



UNITED REPUBLIC OF TANZANIA
Ministry of Education, Science and Technology



SOKOINE UNIVERSITY OF AGRICULTURE

Directorate of Planning and Investment



FACTS AND FIGURES

2020/21 – 2024/25

“Ardhi ni Hazina”
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TABLE OF CONTENTS

LIST OF TABLES	iv
LIST OF FIGURES	v
PREFACE.....	1
FOREWORD.....	2
ACKNOWLEDGEMENT.....	3
KEY TO ABBREVIATIONS	4
CHAPTER ONE: GENERAL INFORMATION.....	6
1.0 SUA History	6
1.1 University Vision.....	6
1.2 Mission Statement.....	7
1.3 SUA Core Values	7
1.4 Genesis of Facts Book	7
1.5 University Estate.....	7
1.6 Affiliated Institutions	8
1.7 University Publications	9
CHAPTER TWO: UNIVERSITY GOVERNANCE.....	10
2.0 University Governance and Management	10
2.1 Students Governance	12
2.2 Trade Unions and Associations	12
CHAPTER THREE: SUA OFFERED PROGRAMMES AND STUDENTS PROFILE	13
3.1 SUA Academic Programmes Offered.....	13
3.1.1 Academic Programmes Duration	16
3.1.2 University Research and Publications	16
3.2 Students Enrolment	23
3.2.1 Overall Students Enrolment	23
3.2.2 Foreign Students.....	29
3.3 Graduation for Students.....	31
3.3.1 Graduation Rates of Students	31
CHAPTER FOUR: STAFF PROFILES	33
4.0 Staff Qualifications	33
4.1 Academic Staff by Rank.....	33
4.1.1 Undergraduate Student-Staff Ratio	35
4.2 Administrative and Technical Staff Qualifications	37
CHAPTER FIVE: TEACHING, RESEARCH AND PRACTICAL TRAINING FACILITIES.....	38
5.0 University Teaching Facilities	38

5.1 Teaching Space	38
5.1.1 Classrooms, Seminar Rooms and Lecture Theatres	38
5.1.2 Laboratory Space at SUA	42
5.1.3 Library Facilities	46
5.2 SUA Teaching Animal Hospital.....	47
5.2.1 Introduction.....	47
5.3 SUA-Animal Research Unit	51
5.3.1 Livestock Population Trends at SUA - Animal Research Unit.....	51
5.4 University Dairy Farms	53
5.5 SUA-Model Training Farm	56
5.5.1 Introduction.....	56
5.5.2 Objectives	56
5.5.3 Specific Objectives.....	56
<i>CHAPTER SIX: STUDENT WELFARE AND SUPPORT SERVICES.....</i>	<i>59</i>
6.1 Students Accommodation	59
6.2 Financial Resources and Budgets	60
6.3 Health Services and Facilities.....	63
6.3.1 Introduction.....	63
6.3.2 Services Offered	63

LIST OF TABLES

Table 1: University Calendar	8
Table 2: University Tier and Heads.....	10
Table 3: Academic Programmes and their Host Units	13
Table 4: Academic Programmes Duration	16
Table 5: Sokoine University of Agriculture Collaborative Research from 2020/21 to 2024/25	17
Table 6: Sokoine University of Agriculture Sponsored Research from 2020/21 to 2024/25	17
Table 7: Sokoine University of Agriculture Publications, SUARIS Funding and Technology Transfers from 2020/21 to 2024/25.....	18
Table 8: Sokoine University of Agriculture Consultancy Value from 2020/21 to 2024/25.....	21
Table 9: Undergraduate Students' Enrolment by Host Unit, Gender and Category from 2020/21 to 2024/25	24
Table 10: Overall Students' Enrolment by Level, Gender and Category from 2020/21 to 2024/25	26
Table 11: International Undergraduate and Postgraduate Students from 2020/21 to 2024/25	29
Table 12: Summary of Undergraduate Degree, Non-Degree and Postgraduate Degree Graduates by Level and Sex from 2020/21 to 2024/25	31
Table 13: Academic Staff distribution by Ranks and Gender in 2020/21 to 2024/25	34
Table 14: Undergraduate Student–Staff Ratio.....	36
Table 15: Administrative and Technical Staff Qualifications by Cadre and Gender from 2020/21 to 2024/25	37
Table 16: Distribution of Teaching Space at SUA	38
Table 17: List of SUA Laboratories by type, holding Capacity and Space in each Unit.....	43
Table 18: Library Resources from 2020/21 to 2024/25	46
Table 19: Sokoine National Agricultural Library Seating Capacity	46
Table 20: Service Offered by SUA Animal Teaching Hospital, Category and Number of.....	48
Table 21: Livestock Population Trend (Cross-Breed) at SUA-Animal Research Unit for the Period of Five Years 2020/21 to 2024/25.....	51
Table 22: University Farm- Magadu at Main Campus and Solomon Mahlangu Campus by Sex in 2020/21 to 2024/25	54
Table 23: SUA Model Training Farm.....	57
Table 24: Hostels Available at SUA.....	59
Table 25: Financial Support from Government in 2020/21 to 2024/25	60
Table 26: Financial Support from Donors and Grants in 2020/21 to 2024/25	60
Table 27: Financial Support from SUA -Internally Generated Income in 2020/21 to 2024/25	60
Table 28: Number of Patients Attended and Bed Capacity at SUA Health Delivery Unit from 2020/21 to 2024/25	64
Table 29: Number of Disposition Staff at SUA Health Delivery Units by Gender/Sex 2020/21 to 2024/25...	67
Table 30: SUA Health Delivery Units Staff Disposition by Cadre and Specialisation in 2020/21 to 2024/25 .	67

LIST OF FIGURES

Figure 1: The Proposed Structure of the Sokoine University of Agriculture.....	11
Figure 2: Proportion of programmes offered by the University at different academic levels, 2024/25.....	16
Figure 3: SUA Collaborative Research trend from 2020/21 to 2024/25.....	17
Figure 4: SUA Sponsored Research trend from 2020/21 to 2024/25.....	18
Figure 5: SUA Active Journal Articles Trend from 2020/21 to 2024/25.....	19
Figure 6: SUA Conference Papers trend from 2020/21 to 2024/25.....	20
Figure 7: SUA Book Chapters Trend from 2020/21 to 2024/25.....	20
Figure 8: SUARIS Funding trend from 2020/21 to 2024/25.....	21
Figure 9: SUA Consultancy Projects Trend from 2020/21 to 2024/25.....	22
Figure 10: SUA Consultancy Value Trend from 2020/21 to 2024/25.....	22
Figure 11: Undergraduate Student's Enrolment Trend in Relation to Host Unit from 2020/21 to 2024/25 .	25
Figure 12: Overall Bachelor Degree Student's Enrolment Trend from 2020/21 to 2024/25.....	27
Figure 13: Overall Non-Degree Student's Enrolment Trend from 2020/21 to 2024/25.....	27
Figure 14: Overall Undergraduate Student's Enrolment Trend from 2020/21 to 2024/25.....	28
Figure 15: Overall Postgraduate Student's Enrolment Trend from 2020/21 to 2024/25.....	28
Figure 16: Undergraduate and Postgraduate Enrolment Students from 2020/21 to 2024/25.....	29
Figure 17: Overall Foreign Students' Enrolment by Levels from 2020/21 to 2024/25.....	30
Figure 18: Undergraduates Graduates by Level and Gender from 2020/21 to 2024/25.....	32
Figure 19: Postgraduate Graduates by Level and Gender from 2020/21 to 2024/25.....	32
Figure 20: Academic Staff Distribution by Rank from 2020/21 to 2024/25.....	35
Figure 21: The Dr. Samia Suluhu Hassan Teaching Complex at Edward Moringe Campus.....	41
Figure 22: Number of treatment/clinical cases from 2020/21 to 2024/25.....	48
Figure 23: Number of surgical cases from 2020/21 to 2024/25.....	49
Figure 24: Number of vaccination and deworming cases from 2020/21 to 2024/25.....	50
Figure 25: Livestock (Cross-breed) Population at Animal Research Unit-SUA Main Campus from 2020/21 to 2024/25.....	52
Figure 26: Livestock Population Trend at SUA - Magadu Dairy Farm Production–SUA- Main Campus from 2020/21 to 2024/25.....	55
Figure 27: Five Years Livestock Population Trend at Mazimbu Dairy Farm Production Unit from 2020/21 to 2024/25.....	55
Figure 28: Financial Support from Government from 2020/21 to 2024/25.....	61
Figure 29: Financial Support from Donors and Grants from 2020/21 to 2024/25.....	61
Figure 30: Financial Support from SUA Internal Generated Income from 2020/21 to 2024/25.....	62
Figure 31: Number of Patients attended from 2020/21 to 2024/25.....	65

PREFACE

This publication of Facts and Figures presents data collected from Sokoine University of Agriculture (SUA) as part of the continuous attempt to quantify the University's performance. Facts and Figures publication is one of the monitoring tools that empirically measure progress of the implementation of the University's Corporate Strategic Plan.

This publication covers the period from July 2019 to June 2024. The information contained herein is accurate and reliable and is for use by a wide range of stakeholders including the University management, policy decision makers, students, development partners, and the public.

It would be an overstatement to claim that this document presents every detail on performance variables. Attempting to do so would make the publication excessively voluminous and unreadable.

Therefore, data on critical and selected variables only have been included. On behalf of SUA Management, I wish to thank the Directorate of Planning and Investment for coordinating the production of this publication.

Prof. Raphael T. Chibunda

Vice Chancellor

FOREWORD

This document details the critical components of our university mandate. It provides strategic data for our future planning. It helps us deliver services with speed and accuracy. We remain fully committed to producing future leaders.

The successful compilation of the Facts and Figures 2020/21–2024/2025 book was made possible through the collective efforts and contributions of several individuals, Heads of University Units, and the University Management. I also recognize and thank all staff members who supported and facilitated data collection processes in various capacities within their respective units. Their cooperation, commitment, and timely response were instrumental in ensuring perfection, accuracy, comprehensiveness, completeness and the overall success of this report.

I wish to express my sincere gratitude to the dedicated staff at the Directorate of Planning and Investment (DPI) for their tireless efforts, professionalism, and determination throughout the entire process. Their dedication and attention to detail were a key to producing this comprehensive and informative book which will serve as a valuable resource for the University and its stakeholders.

Prof Amandus P. Muhairwa

Deputy Vice Chancellor – Planning, Finance and Administration

ACKNOWLEDGEMENT

The Directorate of Planning and Investment at Sokoine University of Agriculture wishes to thank the University Management. Their strategic guidance was vital for this publication.

We appreciate all Principals, Deans, Directors, Coordinators, Heads of Departments, Units and all staff who in any way participated in supplying information, compiling data, and providing comments that were instrumental in the production of this publication. We look forward to future cooperation in similar exercises.

The Directorate wishes to reiterate its call for efficient data collection, storage and accessibility at all levels, which are at the bottom line of successful production of the University Facts and Figure in the future.

Dr. Felix A. Nandonde

Ag. Director

Directorate of Planning and Investment

KEY TO ABBREVIATIONS

Agri-	Agricultural
ANC	African National Congress
Aq	Aquaculture
ARU	Animal Research Unit
ARV	Anti-Retroviral
ASSE	Assessment
Assu	Assurance
BSc	Bachelor of Science
Bio	Biology
CoNAS	College of Natural and Applied Sciences
Conserv	Conservation
CSP	Corporate Strategic Plan
Dept	Department
Econ	Economics
Eco	Ecosystem
Ed	Education
Eng	Engineering
Ext	Extension
F	Female
Geo	Geography
Ha	Hectare
HC	Health Centre
HDUs	Health Delivery Units
HIV test	Human Immunodeficiency Virus test
ICE	Institute of Continuing Education
Km	Kilometre
M	Male
MATH	Mathematics
MC	Main Campus
MCHA	Maternal and Child Health Attendant
MED	Medicine
MGT	Management
MICRO	Microbiology
MSc	Masters of Science
PGD	Postgraduate Diploma
PhD	Doctor of Philosophy
PHY	Physiology
PHARMA	Pharmacology
PLWHA	People Living with HIV and AIDS
RANG	Range
RECR	Recreation
RES	Resources
SURG	Surgery
SNAL	Sokoine National Agricultural Library
STI	Sexual Transmitted Infection
SUA	Sokoine University of Agriculture
SUA CSP	SUA Corporate Strategic Plan
SUASO	Sokoine University of Agriculture Students Organisation
SUST	Sustainable

TAJAS	Journal of Agricultural Sciences
TVJ	Tanzania Veterinary Journal
TECHN	Technology
TOUR	Tourism
VET	Veterinary
VDRL	Venereal Diseases Research Laboratory

CHAPTER ONE

INTRODUCTION

1. GENERAL INFORMATION

1.0 SUA History

- ❖ Sokoine University of Agriculture (SUA) was established on the 1st of July 1984 by the Parliament Act No. 6. This Act was later repealed by the Universities Act of 2005 from which upon application, the Sokoine University of Agriculture was granted its Charter in 2007.
- ❖ In 1965, SUA started as the College of Agriculture offering Diploma training in Agriculture, following the dissolution of the University of East Africa and the establishment of the University of Dar-es-Salaam.
- ❖ On the 1st of July 1970, the College of Agriculture became the Faculty of Agriculture of the University of Dar-es-Salaam.
- ❖ In 1973 and 1976, the Divisions of Forestry and Veterinary Sciences were introduced respectively.
- ❖ In 1984, SUA was established with three Faculties namely the Faculty of Agriculture, the Faculty of Forestry and the Faculty of Veterinary Medicine.
- ❖ In 1999, the fourth Faculty of Science was established.

In 2014, the Council of Sokoine University of Agriculture approved the restructuring process for the Academic and Non-academic units which saw the transformation of the University from Faculties to Colleges and Schools system and which was concluded in July 2017. Currently, the university has seven (7) Colleges and two (2) Schools which includes the College of Agriculture (COA), the College of Forestry, Wildlife and Tourism (CFWT), the College of Social Sciences and Humanities (CSSH), the College of Natural and Applied Sciences (CONAS), the College of Veterinary Medicine and Biomedical Sciences (CVMBS), the College of Economics and Business Studies (COEBS), the School of Education (SOE), the School of Engineering and Technology (SOET) and Mizengo Pinda Campus College (MPCC).

1.1 University Vision

Sokoine University of Agriculture is guided by the following vision:

“To be a leading University in the provision of quality knowledge, skills and innovations in agriculture and allied sciences”

1.2 Mission Statement

Sokoine University of Agriculture strives to “To undertake training, research in agriculture, and allied sciences and deliver highly competitive outputs that contribute to national, regional and global socio-economic development.”

1.3 SUA Core Values

In achieving its vision and fulfilling its mission, SUA adheres to the following core values:

- Effectiveness
- Efficiency
- Pursuit of excellence
- Creativity and innovativeness
- Equality and social justice
- Integrity
- Transparency
- Accountability

1.4 Genesis of Facts Book

- ❖ The objective of the compilation of data of the University emanated from the need by the University Management of getting a clearer picture of what goes on in the University.
- ❖ The compilation aims at enabling the University to be aware and know better university strengths, weaknesses, opportunities and challenges.
- ❖ The main focus is on key resources of the institution, which comprise students, academic staff, technical and administrative staff, infrastructural development, financial resources both local and foreign and the way these resources are utilized.
- ❖ These data are useful in assessing critical achievements of the University in its efforts to achieve goals set in the fifth Corporate Strategic Plan (CSP) 2021 - 2026.

1.5 University Estate

The university has 5,193 hectares of land for training, research and production that spread in six campuses as follows:

- ❖ The Edward Moringe Campus, which is situated 3 km South of Morogoro town, has a total area of 2,376 ha. The campus comprises three parcels of land on the slopes of the Uluguru Mountains at the Morning Side, Towero and Luhungu with a total area of 29.5 ha.
- ❖ Solomon Mahlangu Campus, which until 1992 was known as the Solomon Mahlangu Freedom College of the African National Congress of South Africa, is situated about 11 km on the North-West of Morogoro town occupying a total area of 1,050 ha.

- ❖ The Olmotonyi Campus, which is located in Arusha region, with a total area of 840 ha plantation forest, serves as a centre for forestry practical training.
- ❖ Mazumbai Forestry Reserve, with a total area of 320 ha, is situated in Lushoto District in Tanga region. This is a natural forest used for training and research.
- ❖ Tunduru Campus, which is located Daraja Mbili Village 80Km from Tunduru Town towards Songea, has a total area of 9 ha, 11 buildings.
- ❖ Mizengo Pinda Campus, which is located in Kibaoni Village, Mlele District in Katavi Region, has a total area of 268 ha.; 68 ha. in campus and 200 ha. field (farm). Further the campus has compensated local residents around the campus and acquired 689 Ha. Therefore, the Campus now has 757 ha. The campus is located 1160 Km from SUA – Main Campus, Morogoro region. The new training campus in Katavi region was established to serve as a practical training centre for SUA - undergraduate students who are trained in variety fields and research activities.
- ❖ Ifinga Training Forest located at Madaba District, Ruvuma region. The campus has a total area of 10,000 Ha. of which 1200 Ha has been planted trees for training and income generation.

Table 1: University Calendar

Calendar	Time
Orientation week	End of October (1 week)
Semester one	November- February (17 weeks)
Semester one vacation	End of February- March (2weeks)
Semester two	Mid-March-July (17weeks)
Semester – Field Practical Training for Students year 3,4,5 and Sophomore Students	First cluster - March-April
	Second cluster- June-July,
	Third cluster- July-September
Semester two vacation	End of July to October
Recess	End of October(1 Week)

1.6 Affiliated Institutions

Sokoine University of Agriculture strives to establish and strengthen affiliations with other private and public institutions within and outside Tanzania. Major categories of collaborating partners include Government institutions such as Ministries and other parastatal organizations, Higher Education institutions as well as private companies.

1.7 University Publications

The university has several publications published by different academic units. They include papers in scientific journals, research records, newsletters and guidelines. Some SUA researchers are members of Editorial Boards of reputable local and international scientific journals. All publications by SUA staff are now deposited at SNAL in SUA Institutional Repository. The Agricultural Journals based at SUA include the following:

1. Tanzania Journal of Agricultural Sciences (TAJAS)
2. Tanzania Journal of Forestry and Nature Conservation (TJFNC)
3. Tanzania Veterinary Journal (TVJ)
4. Journal of Agricultural Economics and Development (JAED)
5. Sub-Saharan Journal of Social Sciences and Humanities (SSJSSH)

CHAPTER TWO

UNIVERSITY GOVERNANCE

2.0 University Governance and Management

The Head of the University is the Chancellor. The Vice Chancellor is the Chief Executive Officer of the University and is assisted by two Deputies: The Deputy Vice Chancellor for Academic, Research and Consultancy Affairs and the Deputy Vice Chancellor for Planning Finance and Administration. Figure 1 presents the organogram of the University management structure. The overall governance, control and administration of the University are vested in the University Council, which is headed by the Chairperson and Vice Chairperson. The Council has 4 committees:

1. Finance Planning and Investment Committee (FPDC)
2. Senate Committee
3. Audit Committee
4. Human Resource Committee (Administrative and Academic Staff)

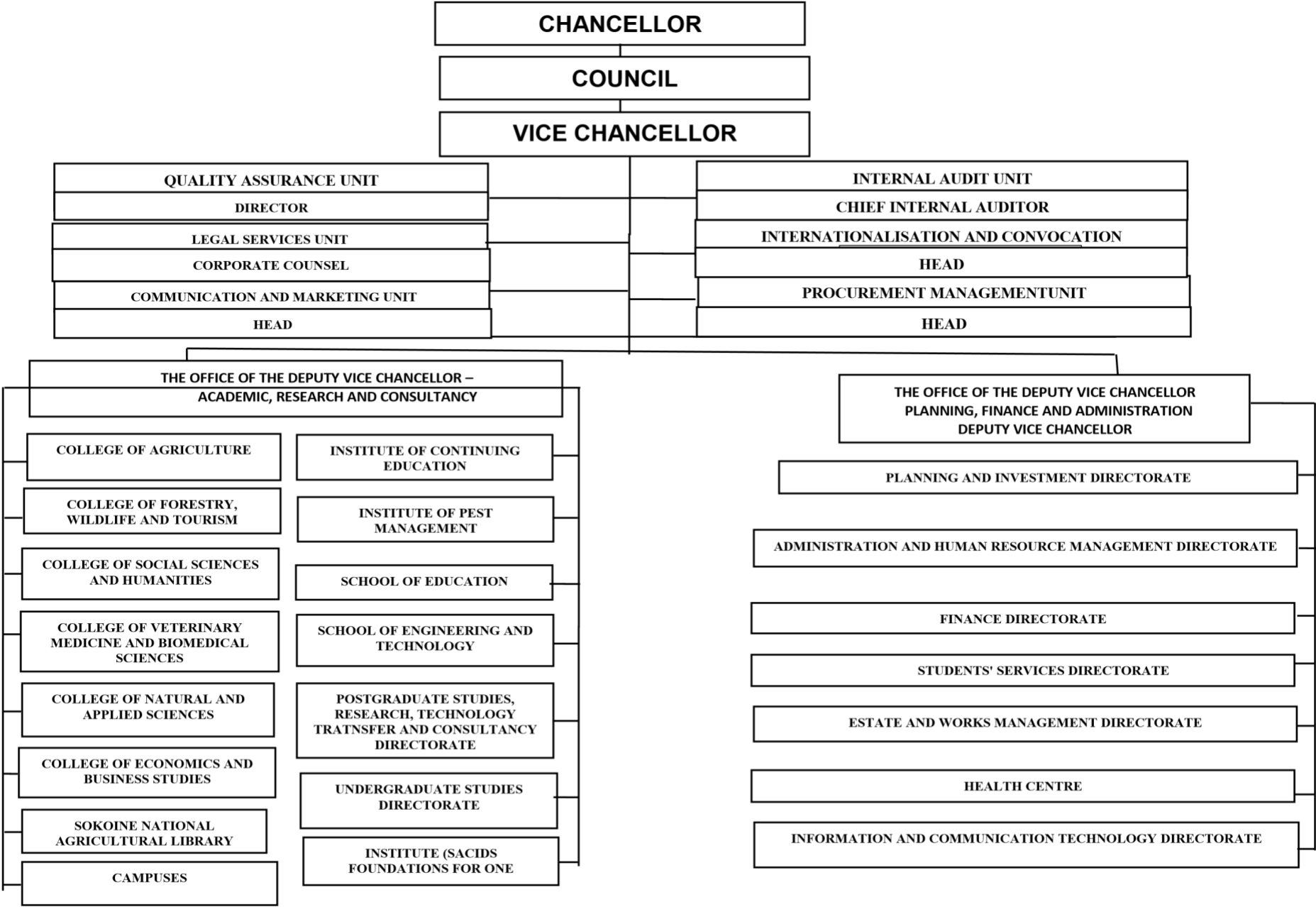
At the moment, the people occupying governance and management positions at the University are as follows:

1. Chancellor: **Hon. Judge (Rtd) Joseph Sinde Warioba**
2. Chairman of the Council: **Hon. Andrew William Massawe**
3. Council Vice Chairperson: **Ms. Dorothy Mwanyika**
4. Vice Chancellor: **Prof. Raphael T. Chibunda**
5. Deputy Vice Chancellor (Academic, Research and consultancy): **Prof. Maulid W. Mwatawala**
6. Deputy Vice Chancellor (Planning, Finance and Administration): **Prof. Amandus Muhairwa**
7. Secretary Corporate Council: **Ms. Lunyamadzo Gillah**

Table 2: University Tier and Heads

Tier	Heads
University	Chancellor
	Chairman of the Council
	Vice Chairperson of Council
	Vice Chancellor
	Deputy Vice Chancellor (Academic)
	Deputy Vice Chancellor (Finance and Administration)
Colleges	Principal
School	Dean
Directorate/ Institute/Centre	Director
Department	Head/Chief

Figure 1: The Proposed Structure of the Sokoine University of Agriculture



2.1 Students Governance

The Director of Students Welfare has the control over university student's governance affairs. The President and Vice-Presidents of student's governance are members of the University Council. The student body is governed by rules and regulations as gazetted in Sokoine University of Agriculture, SUASO Constitution. The division of Student Affairs provides a variety of programs and services for students. The Dean's Office promotes, supports and complements the mission of the institution by working collaboratively with students, staff and the surrounding communities to facilitate conducive learning environment.

2.2 Trade Unions and Associations

SUA hosts two active trade unions and one association which represent the interests of its staff across various sectors. They collectively contribute to fostering a supportive working environment and ensuring staff rights and interests are well represented at SUA. The trade unions and associations are:

RAAWU (Researchers, Academicians and Allied Workers Union)

This represents academic and non-academic staff in agricultural and allied disciplines. It focuses on safeguarding staff welfare, advocating for better working conditions and supporting professional development.

THTU (Tanzania Higher Learning Institutions Trade Union)

This Trade Union advocates for the rights and welfare of staff working in public universities and higher learning institutions in Tanzania. It protects and promotes work interests, collective bargaining, ensures labour law compliance, dispute resolution and provides training and education to its beneficiaries.

SUASA (Sokoine University Academic Staff Association)

This association specifically represents academic staff at Sokoine University of Agriculture. The association promotes the welfare, interests, and academic freedom of its members within the university community.

CHAPTER THREE

SUA OFFERED PROGRAMMES AND STUDENTS PROFILE

3.1 SUA Academic Programmes Offered

Sokoine University of Agriculture offers a diversity of academic programmes at the Certificate, Diploma, Bachelor, Postgraduate Diploma, Masters and PhD levels. For the academic year 2024/25, SUA offered 2 Certificate programmes, 6 Diplomas, 39 Bachelor Degrees, 58 Masters, 3 Postgraduate Diploma and 16 PhD's. This shows that 62 per cent of the University's programme are at the postgraduate level, with the undergraduate level accounting for 38 per cent as shown in Figure 2.

Table 3: Academic Programmes and their Host Units

COLLEGE	ACADEMIC PROGRAMMES
College of Agriculture	Bachelor of Science in Agriculture General
	Bachelor of Science in Horticulture
	Bachelor of Science in Crop Production and Management
	Bachelor of Science in Agronomy
	Bachelor of Science in Animal Science and Production
	Bachelor of Science in Aquaculture
	Bachelor of Science in Range Management
	Bachelor of Community Development
	Bachelor of Science in Applied Agricultural Extension
	Bachelor of Science in Family & Consumer Sciences
	Bachelor of Science in Human Nutrition
	Master of Science in Crop Science
	Master of Science in Crop Protection
	Master of Science in Seed Technology and Business
	Master of Science in Horticulture
	Master of Science in Tropical Animal Production
	Master of Science in Aquaculture
	Master of Science in Soil Science and Land Management
	Master of Science in Human Nutrition
	Master of Science in Agricultural Extension
	Master of Science in Agricultural Statistics
	PhD in Soil and Water Management (Course work and Research)
	PhD Agro-Ecology (Course work and Research)
	PhD in Agricultural and Rural Innovation (PhD ARI) by Coursework and Research
College of Natural and Applied Sciences	Certificate in Information Technology
	Diploma in Records, Archives and Information Management

COLLEGE	ACADEMIC PROGRAMMES
	Diploma in Information and Library Science
	Diploma in Tropical Animal Health and Production
	Diploma in Information Technology
	Bachelor of Science in Environmental Sciences and Management
	Bachelor of Science in Information Technology
	Bachelor of Information and Records Management
	Bachelor of Science with Education (Agricultural Sciences and Biology)
	Bachelor of Science with Education (Chemistry and Biology)
	Bachelor of Science with Education (Chemistry and Mathematics)
	Bachelor of Science with Education (Geography and Biology)
	Bachelor of Science with Education (Geography and Mathematics)
	Bachelor of Science with Education (Informatics and Mathematics)
	Bachelor of Science with Education (Physics and Chemistry)
	Bachelor of Science with Education (Physics and Mathematics)
	Bachelor of Science with Education (Physics and Geography)
	Bachelor of Science with Education (Physics and Information Technology)
	Master of Science with Education (Mathematics)
	Master of Science with Education (Biology)
	Master of Science with Education (Chemistry)
	Master of Science in Analytical Chemistry by Research
	Master of Science in Phytochemistry
	PhD in Analytical Chemistry by Research
	PhD in Phytochemistry by Research
	PhD in Phytomedicine by Research
	PhD in Mathematics
	PhD in Library Studies
	PhD in Geography and Environmental Studies
College of Forestry, Wildlife and Tourism	Bachelor of Science in Forestry
	Bachelor of Science in Wildlife Management
	Bachelor of Science in Wood Technologies and Value Addition
	Bachelor of Tourism Management
	Postgraduate Diploma in Result-based Monitoring and Evaluation
	Master of Science in Wildlife Management and Conservation
	Master of Science in Forest Engineering
	Master of Science in Management of Natural Resources for Sustainable Agriculture
	Master of Science in Forest Products and Technology
	Master of Science in Forestry
	Master of Science in Agroforestry
	Master of Science in Ecosystems Science and Management
	Master of Science in Forest Resources Assessment and Management
	PhD in Forest Sciences

COLLEGE	ACADEMIC PROGRAMMES
College of Veterinary Medicine and Biomedical Sciences	Diploma in Laboratory Technology
	Bachelor of Veterinary Medicine
	Bachelor of Science in Biotechnology and Laboratory Sciences
	Master of Preventive Veterinary Medicine
	Master of Science in Public Health and Food Safety
	Master Science in Public Health Pest Management
	Master of Science in Health of Aquatic Animal Resources
	Master of Science in Applied Microbiology
	Master of Science in Animal Reproduction and Biotechnology
	Master of Science in Molecular Biology and Biotechnology
	Master of Veterinary Surgery
	Master of Science in One Health Molecular Biology
	Master of Science in Parasitology
	PhD in Veterinary Medicine and Biomedical Sciences
College of Social Sciences and Humanities	Bachelor of Rural Development
	Bachelor of Arts in Development Planning and Management
	Master of Arts in Rural Development
	Master of Arts in Project Management and Evaluation
	Master of Arts in Development Planning and Policy Analysis
	PhD in Policy Planning and Management
	PhD in Rural Development
School of Education	Postgraduate Diploma in Education
	Master of Educational Curriculum and Instruction
	PhD in Education
College of Economics and Business Studies	Bachelor of Science in Agricultural Economics and Agribusiness
	Bachelor of Agricultural Investment and Banking
	Postgraduate Diploma in Agricultural Economics
	Master of Science in Agricultural Economics
	Master of Science in Agricultural and Applied Economics
	Master of Business Administration (MBA) – Agribusiness
	Master of Business Administration – Evening Programme
	PhD in Agribusiness (Course work and research)
	PhD in Agricultural Economics (Research)
School of Engineering Science and Technology	Bachelor of Science in Agricultural Engineering
	Bachelor of Science in Irrigation and Water Resources Engineering
	Bachelor of Science in Bio-processing and Post-harvest Engineering
	Bachelor of Science in Food Science and Technology
	Master of Science in Post-Harvest Engineering and Management
	Master of Science in Agricultural Engineering
	Master of Science in Irrigation Engineering and Management
	Master of Science in Land Use Planning Management
	Master of Science in Food Science
	Master of Science in Food Quality and Safety Assurance
Mizengo Pinda Campus - Katavi	Certificate in Tour Guide and Hunting Operations
	Diploma in Crop Production and Management

COLLEGE	ACADEMIC PROGRAMMES
	Bachelor of Science in Bee Resources Management

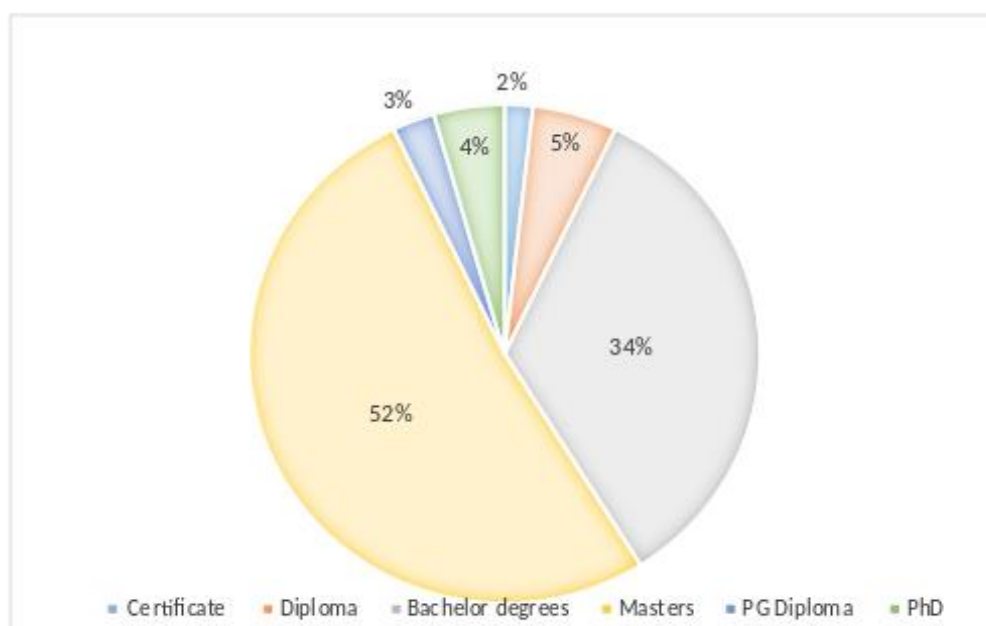


Figure 2: Proportion of programmes offered by the University at different academic levels, 2024/25

3.1.1 Academic Programmes Duration

Table 4: Academic Programmes Duration

Program level	Duration
PhD Programmes	4 years
Masters Programmes	2 years
Post Graduate Diploma Programmes	1 year
Undergraduate Degree Programmes	3 – 5 years
Ordinary Diploma Programmes	2 years
Certificate Programmes	1 year

3.1.2 University Research and Publications

3.1.2.1 Collaborative and Sponsored Research Projects

SUA's research focus areas are selected with due consideration to the national development efforts. According to the National Development Vision 2025 and other related policies; the University's research priorities were developed to guide its research focusing on achieving the following themes:

- (i) Eradication of Poverty,
- (ii) Food Security,
- (iii) Environmental Sustainability,
- (iv) Good Governance and Empowerment,
- (v) Vector and Pest Management,
- (vi) Animal and Public Health Management.

Table 5: Sokoine University of Agriculture Collaborative Research from 2020/21 to 2024/25

Academic year	Number of cases
2024/25	26
2023/24	29
2022/23	32
2021/22	33
2020/21	22

Source: Directorate of Postgraduate Studies, Research, Technology Transfer and Consultancy

**Figure 3: SUA Collaborative Research trend from 2020/21 to 2024/25****Table 6: Sokoine University of Agriculture Sponsored Research from 2020/21 to 2024/25**

Academic Year	Number of Cases
2024/25	24
2023/24	0
2022/23	31
2021/22	34
2020/21	20

Source: Directorate of Postgraduate Studies, Research, Technology Transfer and Consultancy

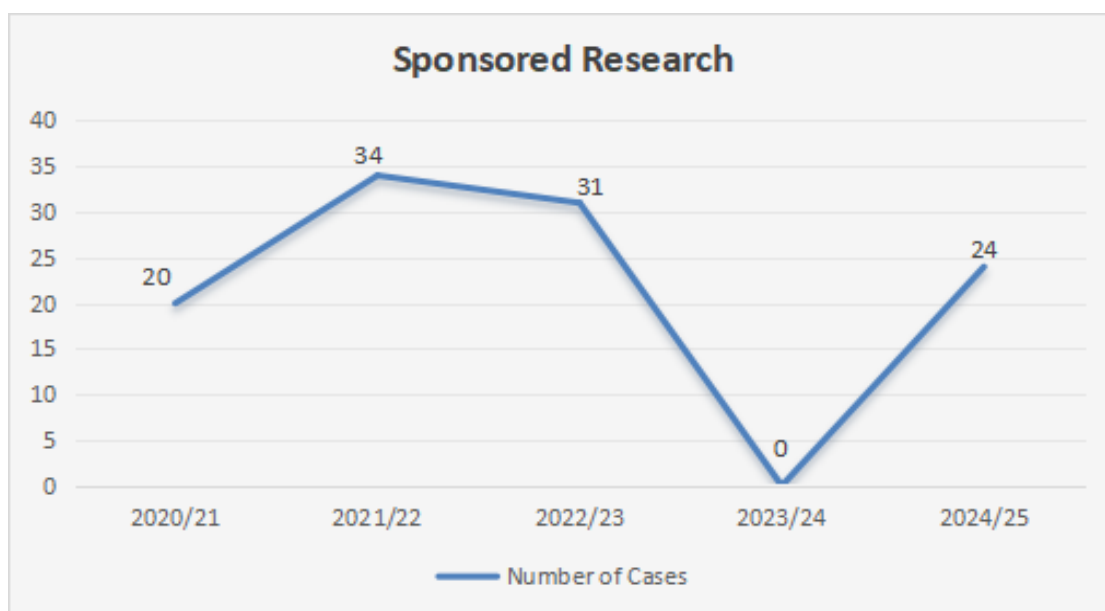


Figure 4: SUA Sponsored Research trend from 2020/21 to 2024/25

3.1.2.2 Publications, SUARIS Funding and Technology Transfers

SUA continues to demonstrate steady growth in research productivity and scholarly output as outlined in Table 7.

Table 7: Sokoine University of Agriculture Publications, SUARIS Funding and Technology Transfers from 2020/21 to 2024/25

Year	2020/21	2021/22	2022/23	2023/24	2024/25
Journal Article Published by SUA staff	331	268	448	436	455
Conference Papers Published by SUA staff	6	5	3	26	0
Books Chapter Published by SUA staff	9	7	7	2	6
SUARIS Funding	20	34	31	24	0
Technology Transfers (Innovations and Patents)	1	2	0	0	0

Journal Articles

Figure 5 presents the number of journal articles published, indicating a strong upward trend with an increase from 331 articles in 2020/21 to 455 articles in 2024/25, and a notable peak of 448 articles in

2022/23. This growth reflects enhanced research capacity, increased collaboration and improved publication support mechanisms within the university.

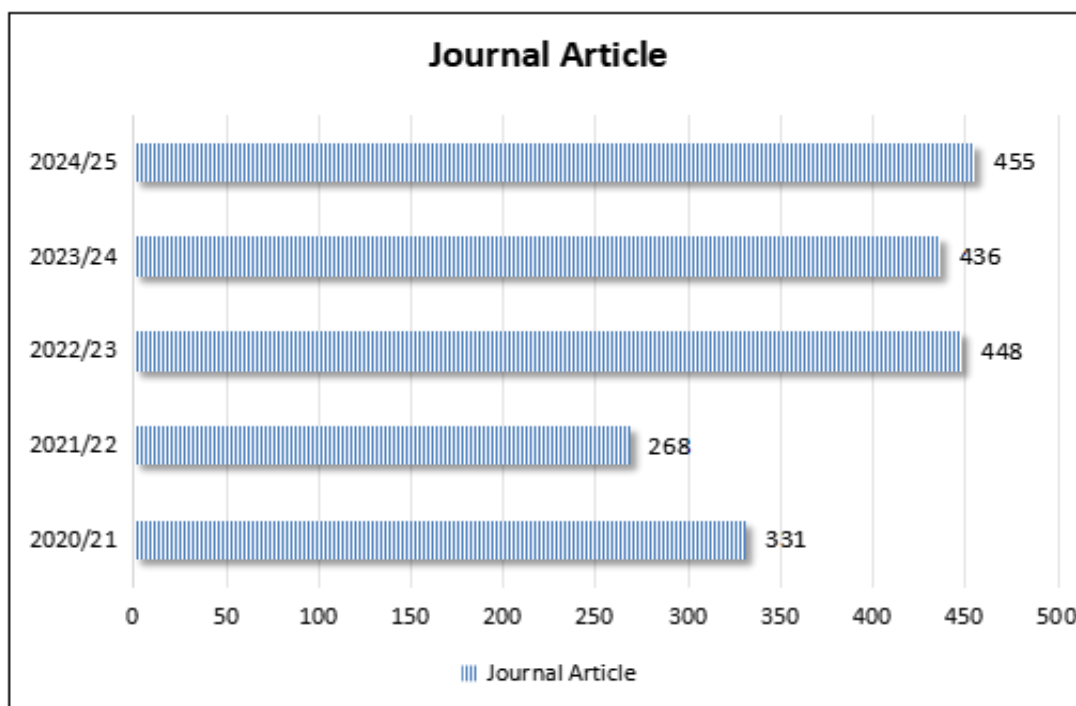


Figure 5: SUA Active Journal Articles Trend from 2020/21 to 2024/25

Conference Papers

Figure 6 presents the number of conference papers, which fluctuated during the review period ranging between 3 to 6 papers in 2020/21 to 2022/23 with a significant increase to 26 papers in 2023/24 and a decline in 2024/25. The significant increase suggests increased participation in academic dissemination forums during the period under review.

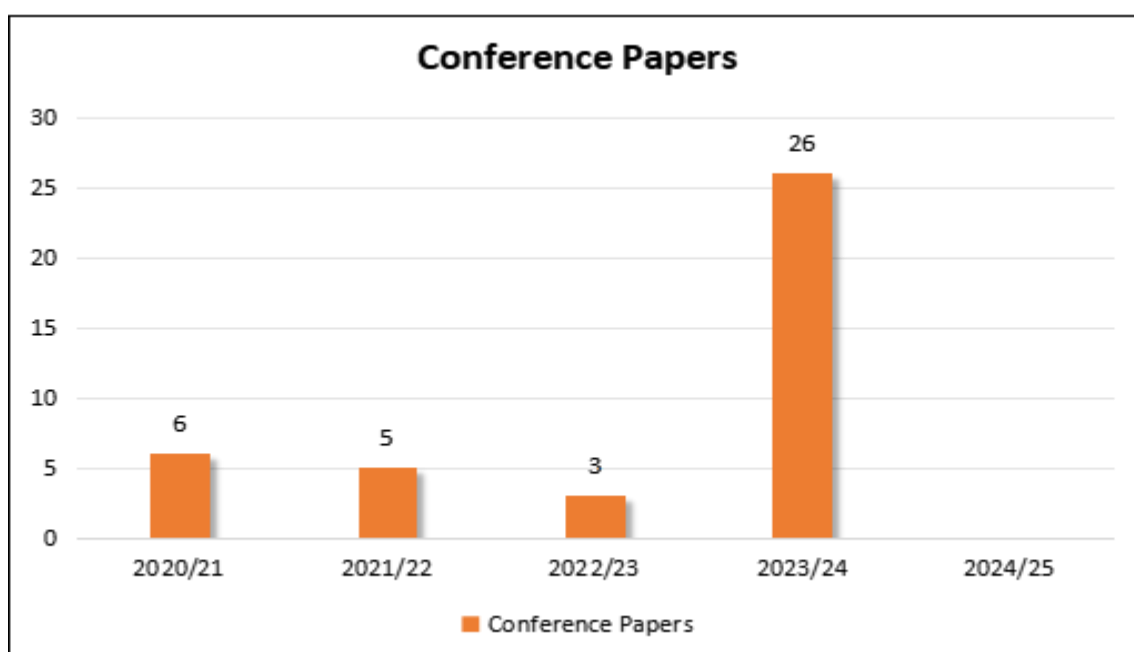


Figure 6: SUA Conference Papers trend from 2020/21 to 2024/25

Book Chapters

Figure 7 presents the number of book chapters published. The number has remained relatively stable over five years averaging between 6 to 9 publications annually. This indicates sustained scholarly contribution to edited volumes and academic books.

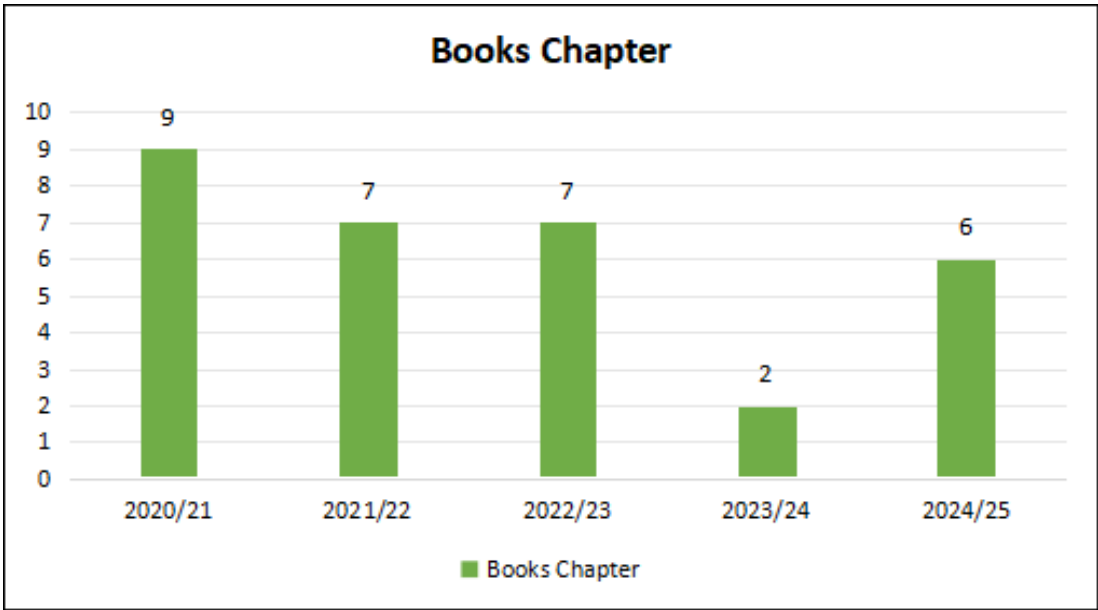


Figure 7: SUA Book Chapters Trend from 2020/21 to 2024/25

SUARIS Funding

Figure 8 presents the number of funding secured through SUARIS. This number increased from 20 grants in 2020/21 to 34 grants in 2021/22 before slightly declining in subsequent years. This reflects a competitive internal research funding and active engagement of staff in research proposal development.

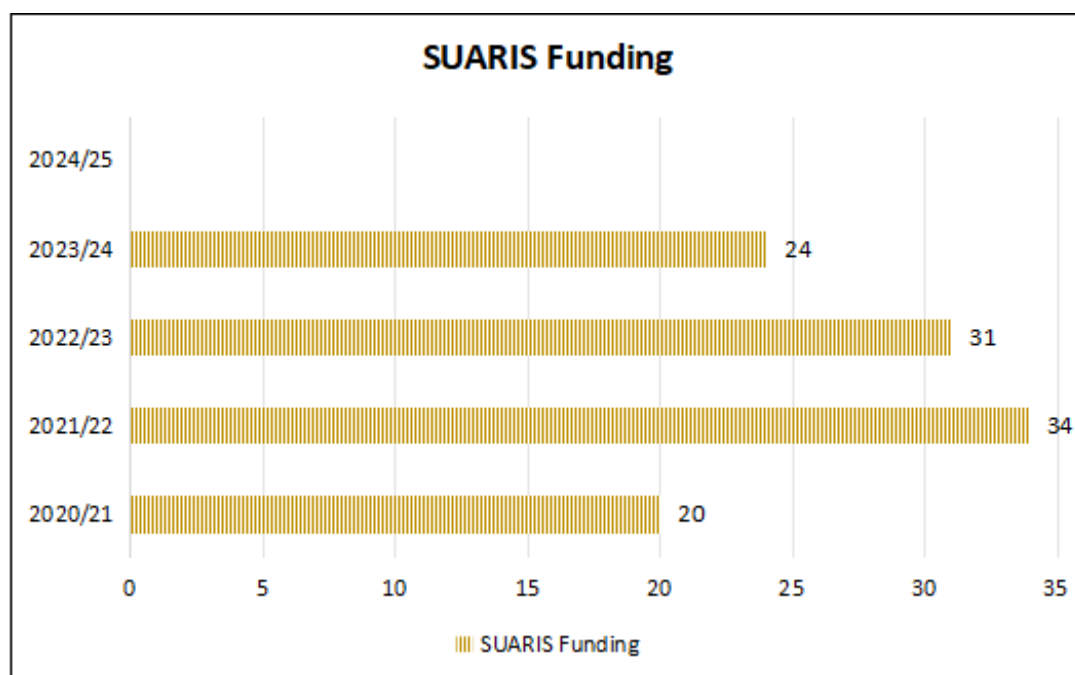


Figure 8: SUARIS Funding trend from 2020/21 to 2024/25

Technology Transfers

In Table 7 the number of technology transfer outputs remain limited with 1 innovation/patent in 2020/21 and 2 in 2021/22 and none reported in subsequent years. This highlights an opportunity for strengthening innovation commercialization and intellectual property development.

3.1.2.3 Consultancy Projects and Value

The number of consultancy projects has increased from 62 in 2020/21 to 81 projects in 2024/25. Similarly, the value of consultancy projects has increased from 770.5 million in 2020/21 to 868.3 million in 2024/25. This indicates the University's capacity to attract higher value projects even during the period where the number of consultancy projects was low the value is seen to be relatively stable in 2022/23 where the project number was 56 but the value was 795.1 million and in 2023/24 where the number of consultancy projects was 50 and the value was 802.2 million.

Table 8: Sokoine University of Agriculture Consultancy Value from 2020/21 to 2024/25

Year	2020/21	2021/22	2022/23	2023/24	2024/25
Number of consultancy projects	62	84	56	50	81
Value (TZS)	770,486,867.67	872,648,927.23	795,065,172.00	802,197,333.20	868,324,808.11

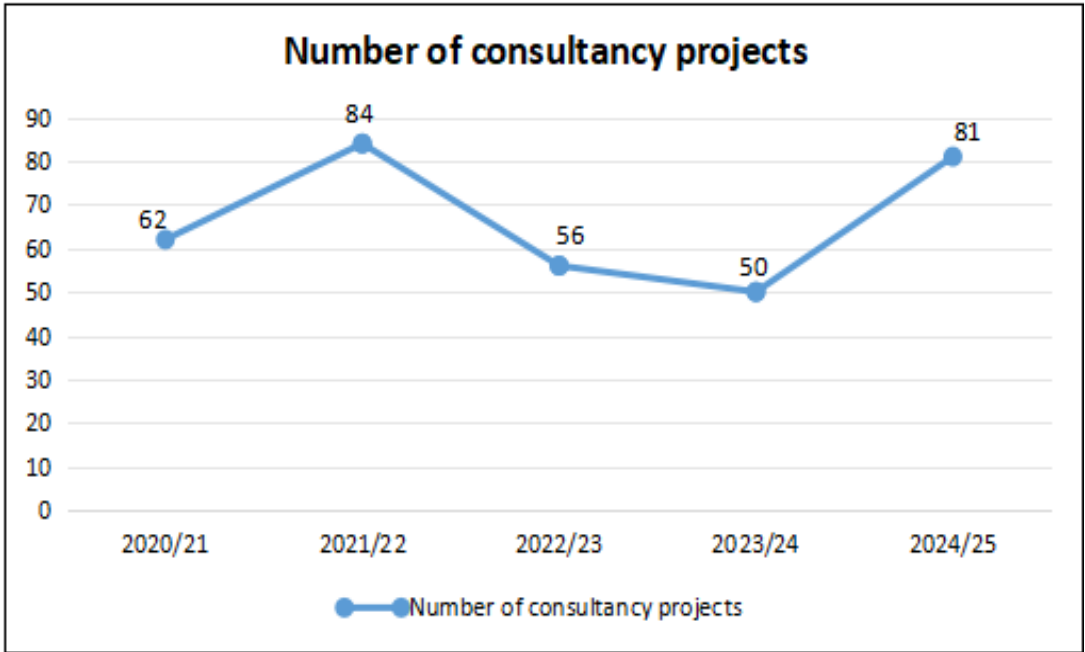


Figure 9: SUA Consultancy Projects Trend from 2020/21 to 2024/25

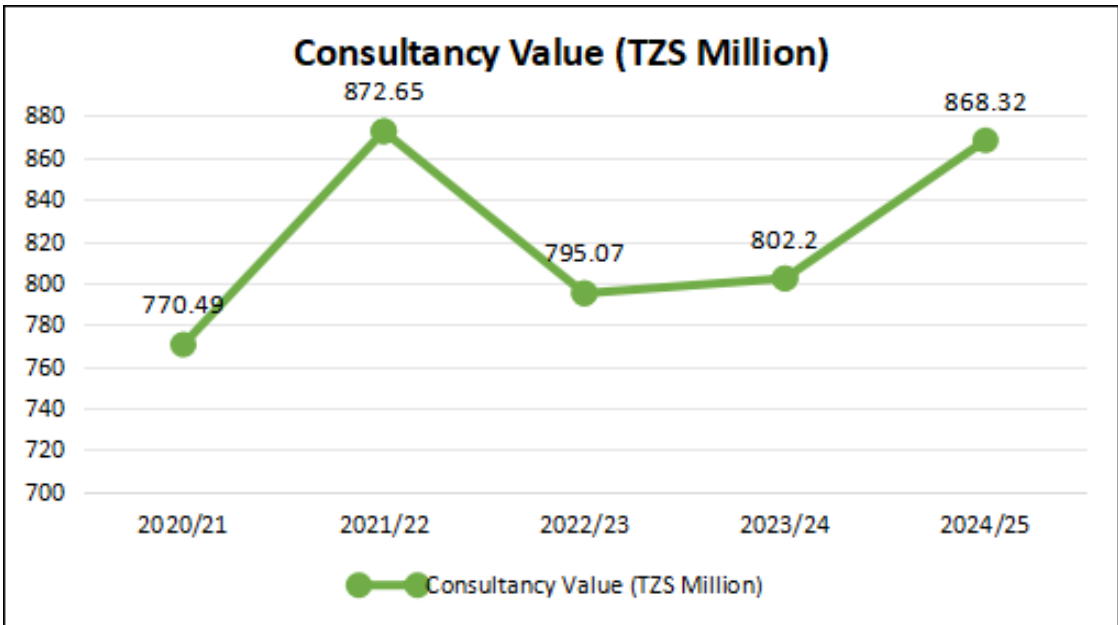


Figure 10: SUA Consultancy Value Trend from 2020/21 to 2024/25

3.2 Students Enrolment

This section provides information on SUA Students’ enrolment at undergraduate and postgraduate levels. It shows the trend of students by gender.

3.2.1 Overall Students Enrolment

Table 9 provides undergraduate students’ enrolment and growth patterns from 2020/21 to 2024/25. The table provides the students’ enrolment by host campus/college/school, gender and category. Figure 11 shows that, there has been an increase in the number of enrolled undergraduate students from 13,827 students in 2020/21 to 16,818 students in 2024/25 academic year, which is an increase of 74 per cent.

Table 9: Undergraduate Students' Enrolment by Host Unit, Gender and Category from 2020/21 to 2024/25

Colleges/School/Centre/Sex	2020/21			2021/22			2022/23			2023/24			2024/25		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
College of Agriculture	3383	2091	5474	2796	1476	4272	3213	2329	5542	3804	2831	6635	3773	2599	6372
College of Veterinary Medicine and Biomedical Sciences	1108	510	1618	1138	500	1638	1146	506	1652	1006	693	1658	1195	462	1657
College of Forestry, Wildlife and Tourism	1231	634	1865	1164	631	1795	1003	546	1549	1129	818	1947	1268	731	1999
College of Social Sciences and Humanities	477	454	931	446	489	935	343	373	716	394	443	837	416	431	847
College of Natural and Applied Sciences	1541	901	2442	1428	776	2204	1582	1006	2588	2119	1463	3582	1897	1341	3238
College of Economics and Business Studies	494	373	867	619	399	1018	652	412	1064	531	368	899	811	552	1363
Mizengo Pinda Campus College	124	58	182	0	0	0	117	81	198	119	79	198	187	201	388
Sokoine National Library of Agriculture	156	187	343	148	195	343	0	0	0	0	0	0	0	0	0
School of Engineering and Technology	73	32	105	101	58	159	570	353	923	600	367	967	585	369	954
Grand Total	8587	5240	13827	8731	5392	14123	8626	5606	14232	9702	7062	16723	10132	6686	16818

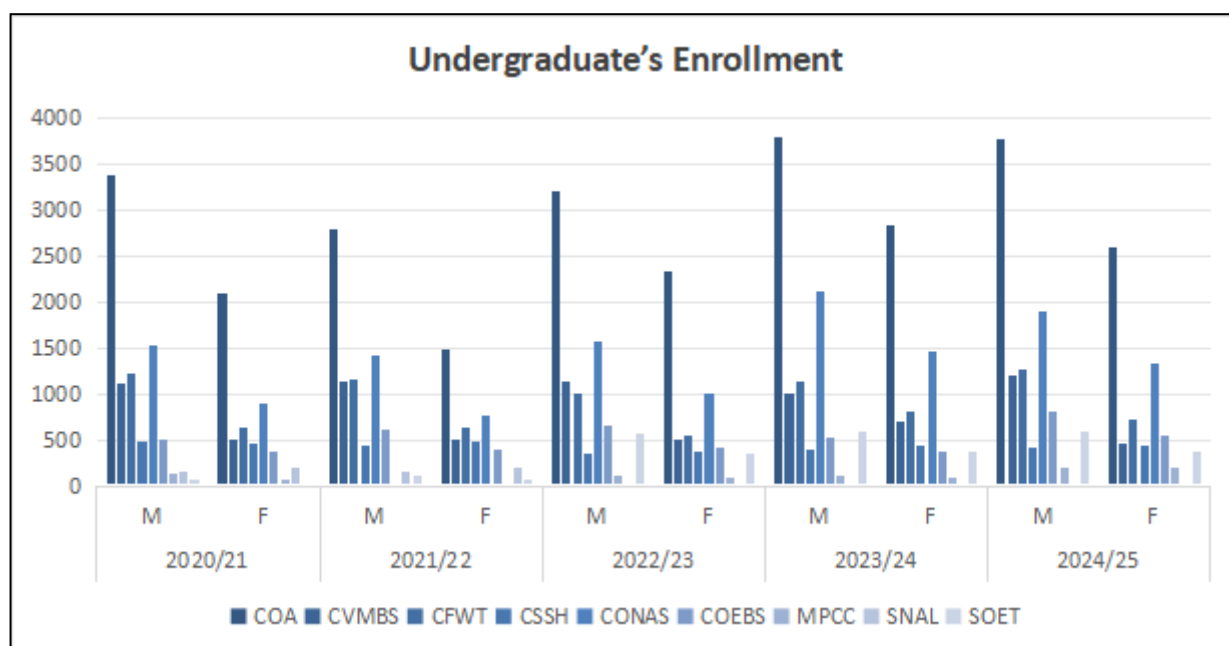


Figure 11: Undergraduate Student's Enrolment Trend in Relation to Host Unit from 2020/21 to 2024/25

Table 10 provides a summary of SUA students' enrolment at undergraduate and postgraduate levels. Accordingly, Figure 12 shows that, there has been an increase in the number of enrolled Bachelor Degree Students from 13,827 students in 2020/21 to 16,818 students in 2024/25 academic year. The proportion of female to the students' annual enrolment has also increased from 5,240 in 2020/21 to 6,686 females in the academic year 2024/25.

Figure 13 shows that, there has been a relative increase and a decrease in the number of enrolled Non-Degree Students from 532 students in 2020/21 to 468 students in 2024/25 academic year due to the deletion and addition of non-degree courses over the years. The proportion of female to the students' annual enrolment has also relatively increased and decreased from 226 in 2020/21 to 169 females in the academic year 2024/25.

Figure 15 shows that, there has been an increase in the number of enrolled Postgraduate Degree Students from 754 students in 2020/21 to 1,079 students in 2024/25 academic year. The proportion of female to the students' annual enrolment has also increased from 287 in 2020/21 to 389 females in the academic year 2024/25.

The number of enrolled Undergraduate students (Bachelor Degrees and Non-Degrees) has increased by 82 per cent from 13,827 students in 2020/21 to 16,818 students in 2024/25 academic year. However, the number of enrolled Postgraduate students marginally increased by 70 per cent from 754 students in 2020/21 to 1,079 students in 2024/25 academic year as indicated in Figure 16.

Table 10: Overall Students' Enrolment by Level, Gender and Category from 2020/21 to 2024/25

STUDY LEVEL	2020/21			2021/22			2022/23			2023/24			2024/25		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Bachelor Degree Students	8281	5014	13295	8443	5176	13619	8389	5403	13792	9450	6885	16335	9833	6517	16350
Non-Degree Students	306	226	532	288	216	504	237	203	440	252	177	429	299	169	468
Total	8587	5240	13827	8731	5392	14123	8626	5606	14232	9702	7062	16764	10132	6686	16818
Postgraduate Degree Students	467	287	754	563	328	891	671	439	1110	602	334	936	690	389	1079
Grand Total	9054	5527	14581	9294	5720	15014	9297	6045	15342	9275	7172	17039	10822	7075	17897

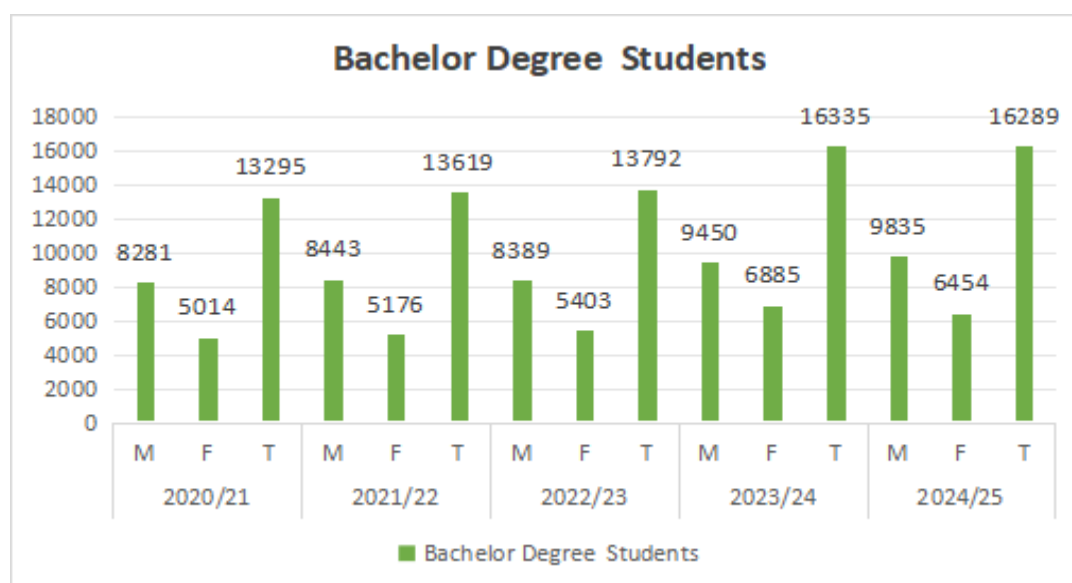


Figure 12: Overall Bachelor Degree Student's Enrolment Trend from 2020/21 to 2024/25

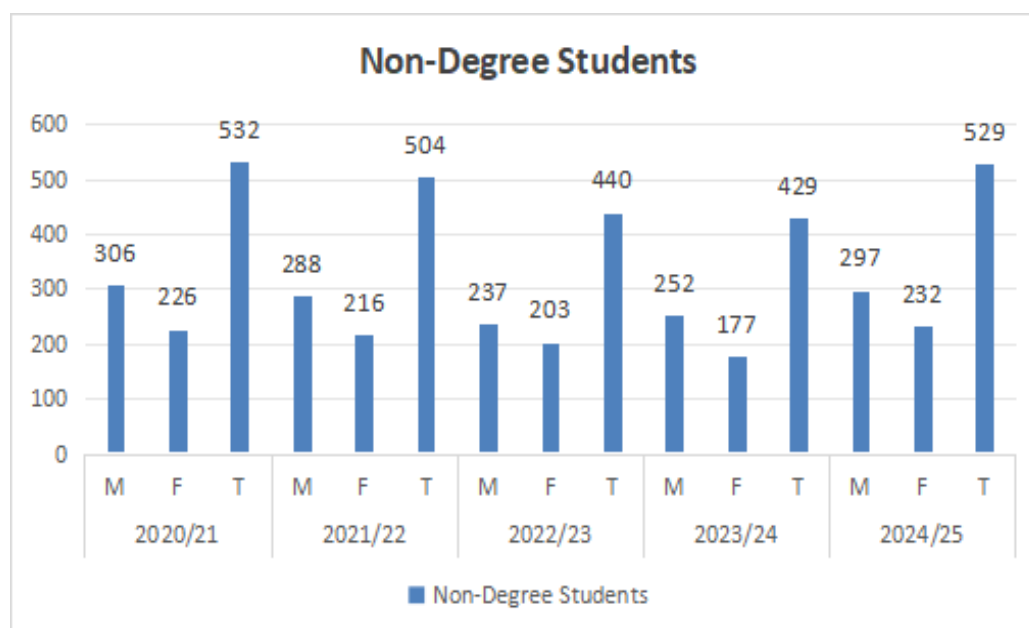


Figure 13: Overall Non-Degree Student's Enrolment Trend from 2020/21 to 2024/25

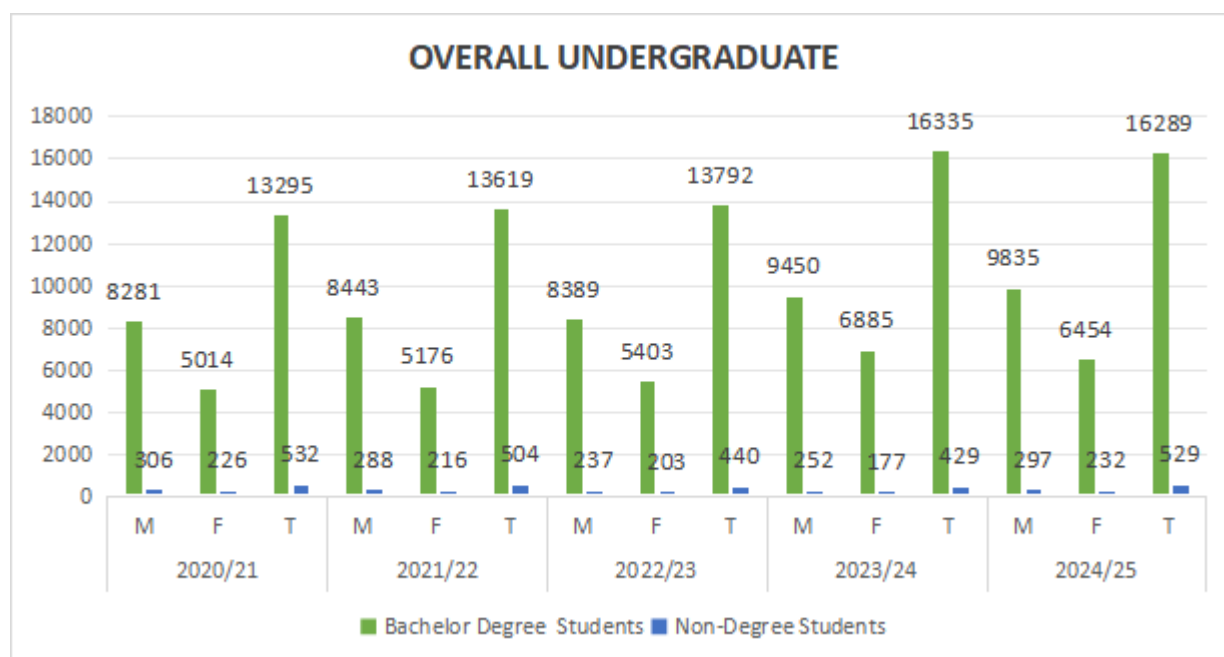


Figure 14: Overall Undergraduate Student's Enrolment Trend from 2020/21 to 2024/25

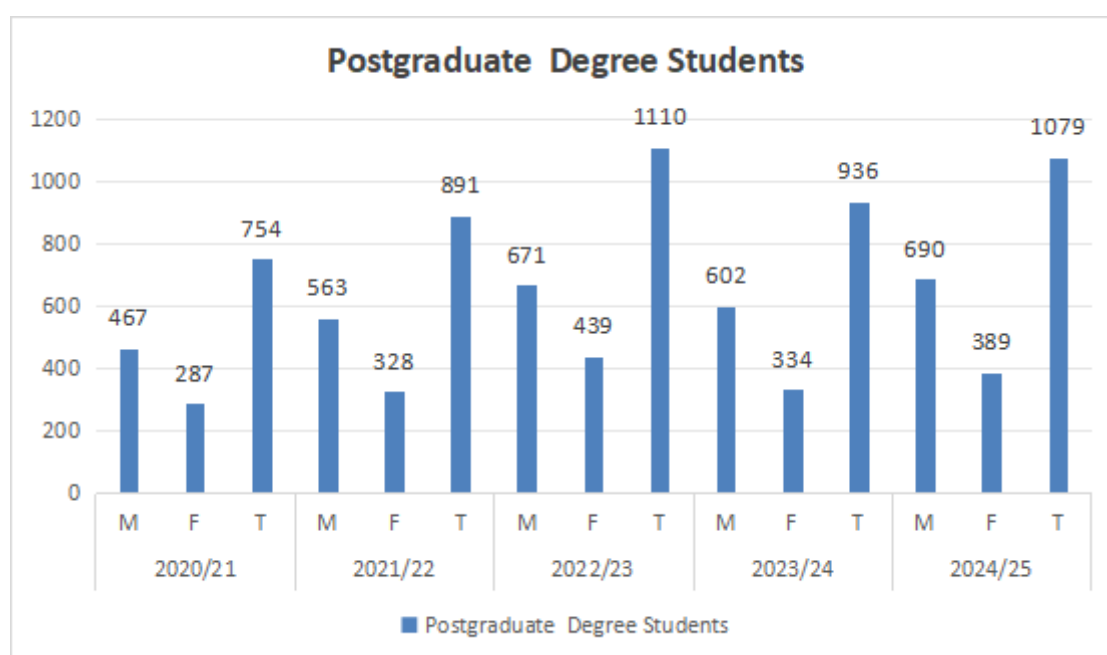


Figure 15: Overall Postgraduate Student's Enrolment Trend from 2020/21 to 2024/25

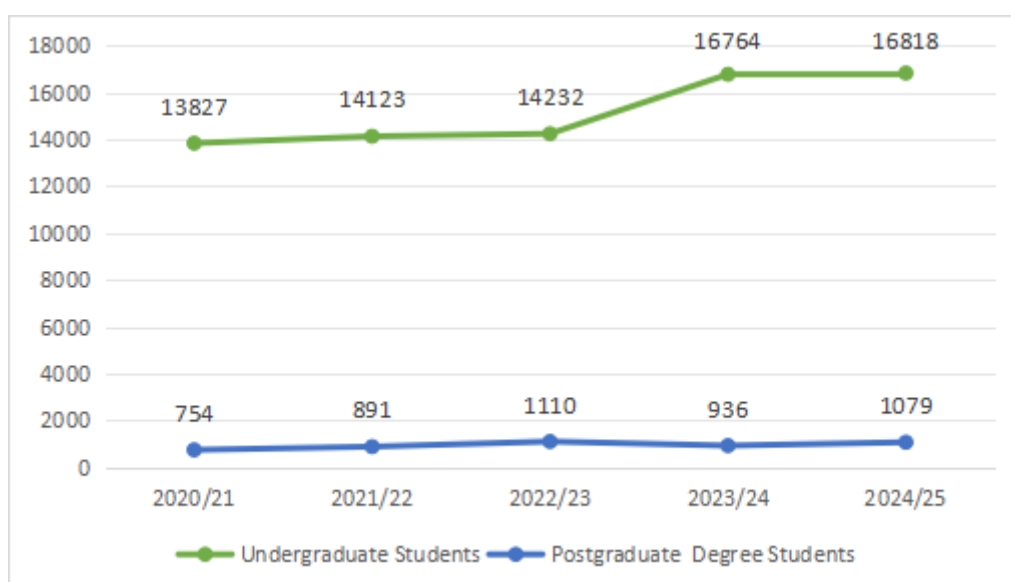


Figure 16: Undergraduate and Postgraduate Enrolment Students from 2020/21 to 2024/25

3.2.2 Foreign Students

Sokoine University of Agriculture extends a warm welcome to foreign students and invites them to become active members of the University community. Their presence at the University is highly valued as they contribute well to cultural diversity as well as academic enrichment. Currently, the university has enrolled students from different countries such as Malawi, South Africa, Nigeria, China, Kenya, Benin, Rwanda, Ghana, Ethiopia, and Germany. This demonstrates the University credibility as a renown centre of Excellence internationally. Table 11 indicates the number of foreign students in terms of enrolment. Figure 17 shows the overall foreign students' enrolment trend for postgraduate and undergraduate levels from 2020/21 to 2024/25.

Table 11: International Undergraduate and Postgraduate Students from 2020/21 to 2024/25

ACADEMIC YEAR/ FOREIGN STUDENTS	2020/21	2021/22	2022/23	2023/24	2024/25
UNDERGRADUATE	7	2	58	28	24
POSTGRADUATE	26	32	81	77	65
TOTAL	33	34	139	105	89

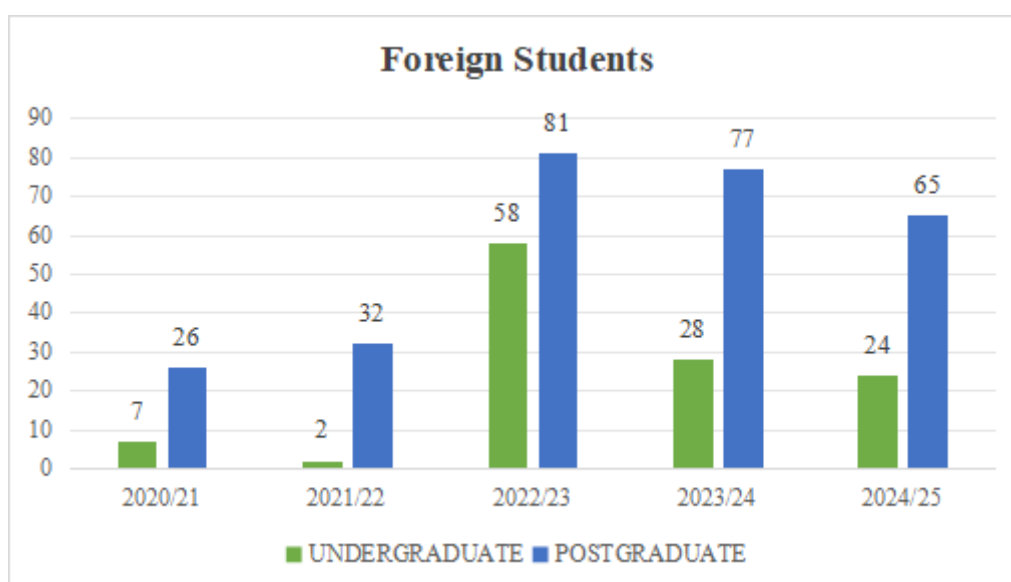


Figure 17: Overall Foreign Students' Enrolment by Levels from 2020/21 to 2024/25

3.3 Graduation for Students

3.3.1 Graduation Rates of Students

Strategic Plan provides for the conduct of two graduation ceremonies annually: The first between October and early December, and the second in May. Table 12 presents a summary of the University students' graduation for the past five years. The trend indicates that the number of Undergraduate students' graduating has decreased from 4,024 in 2020/21 to 3,659 in 2024/25. The number of Postgraduate students' graduating has increased from 163 in 2020/21 to 195 in 2024/25 but there has been fluctuations in between. This suggests that, there is a need for the University to ensure that Postgraduate students complete their studies on time. Generally, the overall number of graduating students shows moderate variation between 4,187 in 2020/21 and 3,854 in 2024/25.

Table 12: Summary of Undergraduate Degree, Non-Degree and Postgraduate Degree Graduates by Level and Sex from 2020/21 to 2024/25

S/N	No. of Graduates/Sex/Year	2020/21			2021/22			2022/23			2023/24			2024/25		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Non - Degree Graduates	153	153	306	151	118	269	150	118	268	102	78	180	97	77	174
2	Undergraduate Graduates	2185	1533	3718	2203	1382	3585	2083	1342	3425	1925	1518	3443	1926	1559	3485
Sub - Total		2338	1686	4024	2354	1500	3854	2233	1479	3692	2027	1596	3623	2023	1636	3659
3	Postgraduate Diploma	1	2	3	1	1	2	1	1	2	2	2	4	2	1	3
4	Doctor of Philosophy	24	6	30	16	3	19	8	1	9	24	21	45	32	18	50
5	Masters	62	68	130	39	36	75	23	18	41	90	76	166	87	55	142
Sub - Total		87	76	163	56	40	96	32	20	52	116	99	215	121	74	195
Grand Total		2425	1762	4187	2410	1540	3950	2265	1479	3744	2143	1695	3838	2144	1710	3854

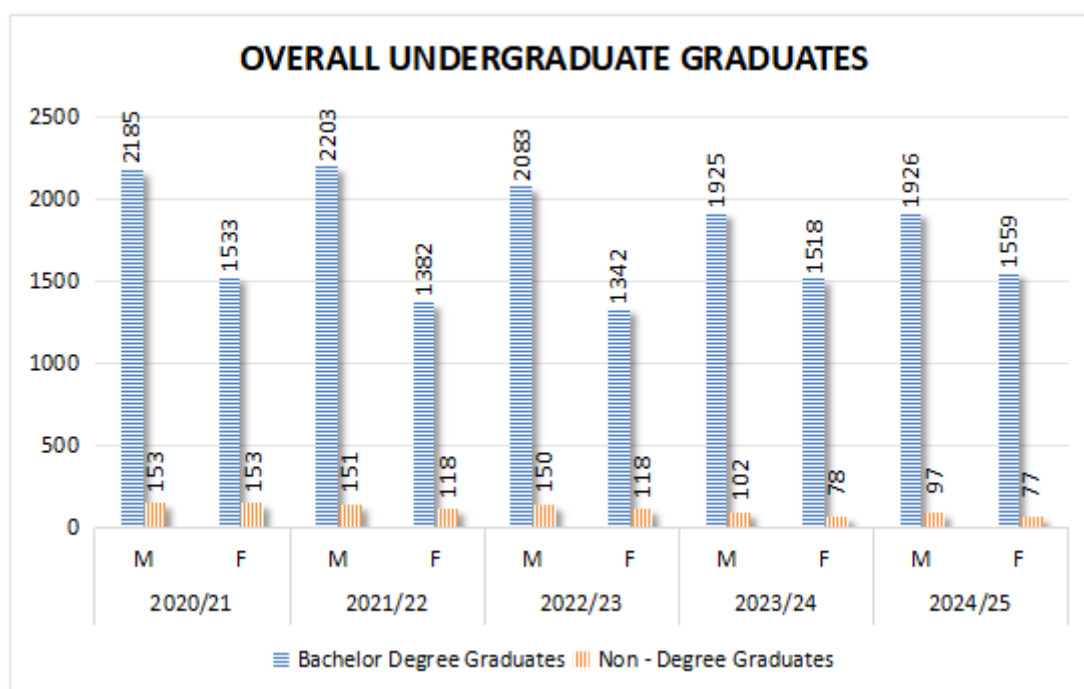


Figure 18: Undergraduates Graduates by Level and Gender from 2020/21 to 2024/25

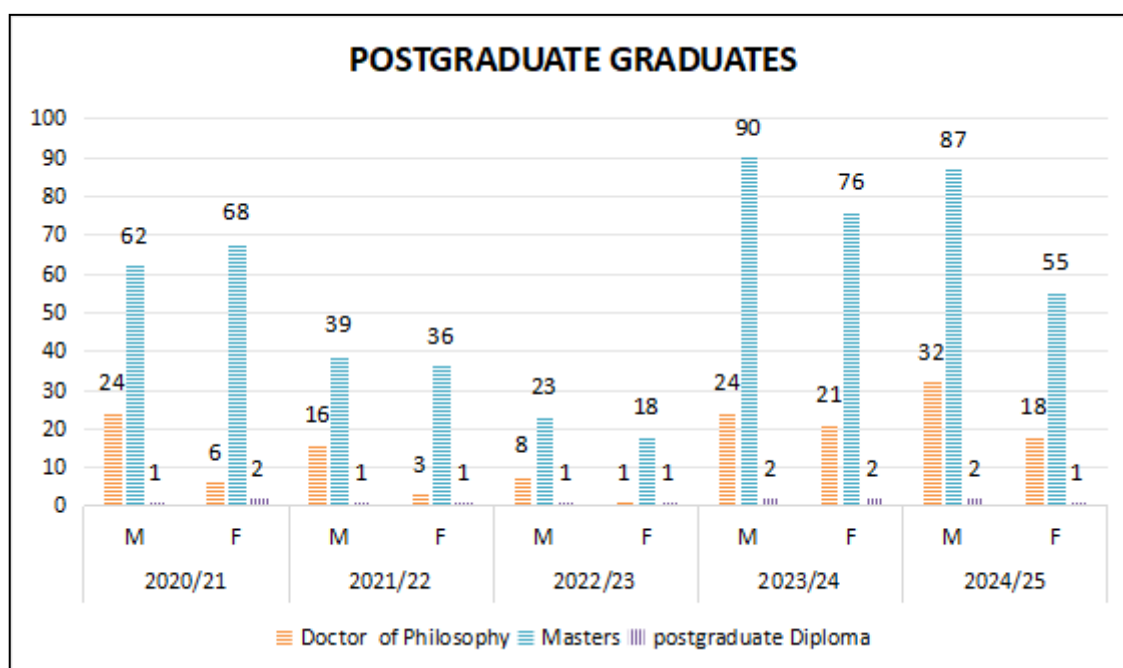


Figure 19: Postgraduate Graduates by Level and Gender from 2020/21 to 2024/25

CHAPTER FOUR

STAFF PROFILES

4.0 Staff Qualifications

4.1 Academic Staff by Rank

Academic staff at the University includes all personnel engaged in teaching, research and academic support functions. This category covers teaching staff, research academicians (Research Fellows and Senior Research Fellows) and Library Academicians (Librarians and Senior Librarians). The number of academic staff has been relatively increasing over the years whereby in 2020/21, the University had 447 staff and the number of staff in 2024/25 was 608. Table 13 and Figure 20 show the number of academic staff qualifications by rank for different academic units in the University.

Table 13: Academic Staff distribution by Ranks and Gender in 2020/21 to 2024/25

S/N	Years	2020/21			2021/22			2022/23			2023/24			2024/25		
	Number of Academic Staff by Ranks	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Professors	22	01	23	21	03	24	24	2	26	24	1	25	25	1	26
2	Associate Professors.	38	09	47	38	07	45	32	7	39	33	6	39	37	9	46
3	Senior Lecturers	64	12	76	72	18	90	72	19	91	73	19	92	99	26	125
4	Lecturers	106	44	150	102	39	141	108	43	151	109	42	151	75	35	110
5	Assistant Lecturers	60	31	91	69	31	100	77	48	125	84	55	139	105	69	174
6	Tutorial Assistant	41	19	60	34	19	53	68	39	107	65	42	107	76	51	127
Grand Total		331	116	447	336	117	453	381	158	539	388	165	551	417	191	608

Source: Human Resource Academic Matters Section; Department of Human Resources and Administration

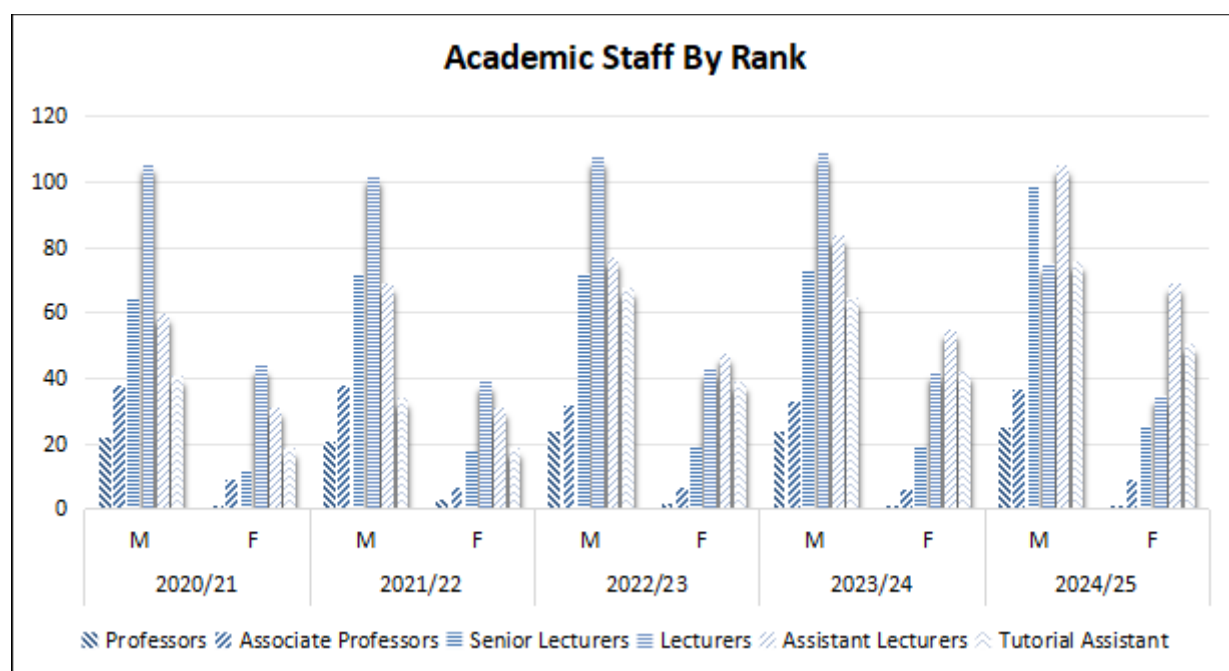


Figure 20: Academic Staff Distribution by Rank from 2020/21 to 2024/25

Source: Human Resource Academic Matters Section; Department of Human Resources and Administration

4.1.1 Undergraduate Student-Staff Ratio

The undergraduate student-staff ratio for the five years trend from 2020/21 to 2024/25 in Table 14 shows falling short of the prescribed Tanzania Commission for Universities (TCU) quality assurance standards. This indicates the need for the University to continuously expand the academic staff to align with regulatory requirements.

Table 14: Undergraduate Student–Staff Ratio

Year	Number of Students	Academic Staff	Student-Staff Ratio	Average Standard Student-Staff Ratio as per TCU			
				Ideal	Good	Acceptable	Un acceptable
2020/21	10,606	447	01:24	01:10	01:15	01:15	>1:20
2021/22	14,123	453	01:31	01:10	01:15	01:15	>1:20
2022/23	14,232	539	01:26	01:10	01:15	01:15	>1:20
2023/24	16,764	551	01:30	01:10	01:15	01:15	>1:20
2024/25	16,818	608	01:28	01:10	01:15	01:15	>1:20

4.2 Administrative and Technical Staff Qualifications

The majority of the administrative staff is fairly qualified to support academic staff in undertaking their duties. In Table 15, the number of administrative staff stands at 792, comprising 441 males and 351 females for the year 2020/21, among them 49 are medical staff supporting on delivering health services in the Department of Hospital Service. For the year 2024/25, the number of administrative staff was 870, comprising 516 males and 354 females, among them 74 are medical staff who support in the delivery of health services in the Department of Hospital Services as indicated in Table 30 dis-aggregated by gender. These highly qualified technical and administrative staff are qualified with different levels of education from primary education to PhD level holding different job titles and professionals including Directors, Human Resource Administrators, Planners, Accountants, Auditors, Communication and Marketing Officers, engineers and suppliers.

Table 15: Administrative and Technical Staff Qualifications by Cadre and Gender from 2020/21 to 2024/25

Year	Administrative Staff Qualifications (Level of Education)																						
	Below Form 4		Form 4		Form 6		Certificate		Ordinary Diploma		Advanced Diploma		Bachelor Degree		Postgraduate Diploma		Masters		Doctoral		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
2020/21	25	18	90	85	3	5	118	94	83	78	9	3	51	38	2	1	56	26	2	2	441	351	792
2021/22	20	11	83	72	4	2	120	89	101	83	9	2	56	43	3	1	63	27	3	2	474	332	806
2022/23	37	23	71	43	3	0	108	43	100	124	0	2	126	74	-	-	65	33	4	3	514	345	859
2023/24	34	20	60	37	3	0	108	44	120	124	0	2	140	85	-	-	63	36	4	3	532	351	883
2024/25	32	21	51	44	3	0	116	39	97	124	2	4	146	90	6	4	57	28	6	0	516	354	870

Source: Department of Human Resources and Administration

CHAPTER FIVE

TEACHING, RESEARCH AND PRACTICAL TRAINING FACILITIES

5.0 University Teaching Facilities

5.1 Teaching Space

The University strives to increase efficiency in the utilization of its resources to cut down unit costs. The valuable resources of the University include teaching facilities such as lecture theatres, seminar rooms, laboratories, training workshops, and learning resources including libraries and computers.

5.1.1 Classrooms, Seminar Rooms and Lecture Theatres

Currently, SUA has 83 teaching rooms with varying sizes that can accommodate a large number of students at a time. This section provides information on the distribution of the available classrooms, seminar rooms and lecture theatre spaces in terms of capacity and size at the Main Campus, Solomon Mahlangu Campus (SMC) and Mizengo Pinda Campus as indicated in Table 16.

Table 16: Distribution of Teaching Space at SUA

S/N	Venue	Size in M ²	Capacity
1	Eng. 01	29.7	30
2	Eng. 02	39.7	40
3	Eng. 03	64.6	80
4	Eng. 04	86.9	100
5	Eng. 05	86.9	80
6	Eng. 06	102.4	105
7	Eng. 07	250.5	246
8	Farm A1	78.5	90
9	Farm A2	77.5	90
10	Farm B1	165.7	204
11	Farm B2	201.2	280
12	DASP 01	89.4	100
13	DASP 02	43.6	40
14	DASP 03	88.5	110
15	Hort 01	150	140
16	Hort 02	72.4	90
17	Hort 03	72.4	90
18	Vet 01	42.8	40

S/N	Venue	Size in M ²	Capacity
19	Vet 02	42.8	40
20	Vet 03	65.3	60
21	Vet 04	65.3	60
22	Vet 05	87.8	60
23	Vet 06	68.0	90
24	Vet 07	71.7	100
25	Vet 08	71.7	70
26	NCMC 2	60.5	70
27	NCMC 3	60.5	72
28	NCMC 4	58.6	72
29	NCMC 6	58.6	68
30	NCMC 16	63.5	70
31	NCMC 17	63.5	70
32	Food 1	32.6	42
33	Food 2	34.4	35
34	Ext 02	81.5	112
35	Ext 03	97.6	108
36	MLT01	156.7	176
37	MLT02	156.7	176
38	MLT03	62.8	47
39	MLT04	67.0	40
40	MLT05	73.8	57
41	MLT06	68.6	65
42	MLT07	68.6	65
43	MLT08	100.9	80
44	MLT09	214.0	232
45	MLT10	214.0	230
46	MLT11	198.0	280
47	MLT12	159.3	208
48	MLT13	198.0	280
49	MLT14	159.3	208
50	MLT15	198.0	280
51	MLT16	159.3	208
52	MLT17	198.0	280
53	MLT18	159.3	208
	Total	5,438.9	6,274.0

S/N	Venue	Size in M ²	Capacity
1	SELT 2	64.2	44
2	SC 4	74.1	98
3	SC 3	74.1	98

4	SC 2	74.1	98
5	SC 1	74.0	98
6	SD 1	74.0	98
7	SD 2	74.0	98
8	SD 3	74.0	98
9	SD 4	74.0	98
10	SH 4	166.0	180
11	SH 3	92.8	120
12	SH 2	92.9	120
13	SJ 3,4, 5	124.9	216
14	SJ 1,2	187.8	144
15	SI 1,2	129.4	204
16	SI 3	92.7	120
17	SI 4	92.7	120
18	SK 1,2,3	149.6	160
19	SL1, 2	149.5	156
20	SL 3	99.2	96
21	SLT 6	251.9	300
22	SLT 4	251.9	300
23	SLT 3	251.9	300
24	SLT 1,2	251.9	300
	Total	3,041.6	3,664.0
S/N	Venue	Size in M ²	Capacity
1	Block 1	99.0	120.0
2	Block 2	99.0	116.0
3	Block 3	49.5	48.0
4	Block 4	99.0	116.0
5	Block 5	49.5	48.0
6	Block 6	99.0	116.0
	Total	495.0	564.0
	Grand total	8,975.5	10,494.00

Source: Quality Assurance and Promotion Bureau - SUA

Key to Abbreviations

MC = Main Campus Lecture Rooms; MLT = Main Campus Lecture Theatre; MLB = Main Campus Laboratory; SR = Seminar Room; MLR = Main Campus Lecture Room,
 MPH = Multipurpose Hall, Ext = extension, Vet = Veterinary Hort = Horticulture,
 NCMC = National Carbon Monitoring Centre, Eng = Engineering



Figure 21: The Dr. Samia Suluhu Hassan Teaching Complex at Edward Moringe Campus

5.1.2 Laboratory Space at SUA

The University has 64 laboratories of varying capacities ranging from 8 to 80 students. Sokoine University of Agriculture is basically a science based institution. Almost all degree programmes offered at the University require laboratory services. Among the largest laboratories is the Veterinary Clinic, which is the only Referral Animal Hospital in Tanzania. This part presents information on the distribution of the available laboratory spaces in terms of capacity and size at the Main Campus and SMC as indicated in Table 17.

Table 17: List of SUA Laboratories by type, holding Capacity and Space in each Unit

College/school/ directorate/centre	Academic Department	Type/name of the laboratory in use	Area (m ²)	Capacity (students)
College of Agriculture (CoA)	Soil and Geological Sciences (DSGS)	1. Soil Chemistry Lab	115.8	50
		2. Soil Physics and Commercial Lab	105.6	25
		3. Soil Microbiology Lab	55.0	8
	Crop Science and Horticulture (DCSH)	4. Molecular Biology Lab1	46.2	20
		5. Molecular Biology Lab2	41.1	20
		6. Plant Pathology Lab	44.2	20
		7. Tissue Culture Lab	110	20
		8. Post-Harvest (fruits) Lab	32	20
		9. Mycology Lab1	41.7	20
		10. Mycology Lab2 (Seed Incubation)	38.7	20
		11. Virology Lab	41.4	20
		12. Seed Testing Lab	41.4	20
		13. Bacteriology Lab	42.7	20
		14. Entomology Lab1 (Basic AR Lab)	55.5	20
		15. Plant Breeding Lab	71.0	20
		16. Crop Physiology Lab	59.4	20
		17. Entomology Lab2	127.4	40
		18. Herbarium and Weed Research	59.4	20
	Food, Nutrition and Consumer Sciences (DFNCS)	19. Food Processing Plant Lab	152.6	15
		20. Food Microbiology	87.3	10
		21. Food Analytical Lab1	89.0	20
		22. Food Analytical Lab 2 (Microsc)	27.2	10
		23. Food Sensory Evaluation Lab	115.2	50
		24. Nutrition Lab1	39.2	20

College/school/ directorate/centre	Academic Department	Type/name of the laboratory in use	Area (m ²)	Capacity (students)
		25. Nutrition Lab2		
	Animal, Aquaculture and Range Management (DAARM)	26. Dairy Science Lab	42.2	20
		27. Meat Science Lab	144.0	40
School of Engineering & Technology (SoET)	Agricultural Engineering; Civil and Water Resource Engineering; and Food Science and Agro- processing	28. Electrical Lab	38.3	25
		29. Bio-Processing Eng. Lab	122.0	45
		30. Soil and Water Lab	101.2	30
		31. Instrumental and Electronics Lab	38.3	25
		32. Gis, Remote Sensing and Land Surveying Lab	80.2	40
College of Forestry, Wildlife & Tourism (CFWT)	Ecosystem and Conservation (DECO)	33. Forest Soil Lab	216.3	48
	Forest Products and Technology (DFPT)	34. Wood Science Lab	119	48
	Wildlife Management (DWLM)	35. Zoology Lab	208.7	30
	Department of Forest Resource Assessment and Management	36. Forest Mensuration Lab	156.5	48
CVMBS	Shared	37. Multipurpose Lab 6	106.0	25
		38. Multipurpose Lab 7	73.3	25
		39. Multipurpose Lab 8	106.0	25
	Specialized or research labs	40. Protozoology Lab	21.2	15
		41. Helminthology	21.2	15
		42. Bacteriology Lab1	21.2	15
		43. Bacteriology Lab2	21.4	15
		44. Molecular Biology 1	10.5	20
		45. Molecular Biology 2	21.5	20
			21.5	20

College/school/ directorate/centre	Academic Department	Type/name of the laboratory in use	Area (m ²)	Capacity (students)
		46. Molecular Biology 3	21.4	2
		47. Biochemistry (Forensic) Lab	21.3	20
		48. Multipurpose Lab	141.5	25
		49. Genome Science (Centre) Lab	311.4	25
		50. Aquatic Resources Lab	209.3	25
		51. Molecular Biology and Biotechnology Lab		
SMCoSE (CONAS)		52. Chemistry Lab 'A'	124.8	40
		53. Chemistry Lab 'B'	95.8	24
		54. Soil Lab	124.8	36
		55. Botany Lab	124.8	40
		56. Meteorology Lab	74.1	30
CICT (DICT)	Across the university	57. MLCB2 (Computer Lab)	196.8	120
		58. SGLB1 (Computer Lab)	124.8	42
		59. SGLB2 (Audio-Visual Lab)	124.0	62
		60. SGLB3 (Computer Lab)	160.0	80
		61. SLLB1 (Computer Lab)	124.8	76
		62. Computer Lab1	46.2	20
		63. Computer Lab2	43.7	40
		64. Computer Lab3	32.3	40
THE DR. SAMIA SULUHU HASSAN TEACHING COMPLEX	Across the University	65. Botany Lab		130
		66. Food Quality and Safety Lab		130
		67. Molecular Biology Lab		130
		68. Microscopy Lab		130
		69. Zoology Lab		130
		70. Microbiology Lab		130
		71. Chemistry Lab		130
		72. Computer Aided Design (CAD)		180

5.1.3 Library Facilities

The University library provides an abundant amount of information and services to university students, staff, and researchers. From 2024/25, collections have continued to grow in both print and electronic resources as shown in Table 18 and Figure 22. The library is located in the heart of the main campus, and features a variety of work and study spaces, including computer laboratory with the seating capacity of 35 people at the main campus, and 40 at SMC, with extended-hours of study, and all facilities are endowed with wireless access capability. The library building has a total seating capacity of 500 students at the main campus, and 230 at CoNAS. In addition, SUA's Library is a resourceful centre of excellence in the provision of library and information services in agriculture and other disciplines. The library collects and maintains records of agricultural research and development projects, which are either in progress or completed to serve as a national clearing house for agricultural materials.

Table 18: Library Resources from 2020/21 to 2024/25

Resource/Year	2020/21	2021/22	2022/23	2023/24	2024/25
Library Collection Print Books (Copies)	38,500	39,342	39,802	39,802	41,093
Library Collection (Book Titles)	37,900	38,000	38,149	38,149	61,533
Print Journals (copies)	24,614	40,000	40,018	40,000	40,000
Print Government Publications	6,565	7,100	7,142	7,142	7,160
Print Dissertations	3,020	3,061	3,238	3,638	5,901
E-Books	3,005	3,005	3,300	3,300	3,300
Number of E-Book Databases	5	5	7	7	7
Number of E-Journal Databases	12	40,000	46,000	18	18
Online Circulation (<i>Online resource's' usage data statistics</i>)	7,900	8,000	8,550	8,702	11,486
SUA Institutional Repository (<i>No. of Documents in SUA Institutional Repository</i>)	5,480	5,483	5,833	5,863	6,513
Number of Students' trainings on usage information resources	4	16	20	325	450
Registered Student-Library Seat Ratio	1:13	1:13	1:13	1:13	1:13
Wireless Routers	2	3	4	3	4

Source: Sokoine National Library of Agriculture

Table 19: Sokoine National Agricultural Library Seating Capacity

Campus	Seating Capacity
SUA-Main Campus	250
SMC-Campus	500
Total	750

Source: Sokoine National Library of Agriculture

5.2 SUA Teaching Animal Hospital

5.2.1 Introduction

Years		2020/21			2021/22			2022/23			2023/24			2024/25		
Service Offered	Patients Category	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Treatment/Clinical cases	Dogs	190	210	400	210	290	500	223	301	524	452	396	848	523	484	1007
	Cattle	30	250	280	15	265	280	09	331	340	56	860	916	78	878	956
	Small ruminants	30	140	170	25	165	190	28	205	233	156	241	397	112	294	406
Surgical cases	Dogs	20	25	45	22	25	47	38	43	81	56	89	145	52	102	154
	Cattle	5	7	12	7	6	13	4	5	9	15	32	47	20	41	61
	Cats	4	5	9	3	4	7	4	3	7	8	51	59	16	38	54
Vaccination	Dogs and Cats	400	460	860	380	370	750	341	381	722	365	407	772	407	603	1010
Deworming	Dogs and Cats	320	350	670	320	400	720	241	383	624	269	364	633	402	438	840
Total	-	999	1447	2446	982	1525	2507	888	1652	2540	1377	2440	3817	1640	2848	4488

Sokoine University of Agriculture Teaching Animal Hospital operates under the College of Veterinary Medicine and Biomedical Sciences. The hospital plays a key role in the education of veterinary students, teaching students' concepts and techniques in a caring for and providing supportive environment and become the best veterinarians, focusing on areas of teaching services, preventive services, animal welfare, support services, treatment service, diagnostic and ambulatory services. Teaching Animal Hospital provides advanced diagnostics and care to patients of all animal species in and outside the country; and offers medical and surgical care for dogs, cats, birds and exotic pets. Also, it helps the country's livestock industry to remain competitive nationally and internationally, aiding differential diagnosis to supplement the services. Veterinary support services group provides consultations to veterinary practitioners and offers services on emergency and critical care cases including neonatal intensive care and high-risk pregnancies, and hospitalization of animal patients. Table 20 indicates the services offered by the Teaching Animal Hospital, by category and the number of patients. Accordingly, there has been an increase in patients from 2,446 in 2020/21 to 4,488 in 2024/25.

Table 20: Service Offered by SUA Animal Teaching Hospital, Category and Number of

Source: SUA - Teaching Animal Hospital

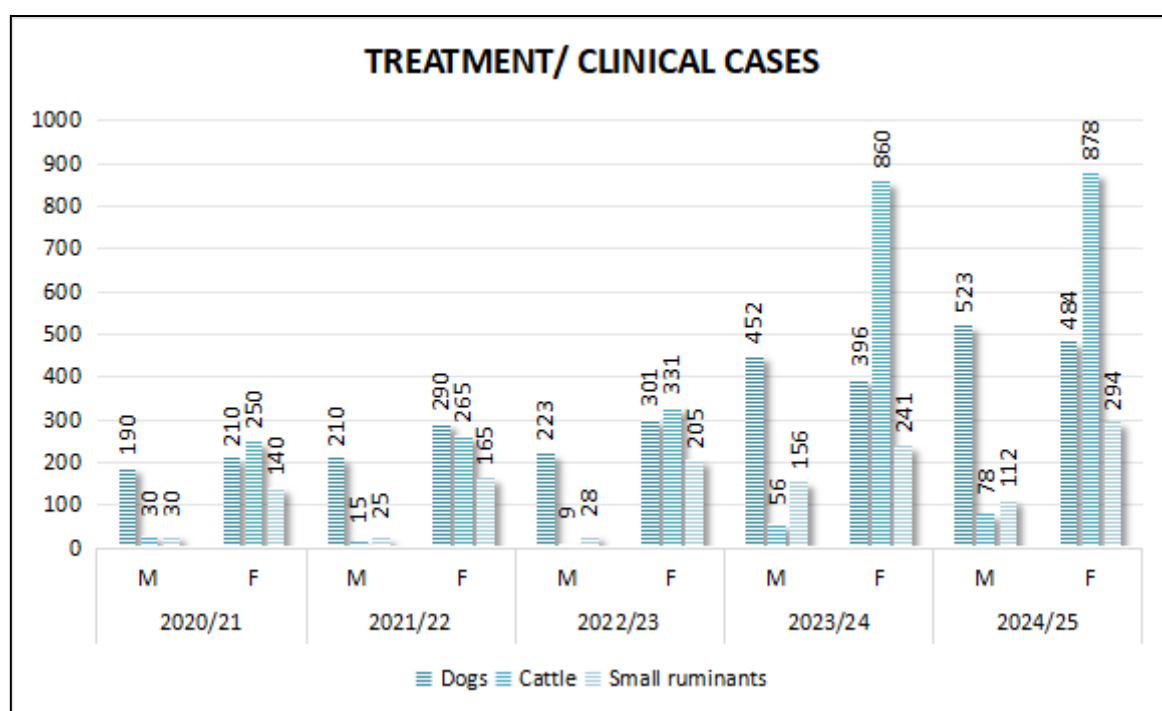


Figure 22: Number of treatment/clinical cases from 2020/21 to 2024/25

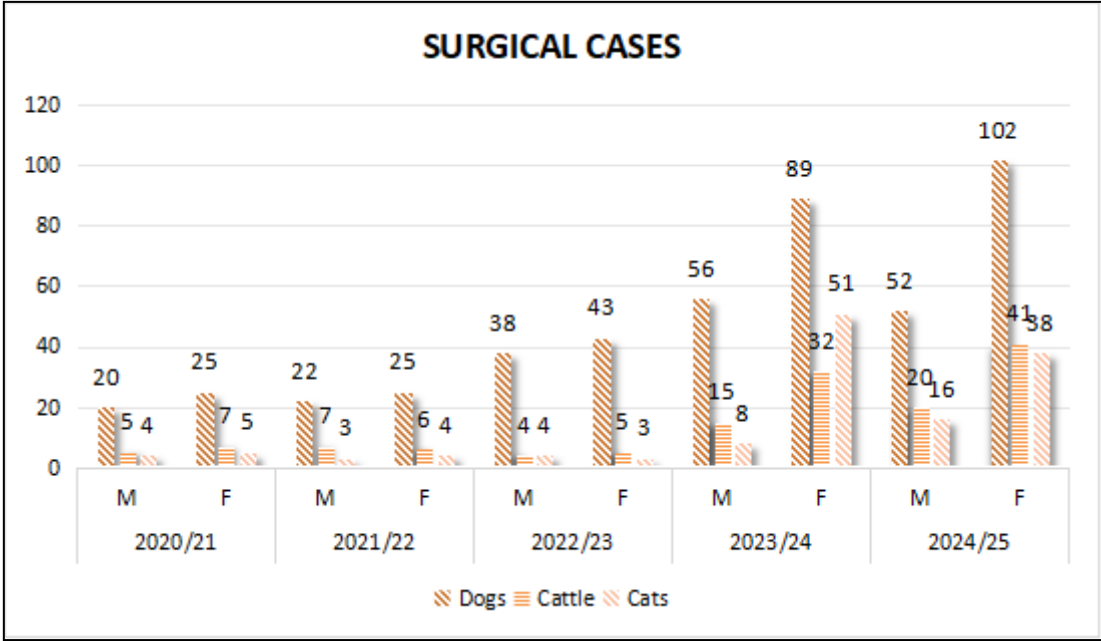


Figure 23: Number of surgical cases from 2020/21 to 2024/25

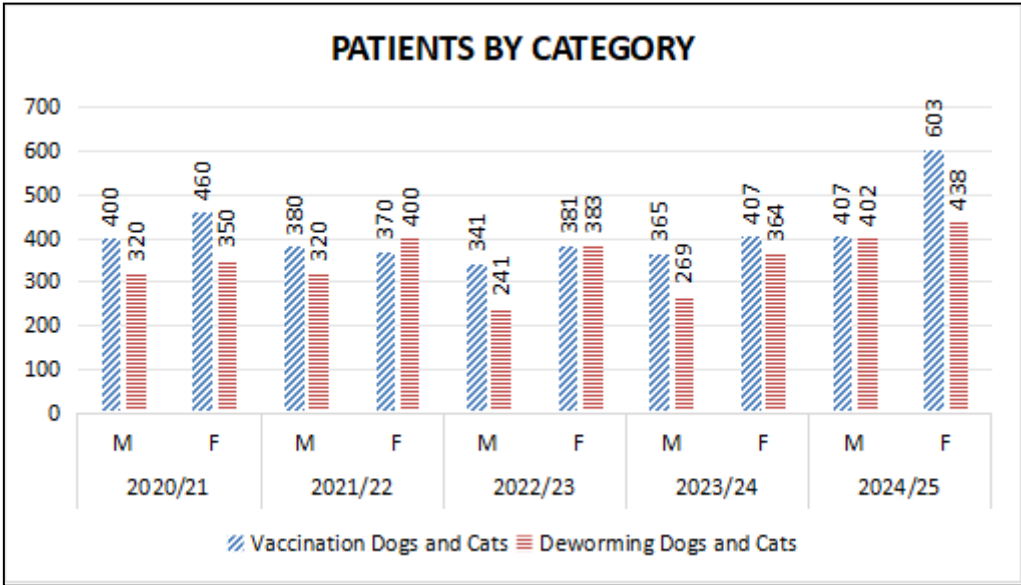


Figure 24: Number of vaccination and deworming cases from 2020/21 to 2024/25

5.3 SUA-Animal Research Unit

The unit operates under the College of Veterinary Medicine and Biomedical Sciences. The unit plays a key role in teaching students, research activities, and examining animals and production.

5.3.1 Livestock Population Trends at SUA - Animal Research Unit

This section presents livestock growth patterns at SUA- Animal Research Unit from 226 in 2020/21 to 268 in 2024/25. There has been a general increase and decrease in the number of cattle in different years due to different factors as indicated in Table 21 and Figure 25.

Table 21: Livestock Population Trend (Cross-Breed) at SUA-Animal Research Unit for the Period of Five Years 2020/21 to 2024/25

Type of Livestock(Cross-Breed)	2020/21	2021/22	2022/23	2023/24	2024/25
Cow	94	84	79	80	81
Camels	2	1	2	2	2
Goats	97	96	84	83	122
Sheep's	13	12	15	16	17
Pigs	18	21	32	40	41
Donkey	2	4	4	4	5
Total	226	218	216	225	268

Source: SUA - Animal Research Unit

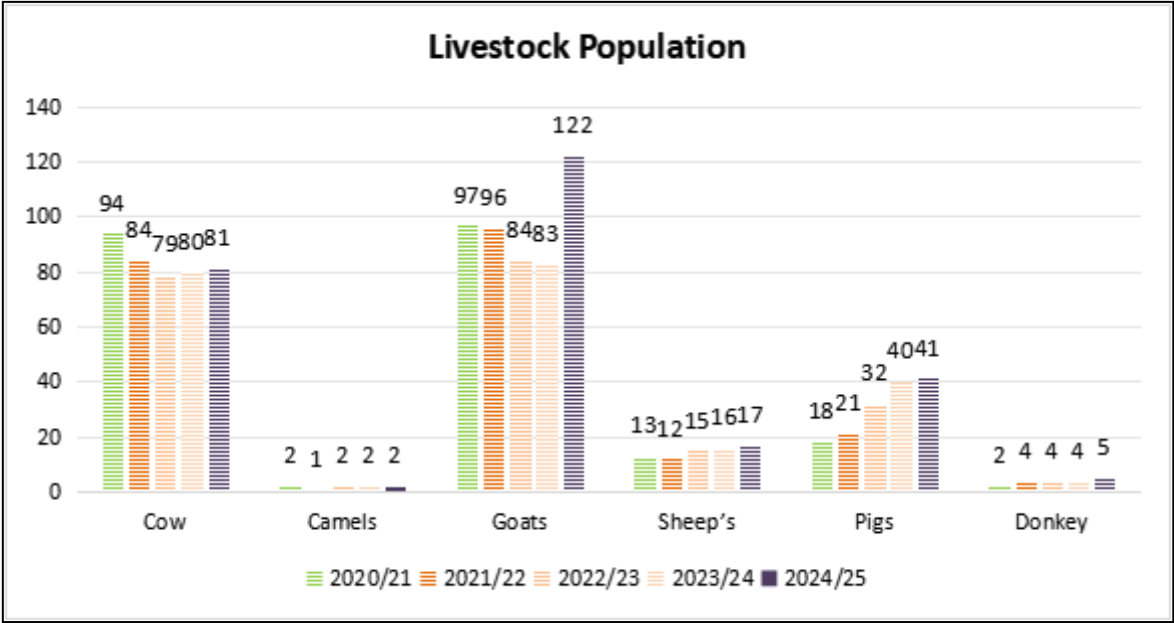


Figure 25: Livestock (Cross-breed) Population at Animal Research Unit-SUA Main Campus from 2020/21 to 2024/25

5.4 University Dairy Farms

SUA has two branches of dairy farms namely, Magadu Farm located at SUA-Main Campus, and Mazimbu Farm at Solomon Mahlangu College of Science and Education. Both farms play a key role in hands-on skills training, research and income generation (production). The type of income generation activities practised in both dairy farms is processing and packaging of milk and supplying milk products to customers around SUA – Community in Morogoro Region, and other parts of the country. The farms also act as a demonstration centres and centres for research activities related to dairy production for students and for other people outside Sokoine University of Agriculture. Figures 26 and 27 and data in Table 22 indicate livestock population trend at SUA - Magadu – Farm at main campus and Mazimbu Dairy Production Farm- at Solomon Mahlangu Campus.

Table 22: University Farm- Magadu at Main Campus and Solomon Mahlangu Campus by Sex in 2020/21 to 2024/25

Number of Cattle/Campus/Year/Sex	2020/21			2021/22			2022/23			2023/24			2024/25		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Cow	16	72	88	9	77	86	15	66	81	16	62	78	14	48	62
Goats	18	74	92	47	85	132	38	52	90	51	38	89	55	71	126
Sheep	14	24	38	25	41	66	31	18	49	30	15	45	34	25	59
Sub - Total	48	170	218	81	203	284	84	136	220	97	115	212	103	144	247
Solomon Mahlangu Campus															
Cattle	26	167	193	56	188	244	62	191	253	42	151	193	34	131	165
Sub - Total	26	167	193	56	188	244	62	191	253	42	151	193	34	131	165
Grand Total	74	337	411	137	391	528	275	198	473	139	266	405	137	275	412

Source: University Farm- Magadu at Main Campus, and Solomon Mahlangu Campus

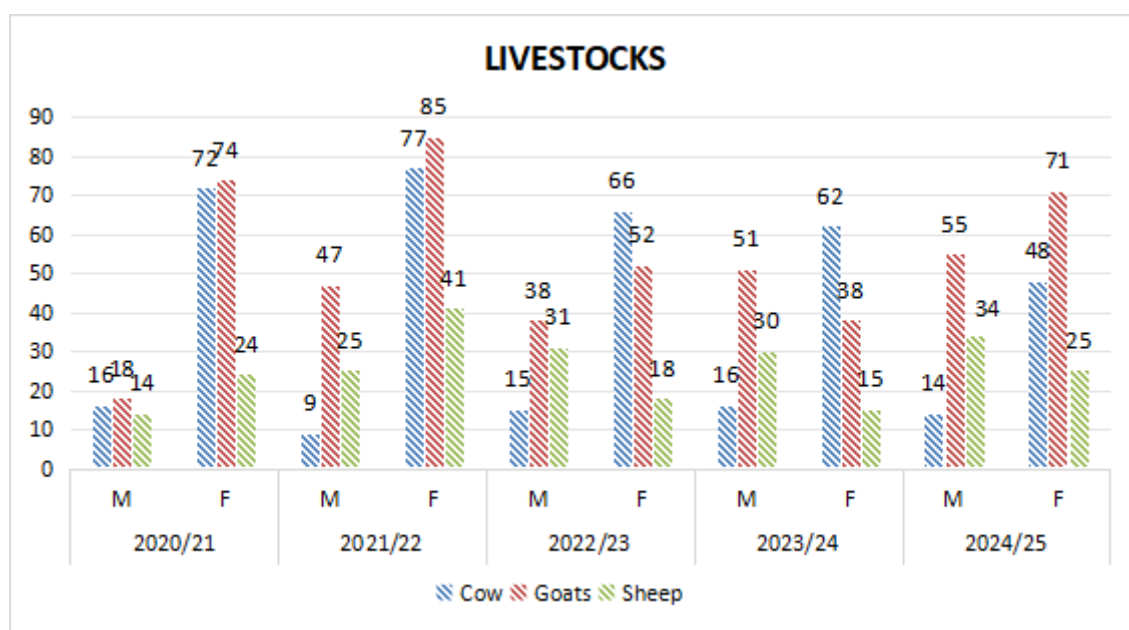


Figure 26: Livestock Population Trend at SUA - Magadu Dairy Farm Production–SUA- Main Campus from 2020/21 to 2024/25

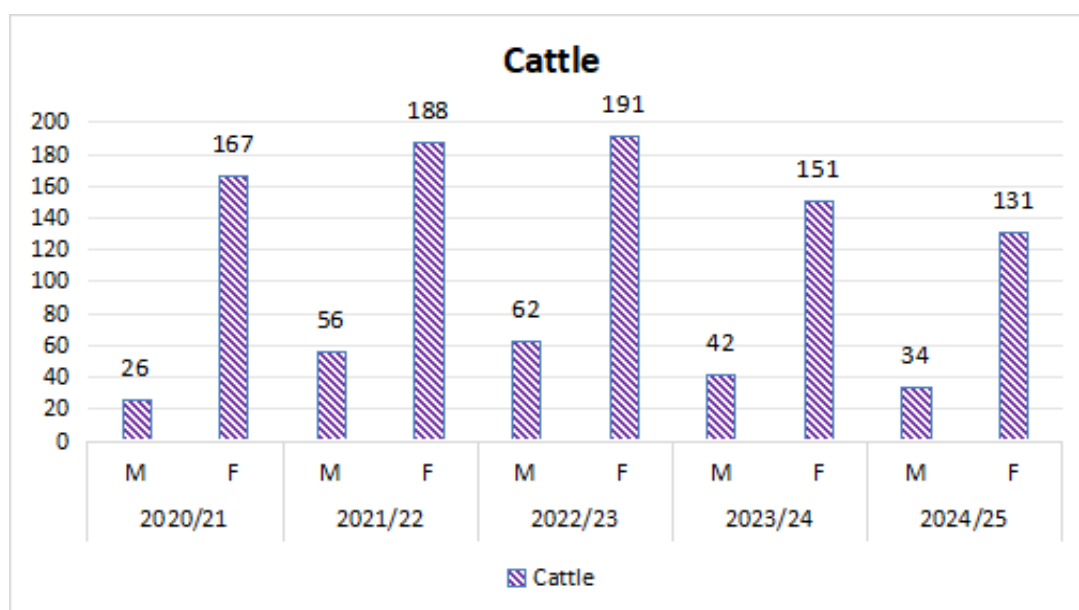


Figure 27: Five Years Livestock Population Trend at Mazimbu Dairy Farm Production Unit from 2020/21 to 2024/25

5.5 SUA-Model Training Farm

5.5.1 Introduction

SUA Model Training Farm is established to increase the diversity of quality teaching, research, field hands on practices and outreach activities and to make coordinated efforts in managing crops and Animal Training Units at SUA. The Unit is coordinated at the college level to provide the opportunity for all units and respective departments under the College of Agriculture to complement each other in the provision of quality training on crops and animal husbandry for the benefits of the entire University. The model farm initiatives will build on the on-going course review in various departments that aim at allocating more time to students for hands on activities.

5.5.2 Objectives

The main objective of the Model Training Farm is to produce quality graduates with adequate hands-on skills for employment in the labour market.

5.5.3 Specific Objectives

The specific objectives of the Model Training Farm include to:

- i. Offer practical training to undergraduate and postgraduate students*
- i. Generate income through the production and marketing of agricultural products and training fees*
- ii. Incubate new technologies generated by the University*
- iii. Host students entrepreneurs and professional associations*
- iv. Provide the state of the art field research and consultancy facility for students, staff and the general public*
- v. Demonstrate proven agricultural technologies to general public*
- vi. Conserve germplasm and promotion of endangered species and orphan crops*

Table 23: SUA Model Training Farm

Name of Model Farm	Description of Items/Products used	Area (acres)
Main Gate Unit	Eight varieties of mangoes (12.5 Acres), Three varieties of Papaya (2.0 Acres), Two varieties of passion fruits (2.0 Acres), Two varieties of grapes (1.25 Acres), One variety of pineapple (2.3 Acres), Four varieties of banana (2.6 Acres), Twenty-six varieties of cashew nut (6 Acres), One variety of coconut (3.75 Acres), One variety of Oil palm (2.75 Acres), one variety of citrus (1.0 Acres), one variety of guava (1.0 Acres), and Two varieties of sugarcane (0.3 Acres). These crops are used for production, staff experiments, student practical/field practical training, and as demonstration plots for (i) crop establishment, (ii) crop management practices, (iii) soil management practices, (iv) water management practices, (v) harvesting practices, and (vi) post-harvest management practices.	37.45
	Irrigation and drainage system: (i) Drip irrigation, (ii) water drainage system/channels; used for staff experiment, student practicals/field practical training, and demonstration of different systems of irrigation	5.25 Acres
	Water Infrastructure: 12 million Lts Earth dam, 2.25 million Lts Water reservoir, 120m deep Bore well, 5.25 Acres under drip irrigation, and two water towers each holding two 10,000 Lts water storage Simtanks. These infrastructures are used for staff experiments, student practical/field practical training, and demonstration plots for visitors/farmers.	8.25 Acres
	Greenhouse structures: 5 plastic high tunnels of 8m x 30m each, installed with drip irrigation used for vegetable production	1200m squares
Horticulture Unit	University of Agriculture for Agriculture/Horticulture: The unit has a total of 37 Practical teaching/training Acres of land. Seven (7) acres are under drip irrigation (4 of which are used for vegetables production). The unit has a gem-plasma collection of fruit trees; Mango (189 plants), avocado (26 plants), orange (100 plants), Pumelo (29 plants), grape fruit (30 plants), Lyche (4 plants), Lemon (10 plants), Guava (28 plants), Kumquat (1 plant), Coconut (25 plants), Carizo citrus (1 plant), Tahit (1 plant), Mandarin (12 plants), Hogplams (4 plants), Loquat (3 plants), Strawberry guava (6 plants), Macadamia nut (8 plants), Bread fruit (3 plants), Bread nut (6 plants), Oil palm (69 plants), Jack fruit (plants), Star fruit (5 plants), Pomegranate (3 plants), White sapote (1 plant), Sapodila (1 plants), Cinnamon (12 plants), Sweet sop (13 plants), and sour sop (5 plants).	37 Acres

Name of Model Farm	Description of Items/Products used	Area (acres)
	This unit and facilities are used for staff research, student's practical training and researches and as a demonstration farm for other people.	
	Greenhouse structures; 3 plastic high tunnels of 8m x 30m each (1 for vegetable nursery, 1 for fruit nursery, and 1 for vegetable production). There is also a net screen house of 6m x 20m and a mini pack house (for research/experiment/teaching).	840m Squares

Source: Department of Crop Science and Horticulture

CHAPTER SIX

STUDENT WELFARE AND SUPPORT SERVICES

6.1 Students Accommodation

The University has 37 hostels located in different places in Morogoro town and Katavi. Thirteen (13) hostels are located at the Main Campus, sixteen (16) at Solomon Mahlangu Campus, two (02) in the town centre and six (06) at Mizengo Pinda Campus. The University recognizes that the type of students' accommodation affects the overall learning process and, eventually, the quality of graduates. The status of the available accommodation would require the University to rehabilitate halls of residences in addition to developing more facilities for enhancing the quality of learning. The distribution of each hostel is indicated in Table 24.

Table 24: Hostels Available at SUA

Main Campus-Hostel		SMC-Hostel		Town Centre		Mizengo Pinda Campus	
Hostel	Capacity	Hostel	Capacity	Hostel	Capacity	Hostel	Capacity
Hostel 1	96	Unit 1	216	Ex-NBC Block A	142	MPHA1	45
Hostel 2	96	Unit 2	216	Ex-NBC Block B	104	MPHA2	45
Hostel 3	64	Unit 3	216			MPHA3	45
Hostel 4	64	Unit 4	216			MPHB1	30
Hostel 5	74	Unit 5	216			MPHB2	30
Hostel 6	96	Unit 6	216			MPHB3	30
Hostel 7	96	Annex1(Unit 1)	06				
Hostel 8	36	Annex 2(Unit 2)	06				
Hostel 9	32	Annex 3(Unit 3)	06				
Hostel 10	32	Annex 4(Unit 4)	06				
Hostel 11	32	Annex 5(Unit 5)	06				
Hostel 12	66	Annex 6(Unit 6)	06				
Nicholas Kuhanga (Block A and B)	1,122	Workers 04 (Unit 4)	06				
		Tabora A	24				
		Tabora B	32				
		Tabora C	12				
TOTAL	1,906		1406		246		225

6.2 Financial Resources and Budgets

Sokoine University of Agriculture, like any other public higher learning institution, relies on government budgets, donors and internally generated income for its sustenance. Funds obtained falls under two budget categories: Development budgets and recurrent budgets. The Government and other donors such as the World Bank has also been supporting capital development budget for the construction of laboratories, office buildings, lecture theatres, rehabilitation of various infrastructures and other development expenditures whenever funds are available. Table 25 indicates the approved and receipt of financial support from the government where the actual receipt budget performance averages 87 per cent. Table 26 shows the financial support from Donors and Grants performance averaging 69 per cent of the approved budget. Table 27 shows the overall performance of SUA Internally Generated Income, which is 82 per cent from the approved budget to the actual receipt. Figures 28, 29 and 30 show the trend of SUA Financial support from Government, Donors, and SUA Internally Generated Income from 2020/21 to 2024/25.

Table 25: Financial Support from Government in 2020/21 to 2024/25

Year	Approved Budget (Billions, Tshs)	Receipt (Billions, Tshs)	Performance
2020/21	59,715,197,484.00	*37,915,756,145.18	64%
2021/22	37,915,870,079.65	33,642,887,524.00	89%
2022/23	42,091,259,000.00	36,874,564,649.00	88%
2023/24	39,766,382,000.00	38,201,719,858.00	96%
2024/25	42,935,340,000.00	41,587,838,608.00	97%

Table 26: Financial Support from Donors and Grants in 2020/21 to 2024/25

Year	Approved Budget (Billions, Tshs)	Receipt (Billions, Tshs)	Performance (%)
2020/21	31,368,817,653.64	16,159,198,255.78	52%
2021/22	22,982,967,355.00	24,930,897,402.74	108%
2022/23	47,470,812,888.27	18,122,094,309.98	38%
2023/24	41,676,898,881.94	39,472,669,536.21	95%
2024/25	50,746,128,228.19	26,336,659,453.65	52%

Table 27: Financial Support from SUA -Internally Generated Income in 2020/21 to 2024/25

Year	Approved Budget (Billions, Tshs)	Receipt (Billions, Tshs)	Performance (%)
2020/21	31,498,703,609.78	24,944,962,819.58	79%
2021/22	34,660,461,200.30	29,064,701,089.08	84%
2022/23	37,263,458,149.80	33,114,651,515.54	89%
2023/24	35,974,664,673.76	28,511,569,485.68	79%
2024/25	38,527,104,671.30	30,064,957,360.77	78%

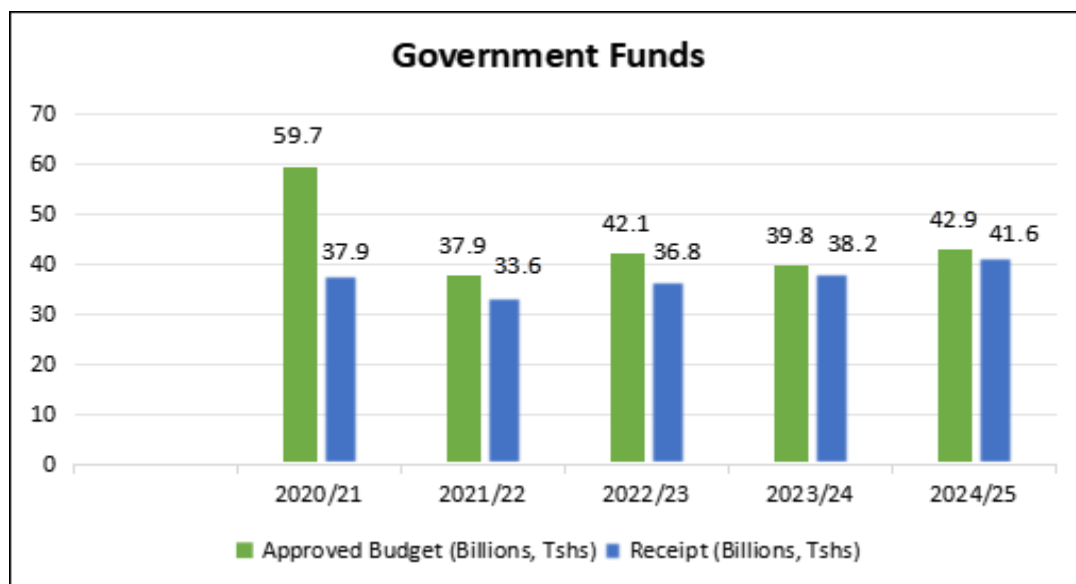


Figure 28: Financial Support from Government from 2020/21 to 2024/25

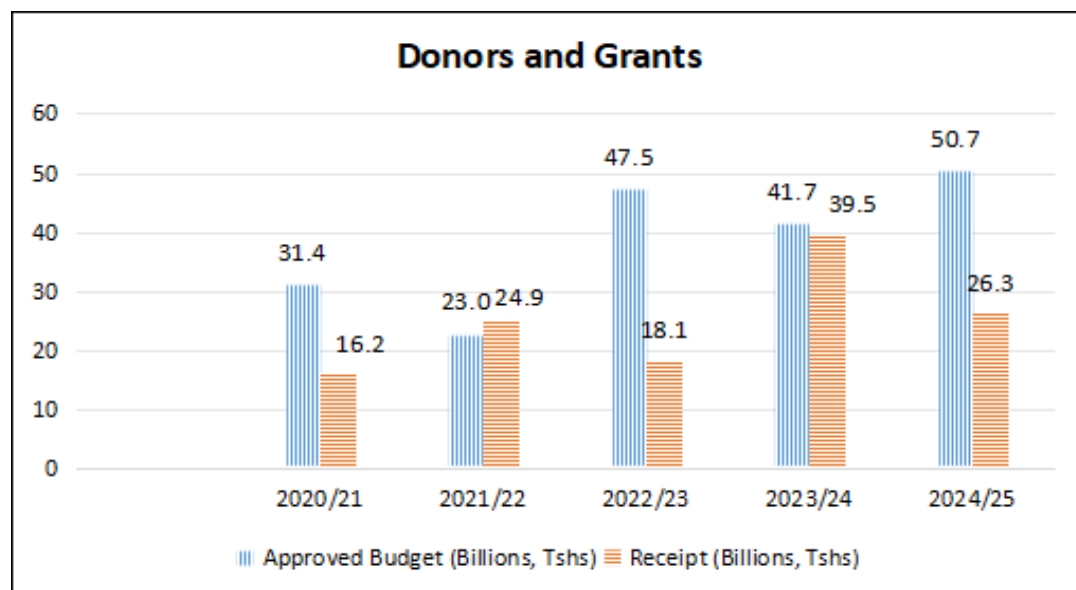


Figure 29: Financial Support from Donors and Grants from 2020/21 to 2024/25

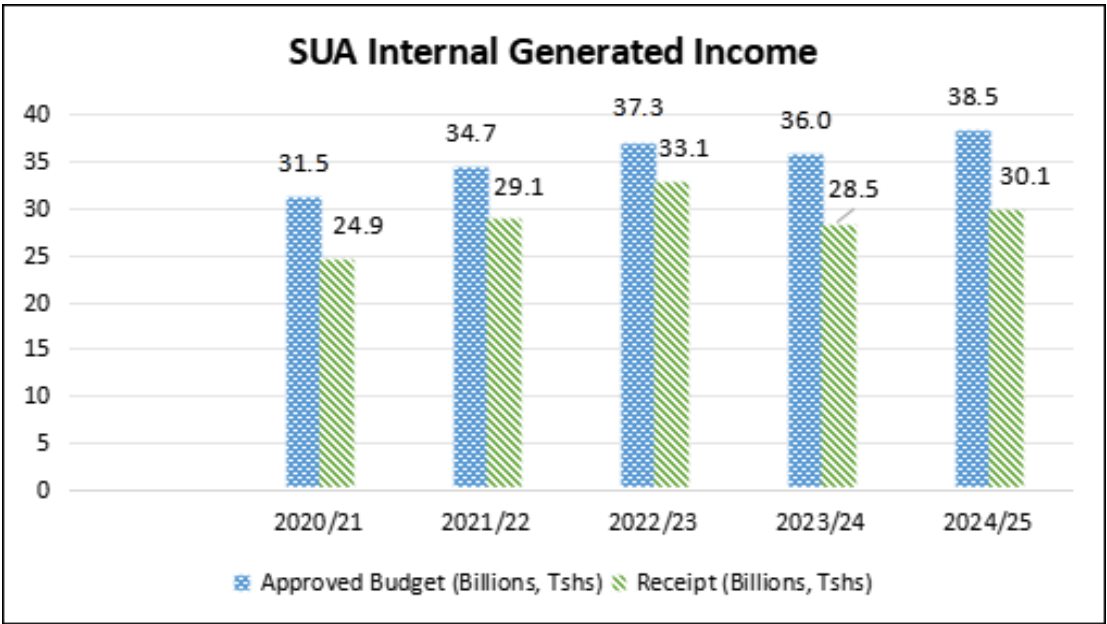


Figure 30: Financial Support from SUA Internal Generated Income from 2020/21 to 2024/25

6.3 Health Services and Facilities

6.3.1 Introduction

SUA attaches great importance on the health of students, staff and the neighbouring community; the University has the Department of Hospital Services (DHS) which is one of the administrative departments. The Department of Hospital Services is responsible for all matters concerning health at the University. The DHS operates at Sokoine University Agriculture, with two health delivery units, one located at the Main Campus and the other located at Solomon Mahlangu Campus both within Morogoro Municipality.

6.3.2 Services Offered

The services offered include Outpatient, Inpatient (general and private rooms), General and Specialised consultation, Specialized and non-specialised investigations, dental services, radiology services (X-ray and ultrasound) reproductive and child health, clinic for tuberculosis, intensive care services (ICU), delivery services, minor and major surgeries and care, and treatment for people living with HIV/AIDS.

6.2.3.1 Outpatient

Outpatient services are offered in twenty-four hours, seven days a week.

Services offered include: -

- ❖ Consultation by General Practitioners
- ❖ Consultation by specialists
- ❖ Laboratory investigations.
- ❖ Specialized investigations
- ❖ Dental services
- ❖ Drug dispensing
- ❖ Screening of various Diseases
- ❖ Minor surgeries and care for injuries
- ❖ X-ray and clinical diagnostic imaging
- ❖ Counselling Services

6.2.3.2 Inpatient

Inpatients service is provided seven days a week in both delivery units. It includes general admission and private admission.

Bed Capacity

SMC delivery Unit has 16 beds; Labour Ward has 3 Delivery beds, 1 normal bed and 1 Bed Cot/ Neonatal Incubator

The Delivery Unit at the Main Campus has 40 beds capacity for general wards, that is, 20 beds for female ward and 20 beds for male ward. There are 4 self-contained private/executive rooms.

Intensive Care Unit at the Main Campus has 3 bed capacity and is equipped with all necessary requirement such as oxygen concentrators, suckers, ventilator machines, patient monitors, oxygen cylinders and defibrillator.

The capacity of beds for five years has remained the same while the number of patients attending including both outpatients and inpatients decreased from 28,457 patients in 2020/21 to 17,889 patients in 2024/25 as seen in Table 28. Patients are attended in time but the services provided do not meet health care standards set by the Ministry of Health which contributes to a decrease in the number of patients.

Table 28: Number of Patients Attended and Bed Capacity at SUA Health Delivery Unit from 2020/21 to 2024/25

Year		2020/21	2021/22	2022/23	2023/24	2024/25
Number of		28,457	30,471	28,534	14,998	17,889
Patient attended						
Bed Capacity		43	43	43	43	43

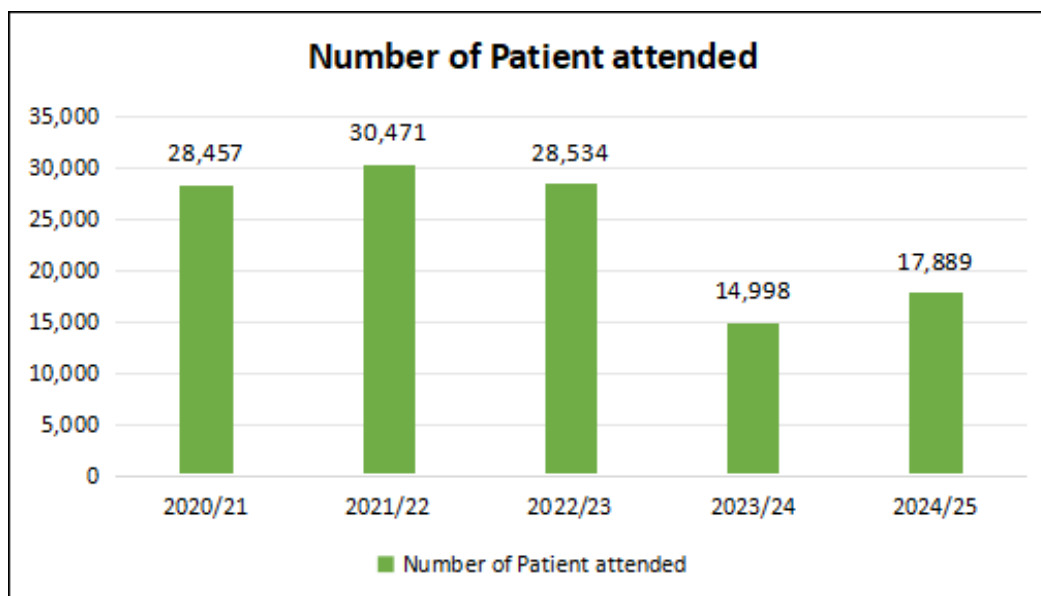


Figure 31: Number of Patients attended from 2020/21 to 2024/25

6.2.3.3 Diagnostic Facilities and Services

Laboratory Services

SUA Health Centre offers routine and specialized investigation at both HDUs.

Routine investigation includes Malaria test by Microscope/ MRDT, stool routine, urine routine/ urinalysis, VDRL, HIV test, Widal test, UPT, HVS, Urethral Swabs.

Specialized investigation includes Haematology, Biochemistry and Hormonal assays.

Specialized Equipment's

SUA health delivery units have a wide range of specialized equipment for diagnostic activities. Some of the specialized equipment supporting health delivery services at the Department of Hospital Services include (i) Suction machine, (ii) Oxygen concentrator, (iii) Oxygen cylinder, (iv) Patient Monitor machine, (v) Defibrillator, (vi) ECHO machine/ultrasound machine, (vii) Salter scale, (viii) ECG Machine, (x) Trade Mill Test machine, (ix) ECHO machine/ultrasound machine (xi) Examination light, (xii) Hem control, (xiii) and Chemistry Analyzer. Others include (xiv) Haematology Analyzer, (xv) Urine Analyzer, (xvi) Bio system Analyzer, (xvii) Blood Mixer, (xix) Hormonal Analyzer, (xii) Neonatal weighing scale, (xx) Premature warmer, (xxi) X-ray Illuminator, (xxii) Centrifuge, and (xxiii) Sonograph.

6.2.3.4 SPECIALTIES

Cardiology and Internal Medicine

The centre attends to all specialized cases in cardiology and internal medicine with special clinics on selected days.

Obstetrics and Gynaecology

Health delivery units also attend to all specialized cases in Obstetrics and Gynaecology with special clinics in selected days. Wednesday is reserved as surgical day.

Radiology and Clinical Diagnostic Imaging Testing

Both Health Delivery Units perform Ultra sound diagnostic investigations from Monday to Friday during normal office hours. X-ray service and interpretation of radiological imaging is currently provided by Sokoine University Hospital at Solomon Mahlangu Campus.

Dentistry and Oral Health

The Dental Unit attend to all cases concerning dental and oral diseases such as Scaling, Extraction, root canal and oral surgery from Monday to Sunday. The Dental Unit has modern equipment with high skilled man power to serve the purpose.

Clinical Dermatology and Venerology

The Clinic attend to all dermatological conditions and Sexually Transmitted Diseases from Monday to Friday.

6.2.3.5 REPRODUCTIVE AND CHILD HEALTH

Reproductive and Child Health Services are offered at both HDUs. The services are provided in collaboration with the Ministry of Health through Morogoro Municipal Council. The services offered include,

Ante Natal Care

- ❖ Performing Routine Investigations
- ❖ Urine for Albumin, Haemoglobin level and Blood Glucose
- ❖ Vaccination against Tetanus
- ❖ Monitoring of pregnancy development
- ❖ Initiating referral for the identified at risk pregnant mothers

Child Growth and Development Monitoring

- ❖ Perform anthropometric measurement
- ❖ Vaccination based on EPI schedule
- ❖ Nutritional Counselling

Family Planning and Child Spacing

- ❖ Family planning counselling
- ❖ The provision of various family planning services including Oral contraceptive, IUD, and injectable. Surgical options are available at Mazimbu Hospital only

6.2.3.6 CARE AND TREATMENT CLINIC HIV

Care and Treatment Clinic for PLWHA is based at Mazimbu Hospital which offers the following services: -

- ❖ Counselling before initiation of ARV
- ❖ Requesting necessary investigation before the initiation of ARV
- ❖ Dispensing ARV and making follow up of Clients
- ❖ Voluntary Counselling at Test for HIV (also available at SUA HC).

6.2.3.7 STAFF DISPOSITION

SUA health delivery units have a wide range of medical expertise and technical staff. Table 29 presents the distribution of staff for the period of five years and their specialization at HDUs as indicated in Table 30.

Table 29: Number of Disposition Staff at SUA Health Delivery Units by Gender/Sex 2020/21 to 2024/25

No. of Staff by Campus	2020/21			2021/22			2022/23			2023/24			2024/25		
Gender/Sex	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Main Campus(Health Delivery Unit)	11	18	29	12	18	30	13	15	28	16	22	38	16	22	38
Mazimbu Campus (Health Delivery Unit)	13	20	33	13	24	37	14	20	34	15	22	37	14	22	36
Grand Total	24	38	62	25	42	67	27	35	62	31	44	75	30	44	74

Source: Department of Human Resources and Administration

Table 30: SUA Health Delivery Units Staff Disposition by Cadre and Specialisation in 2020/21 to 2024/25

CADRE		SPECIALIZATION
1	Medical Specialists	Internal Medicine & Cardiology
		Obstetrics & Gynaecology
		Radiology & Clinical Imaging
		Paediatric & Child Health
		Medical Doctor
		Clinical Officer
2	Medical Officers	
3	Dental Officers	
4	Assistant Medical Officers	General
		Dermatology & Venerology
		Health Systems Management
		Anaesthesiology
5	Dental Therapists	
6	Clinical Officer	
7	Nursing Officers	General
		Theatre Management
		Medical Psychology
8	Assistant Nursing Officers	General
		Operating Theatre
		Anaesthesiology
		Psychiatry and Mental Health
9	Enrolled Nurse	General
		Public Health
10	Nurse Assistants	General
		MCHA
11	Laboratory Technologists	-
12	Laboratory Technicians	-
13	Laboratory Assistants	-
14	Laboratory Attendants	-
15	Radiographic Technicians	-
16	Pharmaceutical Technician	-
17	Hospital Secretary	-
18	Accounting Technicians	-
19	Attendants	-
20	Ambulance Drivers	-
21	Medical Recorder	-