research Methodology and Proposal Development

8.4.1 There shall be a Dissertation Report which shall consist of 12 credits.

Table 4.6: Criteria for Assessment of Written Dissertation I (During Semester Examinations Period)

S/ N	Candidates Name	Title/topic & statement of the problem	Literature review	Research objectives	Research questions	Theoretical & conceptual framework	Methodology	Analytic methods	Citation and references	Total	Mark awarded
	Points/marks	8	8	4	4	8	8	4	6	50	
1											
2											
3											

9.0 Doctor of Philosophy in Geospatial Sciences

PhD shall be examined in accordance with University Postgraduate Examination Regulations.

9.1 Seminar Papers

- 9.1.1 A student shall prepare and present a total of 3 seminar papers, and shall present unassessed progress on every six months in the four years duration of the programme, which are related to his/her PhD research work. Seminar papers shall be assessed and shall contribute to the final assessment of a PhD Thesis by 40%.
- 9.1.2 Passing seminar papers shall be a prerequisite for submission of a PhD thesis for examination assessed but they shall not contribute to the final assessment of a PhD Thesis.
- i) Each seminar paper shall contribute equally (each weighing 1) to a final aggregated mark for the seminar papers.
 - ii) The pass mark for the seminar papers shall be 40% assessed based on the aggregated mark.
- 9.1.3 A Seminar paper shall be assessed by a panel of at least 4 internal examiners including supervisor(s) of the student; at least two should have expertise in the subject of presented research area.
- 9.1.4 The assessment of each Seminar Paper shall comprise of one oral presentation and assessment of a written scientific paper. The timing of the presentations shall be arranged by the student in consultation with his/her Supervisor(s) and the Head of Department. The marks for written scientific seminar paper and oral presentation of the same shall be in the ratio of 3 to 1 of the 40%. Thus, the overall mark of written scientific paper shall account for 30% and oral presentations shall amount to 10%; all leading to 40% for all seminar paper.

- 9.1.5 The assessment sheet for the written scientific seminar paper shall have the following format:

Table 5.1: Assessment of Written PhD Seminar Paper

Name of Candidate:.....
 Title of Seminar Paper:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language, structure, etc.)	10		
Literature review and referencing	10		
Empirical and theoretical bases	20		
Research methodology (method (s), data collection and analysis, presentation and interpretation of results, etc.)	20		
Discussion of results, originality and contribution to profession	20		
Quality of conclusions and practicability of recommendations	20		
Total	100		
Reduced Marks (80%)			

- 9.1.6 The assessment sheet for oral presentation of seminar paper shall have the following format:

Table 5.2: Assessment of PhD Seminar Paper Oral Presentation

Name of Candidate:.....
 Title of Seminar Paper.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the topic and self-expression	10		
Statement and justification of the research problem, research objectives and research questions/hypotheses	20		
Data collection and analysis, presentation and interpretation of results	25		
Discussion of results and contribution to profession	20		

Marking criteria	Maximum marks	Marks awarded	Remarks
Response to questions	25		
Total	100		
Reduced Marks (20%)			

10.0 Doctor of Philosophy in Land Administration and Doctor of Philosophy in Real Estate Economics (By Coursework and Dissertation)

10.1 Taught Courses

10.1.1 Continuous Assessment accounts for 60% and Final written examination 40%. However, different weighting applies to different courses as stipulated in the course description.

10.1.2 PhD by Coursework and Dissertation shall comprise three main components as prescribed in the curriculum. In order for a student to complete the PhD coursework he/she has to pass all the prescribed Core, and Elective Courses.

10.1.3 Assessment of Coursework:

- a) The coursework will be offered during the first four semesters. This shall consist of core, specialized and elective courses that will add up to a minimum of 240 credits.
- b) Passing a course shall mean scoring at least a B grade; and the grade combines both Continuous Assessment and University Examinations.
- c) A student who fails to score at least B grade will be allowed to supplement the failed examinations.
- d) The maximum attainable grade in a supplementary examination or resubmission of a dissertation shall be a B grade.
- e) Continuous Assessment shall comprise tests, report from field attachment, assessed group work, oral presentations or individual reviews of scholarly works (i.e., books, papers in peer reviewed journals and research reports).
- f) The University Examination shall comprise written examination, timed take-home assignments, and oral examination or seminar presentations.
- g) A PhD candidate shall be required to complete and pass all the prescribed courses before he/she submits and defends his/her dissertation.

10.2 Dissertation

10.2.1 Practical work/exercises will be subject-specific; and will constitute a variety of options including practical sessions to analyse a practical problem/issue in the public sector or community, fieldwork or attachment/internship.

- a) In cases where a student will undertake a practical training as part of the PhD course, he/she will be required to prepare a brief report of the practical work undertaken with focus on the specific outputs which add value to his/her PhD work and knowledge in general.
- b) Each student will be assessed individually based on his/her report and oral presentation. The ability to analyse the practical problem/issues and evolve effective responses using appropriate methods, tools and skills will have to be critically appraised.

10.2.2 There shall be a Dissertation report which shall consist of 300 credits. Other details of PhD by Coursework and Dissertation shall be as per Postgraduate General Examination Regulations.

10.2.3 In order to be awarded a Doctorate Degree, a candidate must acquire a minimum of 540 credits that include 300 credits for Dissertation and at least 240 for Coursework. Also, a minimum of 60 credits has to be accomplished in a given Semester.

10.2.4 The oral presentation and the written reports shall be assessed in accordance with Table 6.1 to 6.4.

Table 6.1: Assessment Criteria for First Oral Presentation (Dissertation I)

S/ N	Candidates Name	Understanding of the topic	Clarity in problem statement and comprehension	Relevance of topic to the profession	Creative/innovative thinking	Response to questions raised	Consultation with supervisors	Total	Mark awarded
	Points/marks	2	2	2	1	2	1	10	
1									
2									
3									

Table 6.2: Assessment Criteria for Second Oral Presentation (Dissertation I)

S/ N	Candidates Name	Comprehensive literature review	Comprehension of the issues and responses to questions	Research objectives & questions	Theoretical Framework	Conceptual framework	Total	Marks awarded
	Points/marks	4	3	4	4	5	20	

Table 6.4: Criteria for Assessment of Written Dissertation I (During Semester Examinations Period)

	Candidates Name	Title/topic & statement of the problem	Literature review	Research objectives	Research questions	Theoretical & conceptual framework	Methodology	Analytic methods	Citation and references	Total	Marks awarded
	Points/Marks	16	16	8	8	16	16	8	12	100	
1											
2											
3											

- 10.3 Viva-voce shall be undertaken based on the general regulations and guidelines for the postgraduate programmes offered at Ardhi University

11.0 Master of Science in Land Management Degree (By Thesis)

11.1 Seminar Papers

- 11.1.1 A candidate shall prepare and present One (1) Seminar Paper every six month which is related to his/her dissertation work. Seminar papers shall be assessed and contribute 30% of the total Thesis marks.
- 11.1.2 Seminar papers shall be assessed by a panel of at least 3 internal examiners including supervisors(s) of the student.
- 11.1.3 The assessment for the seminar paper shall comprise an oral presentation and a written paper.
The assessment sheet for the oral presentation of the seminar paper shall have the format provided in Table 7.1

Table 7.1: Assessment sheet for the oral presentation of the seminar paper

Name of student:.....
 Project Paper title:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the research problem/issue	25		
Data analysis and interpretation	25		
Self-expression	20		
Response to questions	30		
Total	100		

- 11.1.4 The assessment sheet for the written seminar paper shall have the format provided in Table 7.2.

Table 7.2: Assessment Sheet for the Written Seminar Paper

Name of student:.....
 Project Paper title:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the research problem/issue	15		
Data presentation, analysis, argument and discussion	15		
Self- expression	20		
Response to questions	30		
Conclusion and recommendation	20		
Total	100		

12.0 Doctor of Philosophy in Real Estate (by Thesis)

12.1 Seminar Papers

- 12.1.1 A candidate shall prepare and present **one (1)** Seminar Paper every six months, which is related to his/her Dissertation work. Seminar papers shall be assessed but they shall not contribute to the final assessment of a PhD Thesis.
- 12.1.2 Passing a Seminar Paper shall be a prerequisite for submission of a PhD Thesis for examination. Pass mark for a Seminar Paper shall be 60%.
- 12.1.3 A Seminar Paper shall be assessed by a panel of at least 3 internal examiners including supervisor(s) of the student.
- 12.1.4 The assessment of final seminar papers shall comprise of an oral presentation and a written paper.
- 12.1.5 The assessment sheet for Oral Seminar Paper shall have the format provided in Table 8.1.

Table 8.1: Assessment Sheet for Oral Seminar Paper

Name of Candidate:.....
 Project paper Title:
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language, structure, etc.)	10		
Literature review and referencing	10		
Empirical and theoretical bases	20		
Research methodology (Method (s), data collection and analysis, presentation and interpretation of results, etc.)	20		

Marking criteria	Maximum marks	Marks awarded	Remarks
Discussion of results, originality and contribution to profession	20		
Quality of conclusions and practicability of recommendations	20		
Total	100		

- 12.1.6 The assessment sheet for a written seminar paper shall have the format provided in Table 8.2

Table 8.2: Assessment Sheet for a Written Seminar Paper

Name of Candidate:.....
 Project paper Title:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Understanding of the topic and self-expression	10		
Statement and justification of the research problem, research objectives and research questions/hypotheses	20		
Data collection and analysis, presentation and interpretation of results	25		
Discussion of results and contribution to profession	20		
Response to questions	25		
Total	100		

**EXAMINATION REGULATIONS FOR
POSTGRADUATE PROGRAMMES IN THE SCHOOL
OF ENGINEERING AND ENVIRONMENTAL
STUDIES**

Examination Regulations for Postgraduate Programmes in the School of Engineering and Environmental Studies

In addition to the General University Examination Regulations, General Postgraduate Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2020), the following Regulations shall apply for Postgraduate programmes in the School of Engineering and Environmental Studies:

A. MSc. ETM, MSc. DRM, M. DRM, MSc. TE, MSc. EE, MSc. WRE, MSc. WSHM Degrees (By Course Work and Dissertation)

1.0 General Regulations

- 1.1 Completion of coursework component shall require a candidate to pass a minimum of:
 - a) 120 credits (100 credits of core courses and 20 credits of electives) for MSc. Environmental Technology and Management programme.
 - b) 152 credits (142 credits of core courses and 10 credits of electives) for Master of Disaster Risk Management programme.
 - c) 140 credits (130 credits of core courses and 10 credits of electives) for Master of Science in Disaster Risk Management programme.
 - d) 140 credits (130 credits of core courses and 10 credits of electives) for Master of Science in Water, Sanitation and Hygiene Management
 - e) 128 credits (106 credits of core courses and 22 credits of electives) for Master of Science in Transportation Engineering
 - f) 150 credits (130 credits of core courses and 20 credits of electives) for Master of Science in Environmental Engineering
 - g) 120 credits (100 credits of core courses and 20 credits of electives) for Master of Science in Water Resources Engineering
- 1.2 There shall be coursework and university examination. The coursework assessment (CA) shall carry 40% of the total marks whereas the university examination (UE) shall carry 60% of the total marks.
- 1.3 The coursework assessment shall be distributed in the order of 20% for assignments and 20% for tests
- 1.4 The delivery mode shall be blended (face to face and online)

2.0 Dissertation

- 2.1 At the beginning of semester II of year I, and semester I of year II for full time and evening studies, respectively, students shall be assigned supervisors
- 2.2 Students shall develop proposals in consultation with supervisor(s)
- 2.3 A candidate for full time Master's programme in consultation with his/her supervisor(s) shall formulate a Dissertation Research Proposal during second semester of first year of study, such proposals shall be pre assessed through oral presentation by supervisor and at least one academic staff of the department/school before the end of year 1 semester II.

A candidate will be required to make oral presentation(s) of the Proposal to the Department's Higher Degrees, Research and Publications Committee on latest by second week of first semester of second year for endorsement. Such presentation shall not be graded. Then after the HoD shall submit the endorsed proposals from the Department's Higher Degrees, Research and Publications Committee to the school board for approval
- 2.4 A candidate for Master's evening programme, in consultation with his/her supervisor shall formulate a Dissertation Research Proposal during the first semester of the second year of study. The supervisor shall endorse the proposal and the candidate shall be

required to make oral presentation(s) of the proposal to the Department's Higher Degrees, Research and Publications Committee by second week of second semester of second year of study for endorsement. Such presentation(s) shall not be graded. Then after the HoD shall submit the endorsed proposals from the Department's Higher Degrees, Research and Publications Committee to the school board for approval

- 2.5 A Continuous Assessment in dissertation shall comprise of at least two oral presentations and written reports, and shall carry a total of 40%. The marks shall be distributed on the ratio of 4:2 for written report and oral presentations
- 2.6 The Continuous Assessment shall be conducted by a panel of at least three examiners and one should be a supervisor.
- 2.7 For Continuous Assessment, the assessment sheet for the oral presentation shall have the following format.

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Understanding of the research problem	10		
Data analysis and interpretation	25		
Discussion of results	20		
Self-expression	20		
Response to questions	25		
Total	100		

- 2.8 The Dissertation Report shall be examined in accordance to University Postgraduate Guidelines.
- 2.9 Final Dissertation Examination shall carry 60% and distributed in a ratio of 2:1 (40% for Written Dissertation Report and 20% for Dissertation Viva Voce).
- 2.10 For viva voce in the final examination of dissertation work, the assessment shall have the following format.

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Understanding of the research problem	10		
Data analysis and interpretation	25		
Discussion of results and validity and relevance of conclusions and recommendations	20		
Self-expression	20		
Response to questions	25		
Total	100		

- 2.11 The candidate's final marks shall be calculated after all assessments are done, to have clear CA and UE marks for uploading in the system.

B. MSc. ETM, MSc. DRM, M. DRM, MSc. TE, MSc. EE, MSc. WRE, MSc. WSHM Degrees (By Thesis)

3.0 General Regulations

- 3.1 The registration period for the programme shall be in accordance with the general postgraduate university regulations

4.0 Seminar Presentations

- 4.1 A candidate shall present in at least one (1) seminar in every six months, which is related to his/her research work.

- 4.2 At the beginning of the second year of study, schools shall prepare and publish presentation schedules.
- 4.3 Every student shall attend the presentations and present the progress made. The student will be assessed and awarded marks for continuous assessment. The continuous assessment shall comprise 40% of the total marks.
- 4.4 The seminar presentation shall be assessed by a panel of at least three internal examiners including supervisor(s) of the student.
- 4.5 The assessment of seminar presentation shall comprise of oral presentation and a written scientific paper in the following format:

(a) The Assessment Sheet for the Seminar Presentation

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Understanding of the research problem	10		
Data analysis and interpretation	25		
Discussion of results	20		
Self-expression	20		
Response to questions	25		
Total	100		

(b) The Assessment Sheet for the Written Scientific Seminar Paper

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Form and format of presentation (style, language, word processing etc).	10		
Literature review and referencing	10		
Research methodology	20		
Data analysis and interpretation	20		
Discussion of results	20		
Conclusion and recommendations	20		
Total	100		

- 4.6 A student who fails to attend any of the presentations without compelling reasons shall be deemed to abscond and shall be discontinued from studies
- 4.7 For a candidate to be considered for viva voce, he/she must have published at least one journal paper in a database recognized ARU and has at least one publishable manuscript.
- 4.8 Viva Voce assessment of the thesis will be according to postgraduate guidelines.

C. PhD ETM, PhD ESM, PhD DRM Degrees (by Thesis)

5.0 General Regulations

The registration period for the programme shall be in accordance with the general postgraduate university regulations

6.0 Seminar Presentations

- 6.1 A candidate shall present in at least one (1) seminar in every six months, which is related to his/her PhD research work.
- 6.2 Seminar presentations shall be assessed by a panel of at least three internal examiners including supervisor(s) of the student.
- 6.3 The assessment of seminar presentation/draft thesis report shall be in the following format.

(a) The Assessment Sheet for the Seminar Presentation

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Understanding of the research problem	10		
Data analysis and interpretation	25		
Discussion of results	20		
Self-expression	20		
Response to questions	25		
Total	100		

(b) The Assessment Sheet for the Written Paper and/or Draft Thesis Report

Marking Criteria	Maximum Marks	Marks Awarded	Remarks
Form and format of presentation (style, language, word processing etc).	10		
Literature review and referencing	10		
Research methodology	20		
Data analysis and interpretation	20		
Discussion of results	20		
Conclusion and recommendations	20		
Total	100		

- 6.5 Final written work/thesis report shall be examined as per University Postgraduate Guidelines.

**EXAMINATION REGULATIONS FOR
POSTGRADUATE PROGRAMMES AT THE
INSTITUTE OF HUMAN SETTLEMENTS STUDIES
(IHSS)**

EXAMINATION REGULATIONS FOR POSTGRADUATE PROGRAMMES AT THE INSTITUTE OF HUMAN SETTLEMENTS STUDIES (IHSS)

In addition to the General University Examination Regulations, the General Postgraduate Regulations and the General Guidelines and Procedures for Postgraduate Programmes at Ardhi University (2020); the following regulations shall only apply to the following postgraduate programmes offered at the Institute for Human Settlement Studies:

- i) MSc in Housing and Financing (MSc. HF) - By Coursework and Dissertation
- ii) MSc in Public Policy Analysis and Programme Management (MSc. PPA&PM) - By Coursework and
- iii) MSc in Urban Governance and Environmental Management (URGEM) - By Coursework and Dissertation
- iv) MSc in Climate Change and Urban Development (MSc. CCUD) - By Coursework and Dissertation

1. Master's Degree Programmes

- 1.1 CONTINUOUS ASSESSMENT FOR MASTERS' DEGREES – COURSEWORK AND DISSERTATION
 - 1.1.1 Students shall be required to complete and pass Dissertation I before embarking on their Dissertation II.
 - 1.1.2 Continuous Assessment shall be done online and face to face and shall account for 40%, while the University Examinations (through face to face) shall constitute 60% of the total marks awarded to a course.
 - 1.1.3 Passing a course shall mean scoring at least a B grade; and the grade combines both Continuous Assessment and University Examinations.
 - 1.1.4 The coursework will be offered during the first two semesters. These shall consist of core and elective courses that shall add up to a minimum of 130 credits.
 - 1.1.5 Continuous Assessment in the Master's programme shall comprise tests, report from field attachment, assessed group work, oral presentations or individual reviews of scholarly works (i.e. books, papers in peer reviewed journals and research reports)
 - 1.1.6 The student is required to complete coursework before he/she can be allowed to sit for the University Examination
 - 1.1.7 All courses will be taught in a blend of online and face to face, whereby each course will be conducted at a proportion of online and face to face.
- 1.2 **EXAMINATION REGULATIONS FOR MASTERS' DEGREES – COURSEWORK AND DISSERTATION**
 - 1.2.1 The general examination format and examination regulations will follow the Ardhi University General Guidelines And Procedures For Postgraduate Programmes At Ardhi University 2020; and University General Examination Regulations (2026)
 - 1.2.2 Among other guidelines, University examination format shall comprise two parts namely A and B. Part A shall contain compulsory four short answer questions while part B shall contain four descriptive and analytical questions where students are supposed to select only two questions.
 - 1.2.3 A student who fails to score at least B grade will be allowed to supplement the failed examinations.
 - 1.2.4 The maximum attainable grade in a supplementary examinations or resubmission of a dissertation shall be a B grade.

- 1.2.5 University Examination (Final UE) shall comprise written examination delivered either in physical (face-to-face) or online.
- 1.2.6 MSc. students shall be required to complete and pass all the prescribed courses including Dissertation I before embarking on their dissertation II
- 1.2.7 Continuous assessment shall comprise at least 2 tests, 2 assignments or any other form of assessment specified in respective curriculum.
- 1.2.8 In addition, examinations for the programme shall include a sum of continuous assessment and final/written University Examination written, practical, oral examinations where appropriate.
- 1.2.9 If a student fails in one or more examinations, but whose GPA is 2.7 and above, shall be allowed to do supplementary examination(s) in the failed course(s).
- 1.2.10 However, if a student fails to attain at least a 2.7 GPA shall be discontinued from studies.

1.3 DISSERTATION I ASSESSMENT – MASTER’S PROGRAMMES

- 1.3.1 Each student in consultation with the supervisor(s) shall formulate a Dissertation proposal (Dissertation I) during Semester II in year one of the programme and supervisor(s) shall be approved by the Institute.
- 1.3.2 The Institute shall evaluate, approve and examine the candidate’s Dissertation proposal (Dissertation 1).
- 1.3.3 Progress in Dissertation proposal preparation shall be monitored through regular presentations that are marked. Three marked oral presentations shall be programmed from time to time by the Institute. The criteria for Continuous Assessment of Dissertation I is as shown in Tables 1-4.

Table 1: Assessment Criteria for First Oral Presentation (Dissertation I)

S/N	Candidates Name	Understanding of the topic	Clarity in problem statement and comprehension	Relevance of topic to the profession	Creative/innovative thinking	Response to questions raised	Total	Mark awarded
		20	25	20	15	20	100	
1								
2								

Table 2: Assessment Criteria for Second Oral Presentation (Dissertation I)

Table 4: Criteria for Assessment of Written Dissertation I (During Semester Examinations Period)

S/N	Candidates Name	Title/topic & statement of the problem	Literature review	Research objectives	Research questions or	Theoretical & conceptual frameworks	Methodology	Analytic methods	Citation and references	Total	Mark awarded
	Points/marks										
		16	16	8	8	16	16	12	8	100	
1											
2											

1.3.4 Each student shall submit a written Dissertation Proposal (Dissertation I) on or before the 17th week of Semester II to be approved and examined by the Institute. Where the student fails to attain a B grade for Dissertation I, S/he will be allowed to re-submit an improved/corrected version to the Head of Department.

1.3.5 The improved version of Dissertation I shall be re-submitted and re-assessed within 3 months since Senate approval.

1.3.6 The written Dissertation I shall be presented in typed text with illustrations as per Appendix III of the ARU Postgraduate Procedures and Guidelines (2020).

1.3.7 Students must pass Dissertation I before proceeding in writing Dissertation II.

1.4 CRITERIA FOR CONTINUOUS ASSESSMENT OF DISSERTATION I

1.4.1 There shall be three marked oral presentations for Dissertation I in the semester in which it is run whereby;

- The three oral presentations shall be conducted within the semester
- The fourth assessment shall constitute a Written Dissertation Proposal.
- The Oral Presentation and Written Proposal shall be assessed by at least three members of academic staff.

1.5 PRACTICAL WORK/EXERCISES

1.5.1 Practical work/exercises, which will be subject-specific, will constitute a variety of options including practical sessions to analyze a practical problem/issue in a public sector or community, fieldwork or attachment/internship.

1.5.2 Where a practical training is part of the MSc course, the MSc student will be required to prepare a brief report of the practical work undertaken with focus on the specific outputs which add value to his/her MSc work and knowledge in general.

1.5.3 Each student will be assessed individually based on his/her report and oral presentation.

- 1.5.4 The ability to analyse the practical problem/issues and evolve effective responses using appropriate methods, tools and skills will have to be critically appraised.

1.6 DISSERTATION II

- 1.6.1 A candidate who successfully completes the course-work phase is allowed to proceed to the dissertation phase. Successful completion of the coursework phase shall mean attainment of a "B" grade or above (i.e. Grade Point Average (GPA) of at least 3.0) in all examinations.
- 1.6.2 A candidate who fails one or more courses (excluding Dissertation I) shall be allowed to proceed to the dissertation phase and repeat and/or carry such failed courses in the semester when they are offered.
- 1.6.3 Each student shall write Dissertation II in Year 2 Semester I under supervisor(s) approved by the Institute's Board.
- 1.6.4 Progress in Dissertation II preparation shall be monitored through three scheduled oral presentations (namely data collection tools; preliminary findings; and draft dissertation II), two of which will amount to 40% as continuous assessment.
- 1.6.5 Dissertation II presentations of Preliminary findings and Draft Dissertation II will be assessed using Table 5 and Table 6 respectively.
- 1.6.6 Attendance to the scheduled presentations by each student is compulsory, and non-attendance without compelling reasons will imply absconding, which will lead to outright discontinuation.
- 1.6.7 During the research process, the candidate shall be required to make at least two oral presentations before submitting the manuscript for examination
- 1.6.8 Four copies of loose bound Dissertation II shall be submitted on the 15th week of Year 2 Semester I for examination.
- 1.6.9 The final examination shall include an oral presentation to a panel of at most seven panelists which includes among others one external examiner and one internal examiner (or their representatives)
- 1.6.10 Dissertations will be sent to external and internal examiners for assessment.
- 1.6.11 Submitted written Dissertation II shall be assessed independently and carries 40%, while the viva voce will carry 20%.
- 1.6.12 Final result of Dissertation II is taken as part of continuous assessment
- 1.6.13 Regulation of other matters related to Dissertation II shall be as per ARU General Regulations for Postgraduate Studies of 2020; General University Examination Regulations (2026); and any other relevant regulations.
- 1.6.14 Candidates who have successfully completed dissertation II shall be required to submit dissertation II reports as a partial fulfilment of the degree requirements in accordance to viva voce results/verdict.
- 1.6.15 The criteria for assessment of Dissertation II presentation of preliminary findings shall be as per Table 5.

Table 5: Assessment of Dissertation II presentation of Preliminary findings

Name of Candidate:.....
 Dissertation Title:.....
 Name of Examiner:.....
 Signature of Examiner:.....
 Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Data collection status and process	25		
Data analysis and presentation	25		
Findings development and link to research questions	30		
Response to questions	20		
Total	100		

1.6.16 The criteria for assessment of a written MSc Dissertation shall be as per Table 6

Table 6: Assessment of Written MSc Dissertation Report (University Examination)

Name of Candidate:.....
Dissertation Title:.....
Name of Examiner:.....
Signature of Examiner:.....
Date:.....

Marking criteria	Maximum marks	Marks awarded	Remarks
Form and format of presentation (style, language, typing, etc.)	10		
Material content, literature review and referencing	25		
Knowledge contribution	30		
Quality of conclusions and practicability of Recommendations	35		
Total	100		

1.6.17 For a candidate to qualify for an award of a Master's degree by coursework and dissertation, the candidate shall produce at least one paper manuscript of publishable standard to a journal acceptable by Ardhi University.

1.7 CONDITION FOR CONTINUATION AND DISCONTINUATION

- 1.7.1 A student who fails to score GPA of 2.7 in the first sitting or one who fails to score GPA of 3.0 after supplementary examinations shall be discontinued.
- 1.7.2 Candidates who fail in one or more examinations, but whose GPA is 2.7 and above shall be allowed to do supplementary examination(s) in the failed course(s).
- 1.7.3 Candidate who fails in any supplementary examination and has a GPA of 3.0 and above shall be allowed to repeat the failed course(s) before proceeding to the dissertation phase.

1.8 SUPPLEMENTARY EXAMINATIONS

- 1.8.1 The Institute will administer supplementary examinations within a period of three months of Senate approval of the results.

HONORARY DEGREE AT ARDHI UNIVERSITY

RULES FOR AWARDING HONORARY DEGREE

1. Preamble

These Regulations are promulgated by the Council of Ardhi University to make provisions and provide for procedures of offering honorary degrees to distinguished and outstanding persons who deserve high recognition in society and humanity at large.

2. Citation

These Regulations shall be cited as Ardhi University Honorary Degrees Regulations and shall come into force on the day of their approval by the Council of Ardhi University and effective from 2015/2016 academic year.

3. Honorary Degree

Honorary Degree or Degree *honoris causa* is a degree which Ardhi University is empowered to award under section 6(1)(c) of Ardhi University Charter, 2007. It is a degree which the University will award having waived the usual academic requirements of completing a programme of study and passing University examinations.

4. Honorary Degrees to be awarded

Ardhi University shall only confer doctorates as honorary degrees. The following degrees may be offered for conferment as honorary degrees:

- (a) Doctor of Science, Sc.D
- (b) Doctor of Letters, Litt.D
- (c) Doctor of Science in Human Settlements, Hs.D

This list may be varied from time to time by the University Council.

5. Frequency and number of Honorary Doctorates to be awarded

The Honorary doctorate degree of Ardhi University will be awarded only once every two or more years, subject to the identification of a suitable candidate; and only one honorary doctorate degree will be conferred at a particular graduation ceremony.

6. Admissible Nominees for Award of Honorary Degrees

An offer for the award of an honorary degree can be made to a nominee in person *inter vivos*, or may be made posthumously.

7. Persons Qualifying for Award of Honorary Degrees

Honorary degrees of Ardhi University shall only be awarded to a person from within or without the University, who has either:

- (a) Rendered distinguished service in the advancement of learning; or,
- (b) Made distinguished and notable contribution in the application of knowledge to solve real life problems; or,
- (c) Made distinguished and outstanding contribution towards advancing humanity and human rights; or,
- (d) Made meritorious and outstanding service to the University, the United Republic of Tanzania or to humanity at large.

8. Nomination for award of Honorary Degrees

8.1 Notice for Proposals

The Vice Chancellor shall, subject to rule 5, issue a general notice inviting all Senators and Councilors to submit proposals for the award of an honorary degree. The notice may include the University's priority areas for the awards.

8.2 Persons qualifying to make proposals for the award of honorary degrees

Proposals for the award of honorary degrees can only be made by a member of the Senate or Council of Ardhi University.

8.3 Submission of Proposals

Proposals for the award of a honorary degree shall be made using Form HDF-1 appended to these regulations and submitted in a sealed envelope marked "STRICTLY CONFIDENTIAL" to the Deputy Vice Chancellor, Academic Research and Consultancy (DVC-ARC) by late April that year.

It is important from the beginning of the process of nomination through to the point at which a decision is reached and the successful candidate has been invited by the Chancellor, that a high level of confidentiality be maintained. It would be a major embarrassment if a nominee was made aware of their nomination and then was subsequently unsuccessful. Equally, it would be embarrassing for the University if there was disclosure in the public domain prior to the successful candidate receiving official notification from the Chancellor.

No application from any person desirous of receiving an Honorary Degree shall be entertained. Moreover, the University will not entertain any kind of lobbying from any potential candidate. Any candidate who will be found out to have engaged in lobbying will be disqualified.

8.4 Admissible Proposals

Only proposals submitted by qualifying persons and which contain the following supporting documents shall be admitted and shortlisted by the DVC-ARC and passed over to the Honorary Degrees Committee of Ardhi University, namely:

- (a) A satisfactory Bio-Data of the proposed recipient of the award;
- (b) An updated curriculum vitae of the proposed recipient;
- (c) A statement of attributes, that is, elaborate and concise explanation of the person's specific and distinguished service or contribution for which recognition by Ardhi University is deserving through the award of the proposed honorary degree;

8.5 Submission of Proposals to the Honorary Degrees Committee

8.5.1 The Honorary Degrees Committee

The Honorary Degrees Committee of Ardhi University shall be constituted of the following persons:

- (a) The Deputy Vice Chancellor Academic Research and Consultancy (DVC-ARC) who shall also be the Chairperson and Convener of the Committee
- (b) The Deputy Vice Chancellor, Planning, Finance and Administration (DVC-PFA)
- (c) One member of Senate appointed in that behalf by the Senate
- (d) One member of the Council appointed in that behalf by the Council
- (e) One member from the civil society appointed in that behalf by the Senate

The Honorary Degrees Committee shall be free to co-opt any Dean or Director of a School/Institute/Centre considered to have relevant contribution in respect of any proposed awardee to be considered by the Committee

The Honorary Degrees Committee will be set up by the DVC-ARC as and when there is a candidate or candidates to be considered for the award of Ardhi University Honorary Degree. The tenure of the Honorary Degrees Committee will persist from the time it is set up through to the time when its recommendations have been considered and a honorary degree is awarded; or when it is decided that there is no suitable candidate from the recommendations for the award.

A new Honorary Degrees Committee will be set up for a new phase of nominations.

8.5.2 Report by the Deputy Vice Chancellor, Academic, Research and Consultancy

The nominations for the award of the Ardhi University honorary degree shall be submitted to the Honorary Degrees Committee by way of the Report of the Deputy Vice Chancellor Academic, Research and Consultancy on the Candidates proposed to be awarded an Honorary Degree of Ardhi University during the relevant year. The Report shall inform the Committee the following:

- (a) Number of proposals received for the nomination of candidates and the persons who submitted these proposals.
- (b) Number of proposals admitted and shortlisted for consideration by the Committee.
- (c) Number of Proposals not admitted and reasons thereof.

The Report shall be accompanied by copies of Form HDF-1 as submitted by the proposers.

8.6 Procedures in the Honorary Degrees Committee

8.6.1 Procedures governing proceedings

The Committee shall agree on its own procedures in deliberating the DVC-ARC's Report

8.6.2 Nomination of Proposed Awardees

The Committee shall, after deliberations of the DVC-ARC Report, make nomination of a person or persons recommended to the Chancellor for the award of any specific honorary degree.

At most, three names will be proposed. If there is more than one name, the Committee will indicate them in order of priority.

The Honorary Degrees Committee will propose an Orator for each nominee recommended.

8.6.3 Nominations to be submitted to the University Management through the Vice Chancellor

Recommendation by the Honorary Degrees Committee shall be submitted to the Ardhi University Management, as established at the time, headed by the Vice Chancellor and including DVCs, the *Director of Finance and Accounts*, and Deans and Directors of various units.

8.7 University Management to submit nomination (s) to Senate and Council for endorsement

The University Management shall consider the recommendations of the Honorary Degrees Committee and come up with one name for the award, which will be submitted to Senate and Council for endorsement and approval.

8.8 Chancellor to approve the nomination

The Chancellor of Ardhi University will approve the proposed awardee for an Honorary Degree of Ardhi University after endorsement by Senate and Council.

The Chancellor will inform the nominee in writing of the offer to award him/her an Honorary Degree of Ardhi University.

9. Conferment of Honorary Degree

9.1 Acceptance Mandatory

No honorary degree shall be conferred upon any person unless such person has expressly accepted the offer made to him or her by Ardhi University after the Chancellor's approval of the nomination(s).

9.2 Honorary Degrees to be awarded during Graduation Ceremonies

The honorary Degrees of Ardhi University shall usually be conferred during scheduled Graduation Ceremonies. Exceptionally, where conditions so dictate, the Honorary degree can be awarded in between graduations.

9.3 Conferment *inter vivos* to be only *in Presentia*

Any person to be awarded an honorary degree of Ardhi University shall only be conferred such a degree in person at a specified graduation ceremony. Provided that in circumstances that necessitate deferment, such a person may request the award to be deferred to a future graduation ceremony.

9.4 Conferment *Posthumous*

Where an Honorary degree is to be awarded posthumously, it shall be so accepted by the surviving head of the deceased's family or such other nominee of the family as shall have been communicated to Ardhi University by the said family. The nominee shall receive the award in person and follow all procedures as if the award was made *inter vivos*.

9.5 Ceremony of Conferment

9.5.1 Convocation Address

The person who has accepted the award of an honorary degree of Ardhi University may be invited to give a Convocation Address at the convocation gathering preceding the graduation ceremony at which the honorary degree shall be awarded.

9.5.2 Order of the Proceedings for the award

The recipient of the honorary degree will be adorned with the special honorary degree gown and participate in the academic procession and be seated at the graduation arena upon termination of the procession.

The following shall be the order of proceedings for the conferment of the honorary degree:

- i) *Reading of the decision of the Chancellor*
The decision of the Chancellor to confer the Recipient with the honorary degree of Ardhi University shall be read out to the graduation congregation.
- ii) *Oration of the Recipient*
The oration of the Recipient shall be read by a Professor of Ardhi University who is conversant with the works of the Recipient and who will have been proposed by the Honorary Degrees Committee.
- iii) *Presentation for Conferment*
The Orator shall perform the presentation of the Recipient to the Chancellor
- iv) *Conferment of the Honorary Degree*
The Chancellor shall confer the Honorary Degree
- v) *Hooding or Ring Fitting*
The President of the Convocation of Ardhi University shall either hood the Recipient, or, fit the Recipient with Ardhi university Doctoral ring.
- vi) *Presentation of the honorary Degree Parchment*
The vice Chancellor of Ardhi University shall present to the Recipient the Ardhi University Honorary Degree Parchment
- vii) *Delivery of the Honorary Degree Acceptance Speech*
The awardee of the Honorary Degree will then proceed to the rostrum to deliver the Honorary Degree Acceptance Speech.

10. Rights, Privileges and Rescission of the Honorary Degree

The rights and privileges of the holder of an Honorary Degree of Ardhi University shall be clearly spelt out in the Honorary Degree Parchment. Rescission of the honorary Degree will be governed by the rules of Ardhi University governing the rescission of degrees.

ARDHI UNIVERSITY

HONORARY DEGREE RECIPIENT NOMINATION FORM

Members of Ardhi University COUNCIL and SENATE who wish to nominate a qualifying person as a Recipient of the Ardhi University Honorary Degree are required to fill in this form.

1. Particulars of the Proposer

1.1 Name: _____

1.2 Designation (Please tick)

Member of COUNCIL

Member of SENATE

2. Particulars of the Proposed Recipient

2.1 Name _____

2.2 Degree Proposed: _____

2.3 Basis of Proposing (Please tick)

- Candidate has rendered distinguished service in the advancement of any branch of learning
- Candidate has rendered himself/herself worthy such a degree by his/her distinguished contribution in the application of knowledge to solve real problems
- Candidate has rendered himself/herself worth of such a degree by his/her distinguished contribution towards advancing human rights
- Candidate has made meritorious and outstanding service to the University, the United Republic of Tanzania or to humanity at large

2.4 Brief Bio-data of the proposed Recipient (also attach an updated CV). Use or attach additional papers if necessary.

Specific attributes (elaborate specific contribution as per section 2.3 above). Use or attach additional documentation if necessary.

2.5 Name and Qualifications of the Proposed Orator:

GUIDELINES AND PROCEDURES FOR STUDENT CREDIT ACCUMULATION AND TRANSFER AT ARDHI UNIVERSITY

Regulations on Student Credit Transfer at Ardhi University

1. Introduction

These guidelines provide framework for students from other Universities to transfer their credits to and enable them to continue their studies and attain their degree at Ardhi University (ARU). The guidelines are in accordance with the Tanzania Commission for Universities (TCU) Credit Accumulation and Transfer General Guidelines 2012 revised in 2016.

2. Outline of Guidelines

The following comprises sections of credit transfer guidelines:

1. General principles of credit transfer
2. Credit transfer criteria from other universities to ARU
3. Role of ARU
4. Role of releasing institution
5. Role of the student
6. Procedures and administration of student credit transfer

2.1 General principles of credit transfer

Students' transfer from other Universities to ARU or programmes within ARU is permissible under the following principles:

- a) Credit transfer applies to all ARU programmes of study at undergraduate and postgraduate levels
- b) Students may transfer credits awarded by other regional University or higher education institution accredited by TCU or foreign universities or institutions of higher education accredited by their appropriate national educational authorities to ARU as long as that university/institution is judged to be substantially comparable in level to ARU with respect to the University Charter.
- c) Students transferring Credits from other Universities to ARU will be considered on a space available basis only.
- d) ARU students on study-abroad programmes (such as exchange or joint programmes) shall be allowed to transfer credits obtained from the other University to ARU provided that there is a Memorandum of understanding (MoU) between the two Universities that clearly stipulates credit transfer arrangements in line with the credit accumulation and transfer requirements;
- e) The relevancy and equivalence of courses shall be determined by the following criteria:
 - i) The course must have a theoretical component involving a final module examination on the whole course content at the end of the course.
 - ii) Course contents must be comparable in nature and level and match at least 75% to that of ARU course
 - iii) The number of teaching hours used to cover the course must not be less than 75% of those used at ARU.
 - iv) Once a course has been accepted as being equivalent to an ARU course as per the criteria, the course shall be given the same number of units/credits as that of the course at ARU regardless of the units/credits in the other University
- f) Transferring students should be aware that a core subject course or module in another University might not necessarily be a core subject, course or module at ARU;
- g) Transferred students shall earn credits only for the successfully completed courses;
- h) Students discontinued from other universities on academic or disciplinary grounds are not allowed to transfer credits to ARU;
- i) Number of credits and grades earned for a course will be included in calculating Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) of the students.
- j) Conversion of grades shall be done according to the following rules:

- i) A grade for the transferring student shall be obtained by anchoring the pass mark obtained from the other University to that of ARU and accordingly determining the range of marks in the other University for ARU grades
- ii) In the case where only grades (and not scored marks) are available, the lower equivalent grade shall be assumed.

2.2 Credit transfer criteria from other Universities to ARU

A student who intends to transfer for the purpose of accumulating credits on a specific subject, module or course or part of it shall be required to fulfill the following conditions:

- a) Must have been registered in the programme at the previous University/institution where the credits were accumulated.
- b) The applicant's academic entry qualifications in the previous University shall be similar to that required by ARU including the respective programme's cut-off point in the relevant year.
- c) The subject, course or module intended for credit accumulation must be relevant to the programme to which the student is registered;
- d) The subject, course or module has been successfully completed before credits can be earned;
- e) Credit transfer can only be allowed if such credits have been obtained within a period of not more than five (5) years;
- f) With the exception of students under exchange or joint programme for which a MoU exists, a student who intends to transfer for purposes of graduating at ARU shall be required to earn at least 50% of the total credits from ARU core courses.

2.3 Role of ARU

ARU shall:

- a) Satisfy itself that the student seeking transfer from another University had met the conditions for transfer;
- b) Ensure that all transfer arrangements made by the other University are acceptable;
- c) Counsel the student on compliance requirements for any mismatch between the programmes;
- d) Upon receiving the student notify TCU and any relevant authorities that the student has reported for studies;
- e) Submit the student's credit transfer request letter to TCU
- f) Submit to TCU all copies of academic certificates and provisional results/transcripts from the University from which the student is transferred.
- g) Indicate the requested year of transfer and proposed semester as per 50% credit transfer regulations
- h) Submit to TCU the credits comparison matrix which shows:
 - i) Course credits earned from another University and the year of study against those of ARU
 - ii) Student's details including full name, gender, proof of previous academic qualifications, nationality and nature of disability (where applicable).
- i) Communicate the transfer to TCU prior to registration to allow TCU to evaluate student's eligibility to the programmes he/she wishes to transfer to so as to avoid inconvenience.
- j) Ensure that TCU has received, evaluated and endorsed the credit transfer before the student is admitted and/or registered at ARU.

2.4 Role of the releasing institution

The releasing University shall:

- a) Facilitate the student's transfer and provide the necessary information on the student and the programme;
- b) Provide evidence of the amount of time the student has spent on unsupervised workload, which is aiming at achieving learning outcomes;
- c) Provide detailed transcripts/statement of results indicating credits and grades awarded to the transferring student;

- d) Provide an authentic and signed letter to ARU, which contains relevant student's information.

2.5 Role of the student

The student wishing to transfer credits to a programme at ARU shall:

- a) Apply and secure admission at ARU using the standing University application procedures;
- b) Understand and accept the terms and conditions regarding the programme to which he/she is intending to transfer;
- c) Take the necessary measures to ensure that, on being transferred he/she will cope with the learning environment at ARU;
- d) Confirm his/her acceptance of the terms and conditions set by ARU; and,
- e) Notify his/her sponsor about the transfer through the receiving institution.
- f) Meet all costs and expenses arising from credit transfer process

2.6 Procedures and administration of student credit transfer

- a) Applications for credit transfer into specific programme should be submitted to the Deputy Vice Chancellor Academic, Research and Consultancy (DVC-ARC), in writing, and attaching copies of all supporting documents required for admission of first-time student.
- b) All applications shall be scrutinized by relevant committees responsible for admission at the School/Institute levels before reaching Senate for approval.
- c) Students transferring from other universities to ARU shall apply for credit transfer at least three months before the beginning of the semester they want to join. Applications of students under exchange or joint programmes shall be dealt with on case-by-case basis.
- d) Supporting documents for credit transfer application shall include the following:
 - i) Certified transcripts/statement of results from the previous University
 - ii) Letter of introduction/recommendation from the previous University
 - iii) Course description, catalogue or syllabus (to include specific content that covered number of hours of teaching, method of assessment and grading system)
 - iv) An official translation of the original documents (in case of non-English documents)
 - v) Personal identification documents e.g., Birth certificate, passport or ID and current and valid passport photo
 - vi) Certified copies of the original certificates used to gain admission into the previous University.
- e) Credit transfer applicants must pay a non-refundable fee to be determined from time to time by ARU council unless stated otherwise in the respective MoU governing the ARU students under exchange or joint programmes.