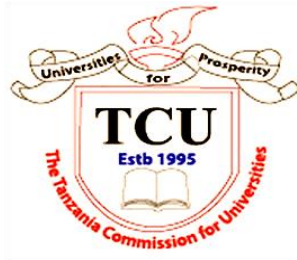


**THE TANZANIA COMMISSION FOR UNIVERSITIES
(TCU)**



VITALSTATS

ON

**UNIVERSITY EDUCATION IN TANZANIA
2019**

SEPTEMBER 2020

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Ministry of Education, Science and Technology Building, Ground Floor

P.O. Box 6562, 7 Magogoni Street, 11479 Dar es Salaam

Tel. Gen: +255(0) 22 2113694, Fax: 255 22 2113692

E-mail: es@tcu.go.tz

Website: www.tcu.go.tz

PREFACE

The higher education subsector in Tanzania has experienced an exponential growth over the past three decades. Remarkable changes especially in the number of university institutions, student population and programmes on offer have been observed during the period under reference.

The above state of affairs has necessitated the Tanzania Commission for Universities (TCU) to ensure that its stakeholders are kept abreast of the trends in key aspects of university education changes in the country commensurate with the requirement of the Universities Act, Cap. 346 of the Laws of Tanzania, which among other things, gives mandate to TCU to collect, examine, store in database or databank and publish information relating to higher education, research and consultancy.

This publication is a series of publications that are produced by TCU annually on various aspects related to university education in Tanzania. A similar publication (*State of University Education in Tanzania 2018*) was produced in 2019 and contains among other information, statistics on students' enrolment and completion, dropout, programmes, which were on offer during the 2018/2019 academic year and staff disposition. These statistics are considered important within the context of the rapidly changing university education landscape in the country.

The statistics provided in this handbook and other similar publications produced by the Commission are meant to inform stakeholders (Government Ministries, Departments and Agencies; Non-Governmental Organisations; Development Partners; prospective students; and the general public) about the state of university education in Tanzania and help them to make well informed decisions. For example, statistics on students' enrolment serve as a measure of the extent to which national targets on human capital development across various fields of education or clusters are being met. Further, statistics on completion or graduation rates provide an important indicator to inform relevant stakeholders including the Government on the available human resources in the labour market against national development objectives.

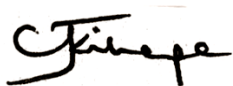
However, it must be understood that the vital statistics provided in this document are from accredited public and private higher education institutions (HEIs) that are regulated by TCU as provided for in Appendix

1 and hence, the statistics provided should not be considered as inclusive of all HEIs in Tanzania. That is, the statistics produced in this book are data from Full-fledged Universities, their associated Colleges, Institutes and Centres, and exclude associated data for HEIs that are regulated by the National Council for Technical Education (NACTE).

The data on completion (graduate), dropout and programmes on offer were collected in 2019 through the Universities Information Management System (UIMS) that is managed by the Commission while the data on students' enrolment were collected through the Application Programming Interface (API), which is a communication protocol between the university institutions' information systems and that of the Commission.

It is my hope that the statistics provided in this publication would be useful in many domains of human capital development and to various stakeholders. In this regard, I appeal to all stakeholders of higher education to spare some time to read the document.

I express my sincere appreciation to the Chairman and members of the Commission and its Committees for their guidance. I am also grateful to the TCU Secretariat for conducting the analysis of the data and ultimately producing this publication. In particular, I wish to acknowledge Dr. Kokuberwa Katunzi-Mollel (Director of Admissions Coordination and Data Management); Dr. Telemu Kassile (Director of Accreditation); Mr. Yusuf Rauna (Acting Director of Corporate Services); Mr. Augustine Swai (Principal Computer Programmer); Mr. Mathayo Mafangh'a (Admissions Officer); and Mr. Estomii Edward (Admissions Officer) for managing the production of this publication. Last, but not at all least, I am indebted to all stakeholders particularly the Top Management of HEIs who in one way or the other, facilitated the production of these vital statistics.



Prof. Charles Kihampa
EXECUTIVE SECRETARY, TCU

Dar es Salaam, September 2020

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DEFINITIONS

Academic cluster: mean a group of academic programmes organized around thematic and related academic or professional disciplines. Academic programmes offered in accredited institutions in Tanzania are grouped into 17 clusters. Examples of programmes in each cluster are provided in *Appendix 2*.

SN	Name of cluster
1	Agriculture
2	Architecture and Planning
3	Arts and Humanities
4	Business
5	Education
6	Engineering
7	Environmental Science
8	Information and Communication Technology
9	Journalism, media studies and Communication
10	Law
11	Library, Archives and Museum Studies
12	Life Sciences
13	Medicine and Health Sciences
14	Mining and Earth Sciences
15	Physical Sciences and Mathematics
16	Social Sciences
17	Tourism and Hospitality Studies

Campus College: means a non-autonomous governance unit within the premises of or in close proximity to a university established by a legal instrument of a university.

Discipline: means a branch of knowledge, skills and competences acquired through teaching or learning at university or professional level through specific programmes. A discipline usually has most, if not all, of the following attributes:

- a) a particular object of research (e.g. criminal law, robotics, etc.);
- b) a body of accumulated specialist knowledge, skills and competences which may be acquired through learning, research, and work-related activities;
- c) theories or concepts arising from organising the specialist knowledge, skills and competences in the field of study; and

- d) specific research methods, techniques, language/terminology, work procedures, application of technology, innovation and related sciences.

Programme: means a curriculum of studies that leads to some form of recognition through an academic, technical or professional award in a discipline.

University: means an institution which offers a level of education and training that leads to intermediate and full academic or professional qualifications and competence namely certificate, diplomas and degrees.

UNDERGRADUATE STUDENTS' ADMISSION IN UNIVERSITY INSTITUTIONS

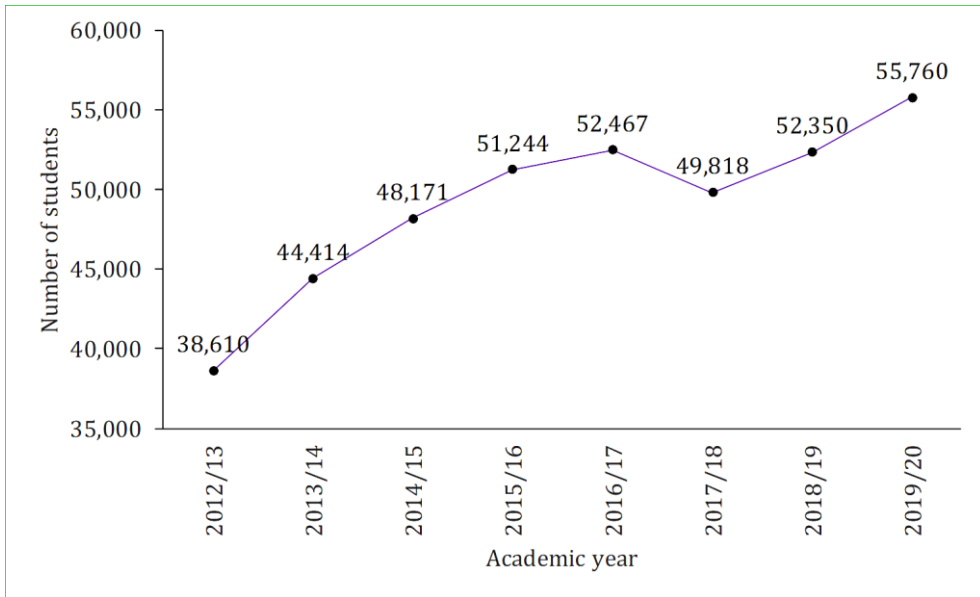


Figure 1: Students' admission into university institutions, 2012/13 - 2019/20

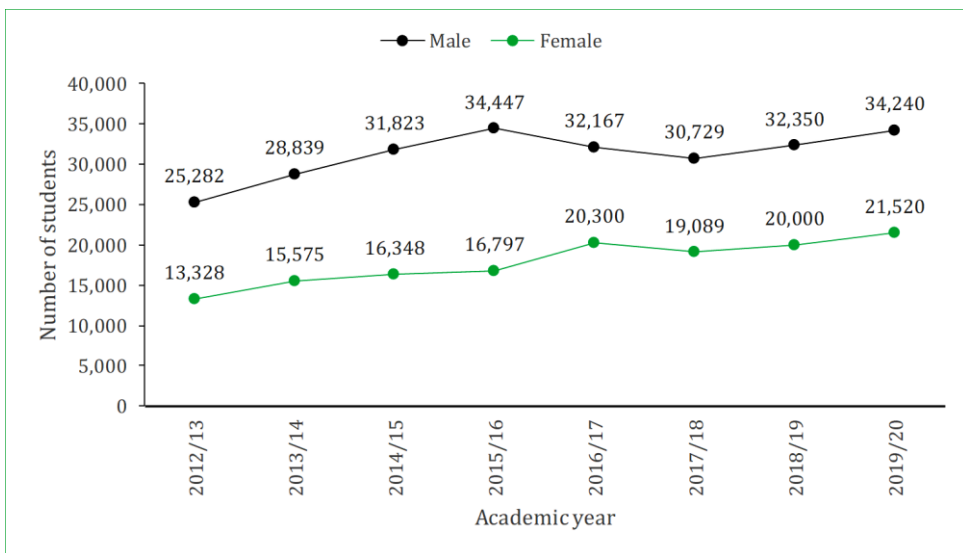


Figure 2: Students' admission into university institutions by gender, 2012/13 -2019/20

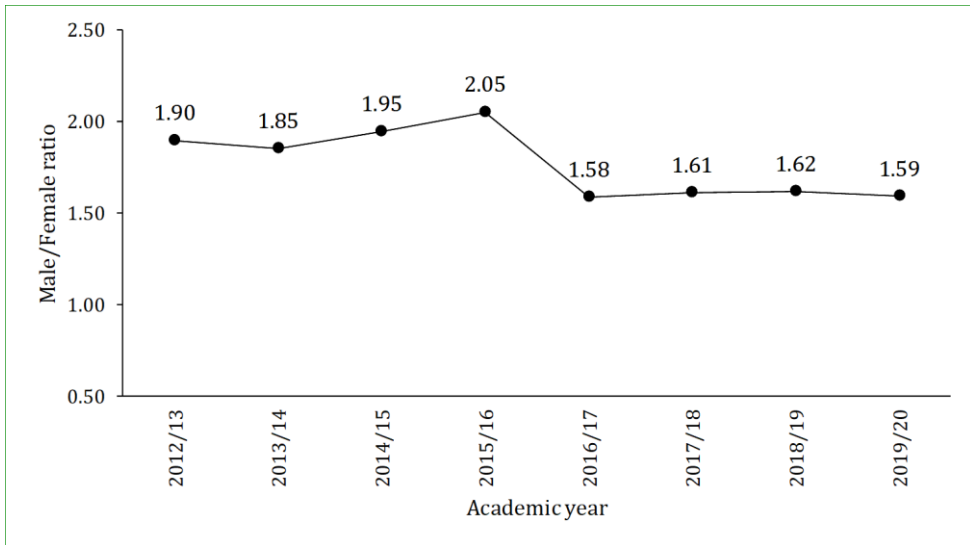


Figure 3: Male/Female ratio of admission into university institutions, 2012/13 -2019/20

STUDENTS' ENROLMENT IN UNIVERSITY INSTITUTIONS

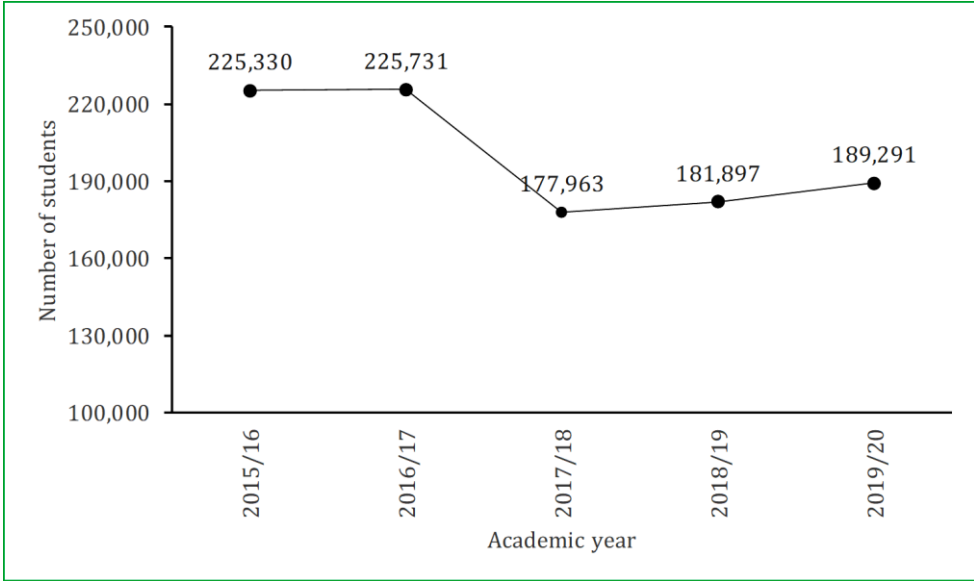


Figure 4: Trend in students' enrolment into university institutions, 2015/16 -2019/20

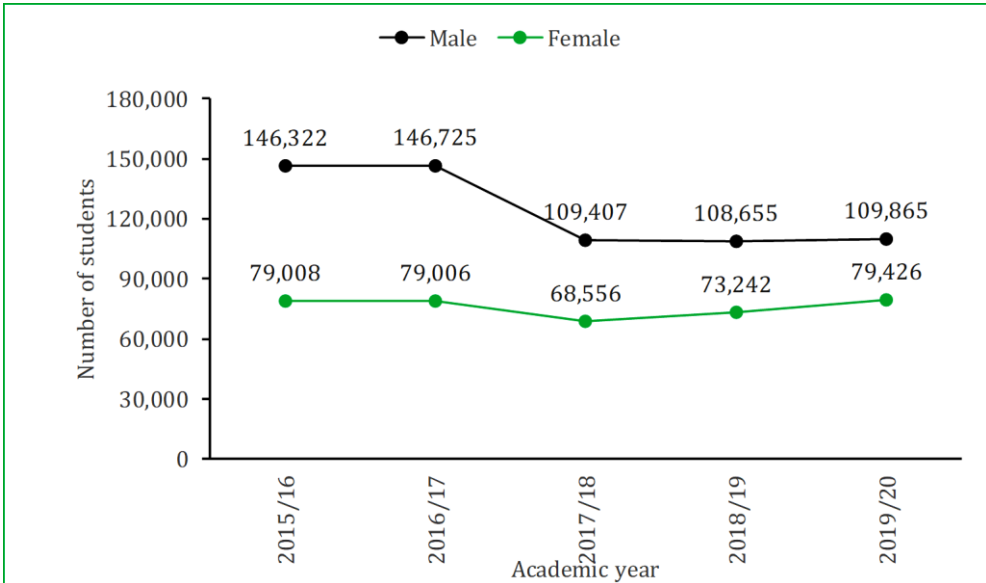


Figure 5 Trend in students' enrolment into university institutions by gender, 2015/16 -2019/20

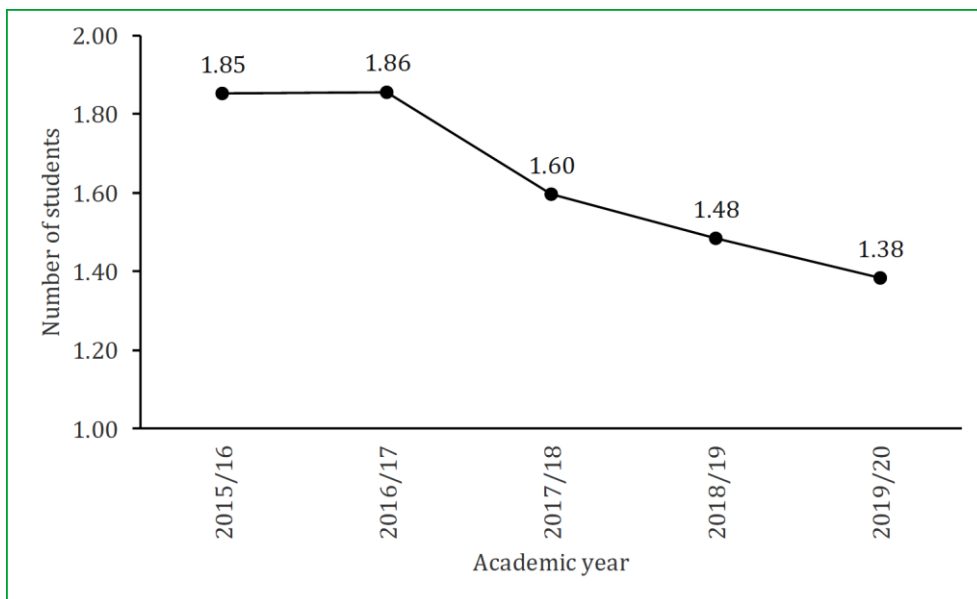


Figure 6: Trend in male/female ratio in enrolment into university institutions, 2015/16 -2019/20

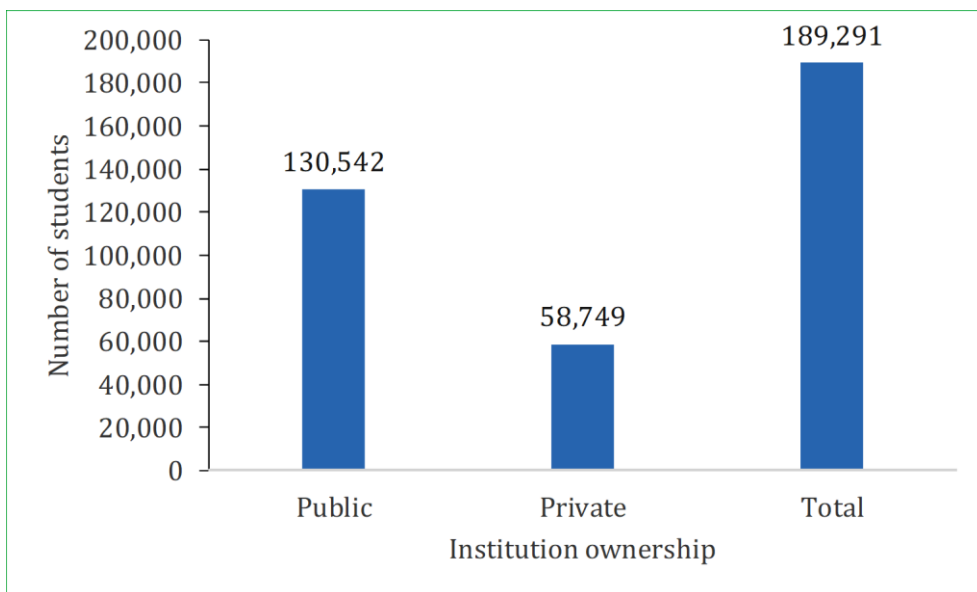


Figure 7: Student enrolment by type of ownership of institution, 2019

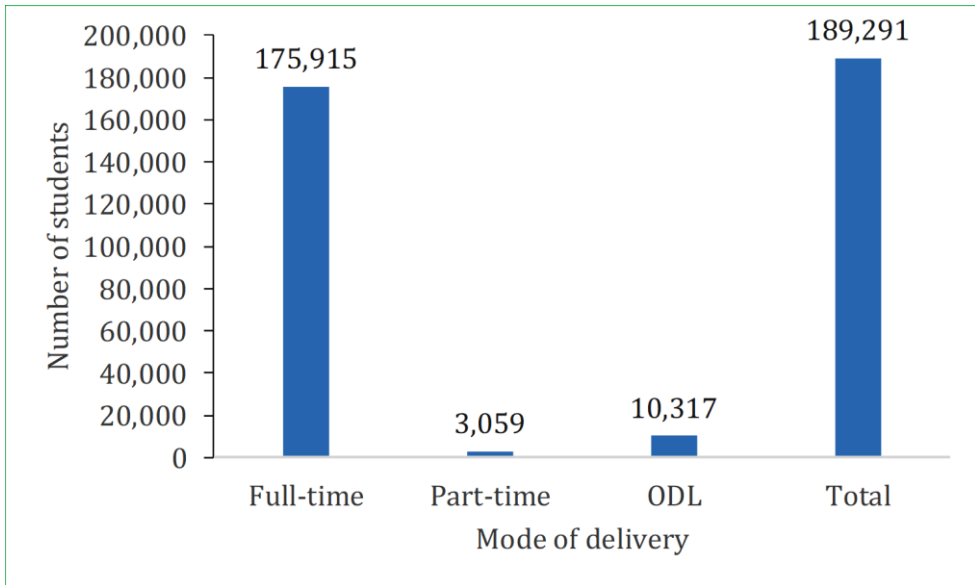


Figure 8: Student enrolment by mode of delivery, 2019

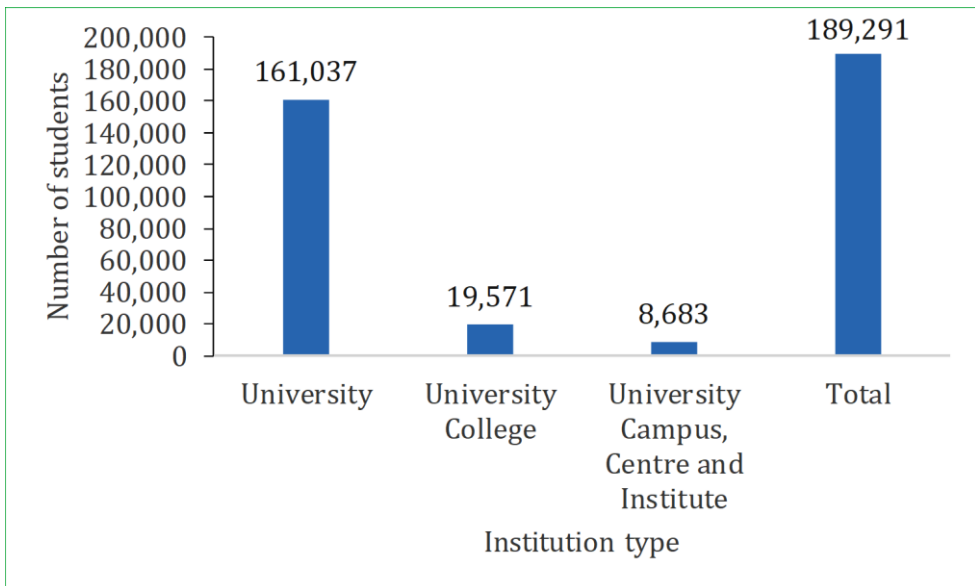


Figure 9: Student enrolment by institution type, 2019

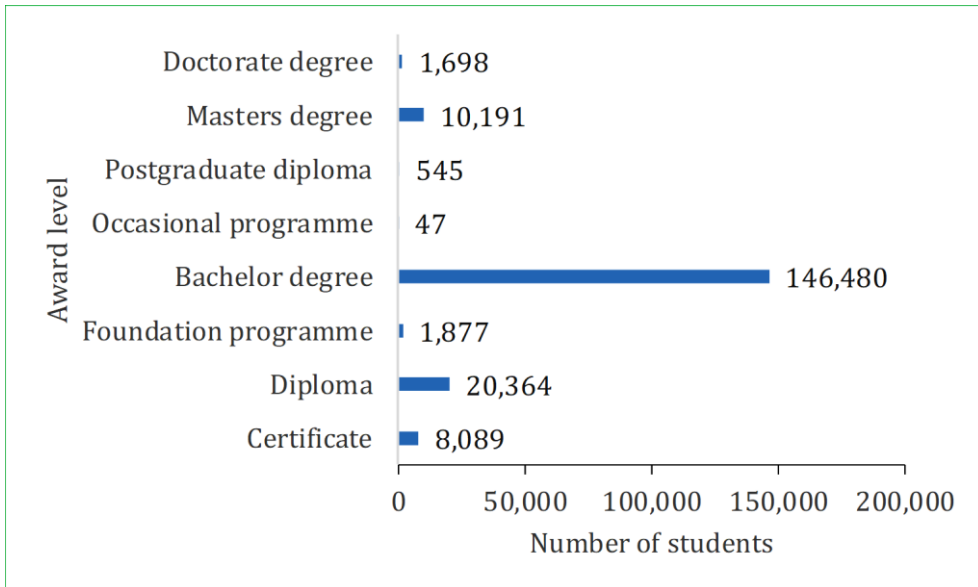


Figure 10: Student enrolment by award level, 2019

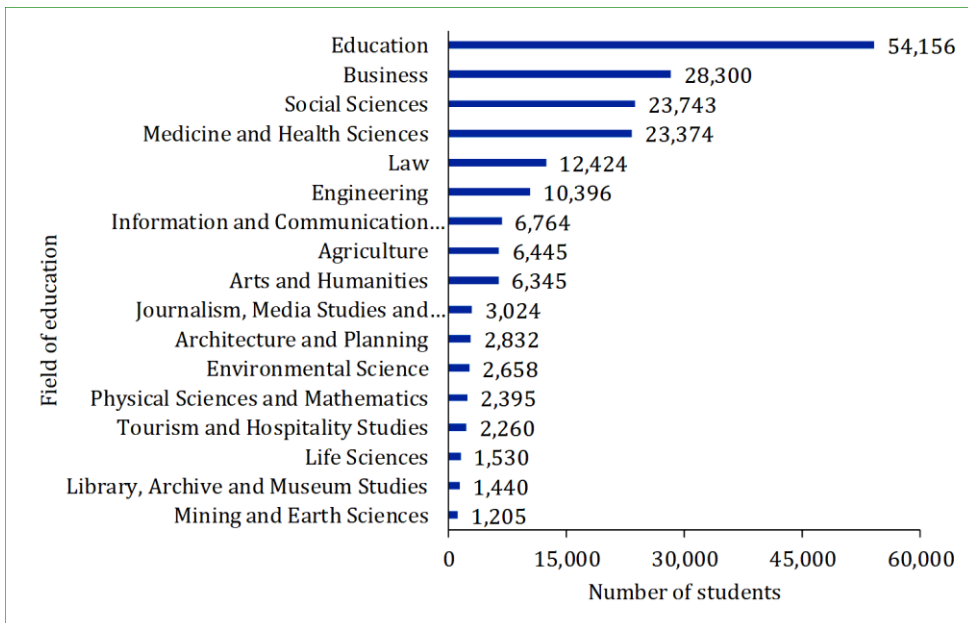


Figure 11: Student enrolment by field of education, 2019

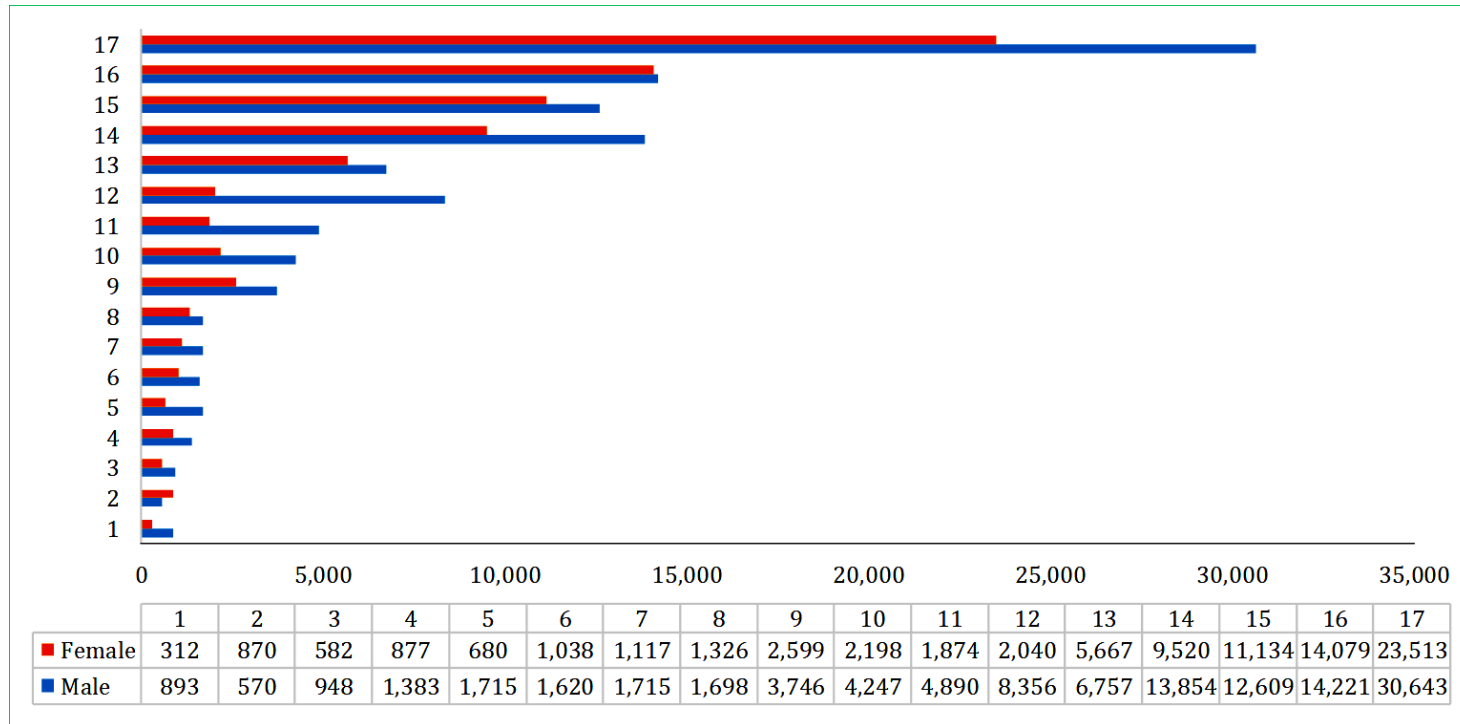


Figure 12: Student enrolment by field of education and gender, 2019

Key to the numbers:

- 1: Mining and Earth Sciences
- 2: Library, Archives and Museum Studies
- 3: Life Sciences
- 4: Tourism and Hospitality Studies
- 5: Physical Sciences and Mathematics
- 6: Environmental Science
- 7: Architecture and Planning
- 8: Journalism, Media Studies and Communication
- 9: Arts and Humanities
- 10: Agriculture
- 11: Information and Communication Technology
- 12: Engineering
- 13: Law
- 14: Medicine and Health Sciences
- 15: Social Sciences
- 16: Business
- 17: Education

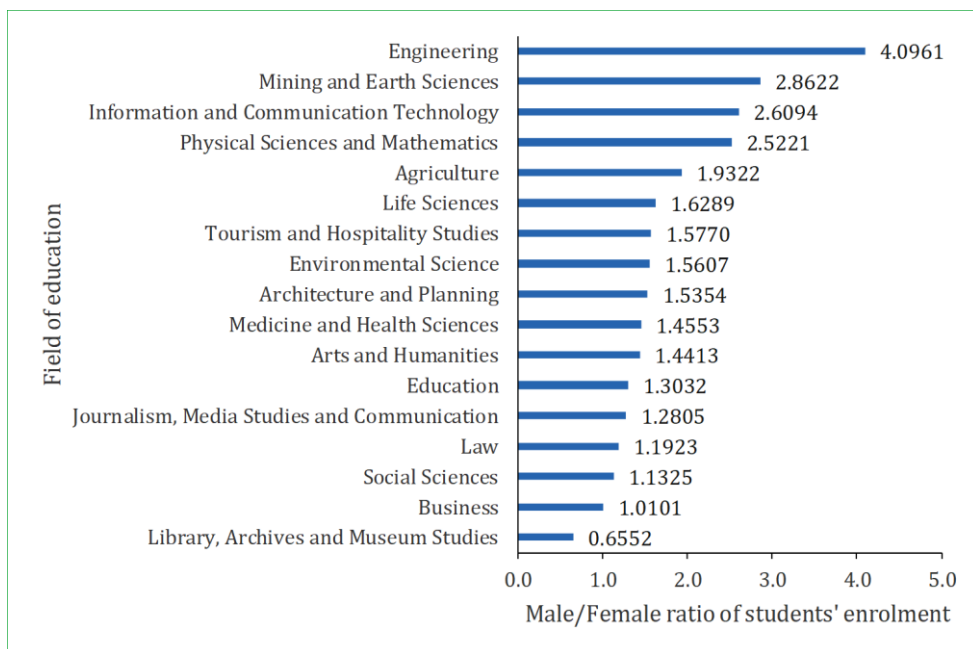


Figure 13: Male/Female ratio on enrolment by field of education, 2019

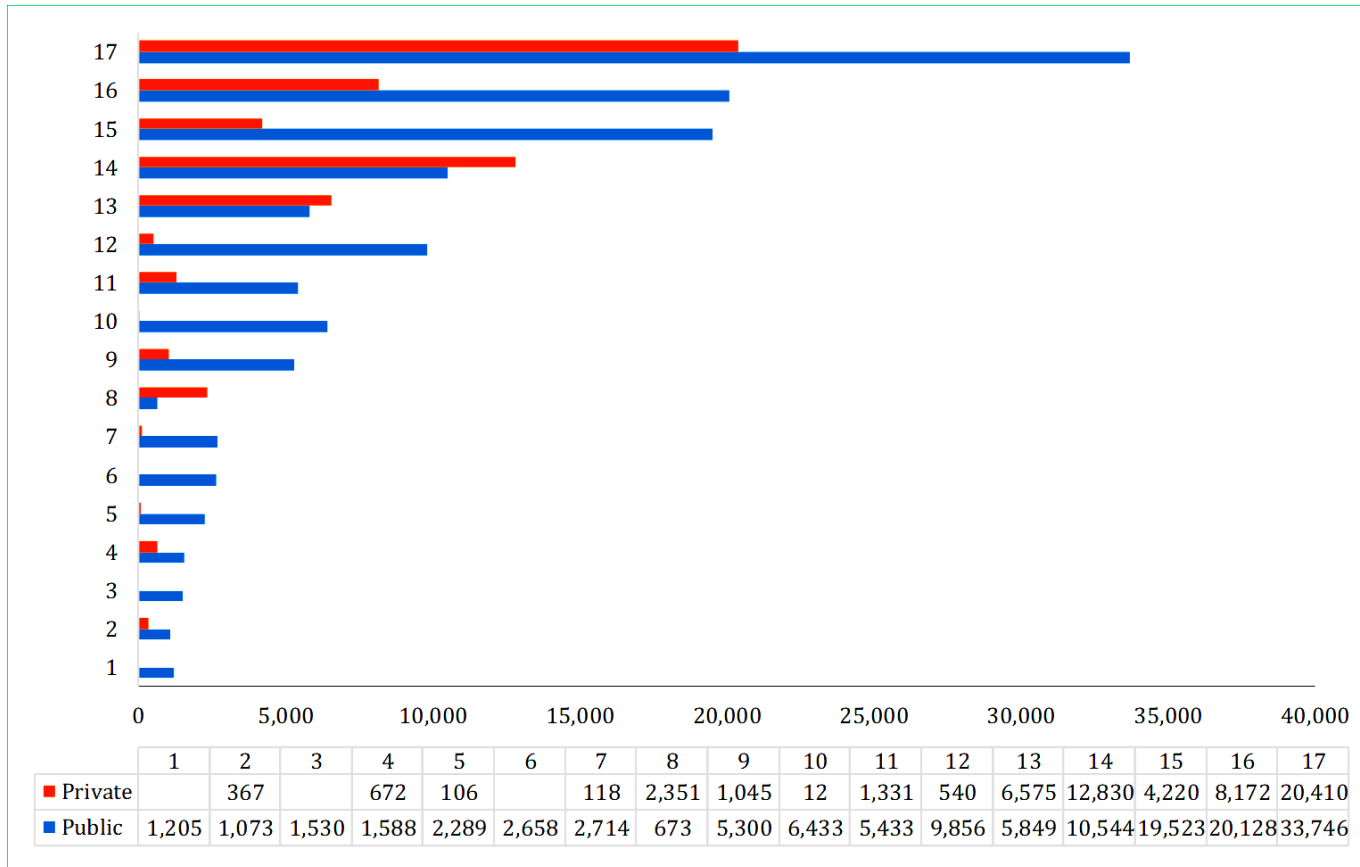


Figure 14: Student enrolment by field of education and ownership of institution, 2019

Key to the numbers:

- 1: Mining and Earth Sciences
- 2: Library, Archives and Museum Studies
- 3: Life Sciences
- 4: Tourism and Hospitality Studies
- 5: Physical Sciences and Mathematics
- 6: Environmental Science
- 7: Architecture and Planning
- 8: Journalism, Media Studies and Communication
- 9: Arts and Humanities
- 10: Agriculture
- 11: Information and Communication Technology
- 12: Engineering
- 13: Law
- 14: Medicine and Health Sciences
- 15: Social Sciences
- 16: Business
- 17: Education

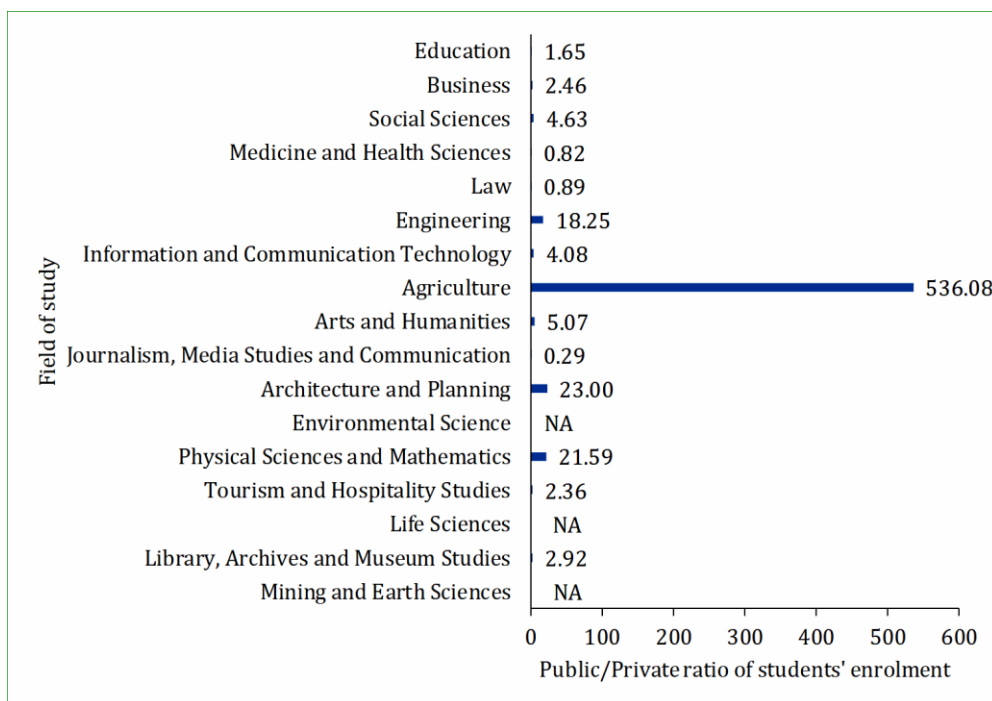


Figure 15: Public/Private ratio of enrolment by field of education, 2019

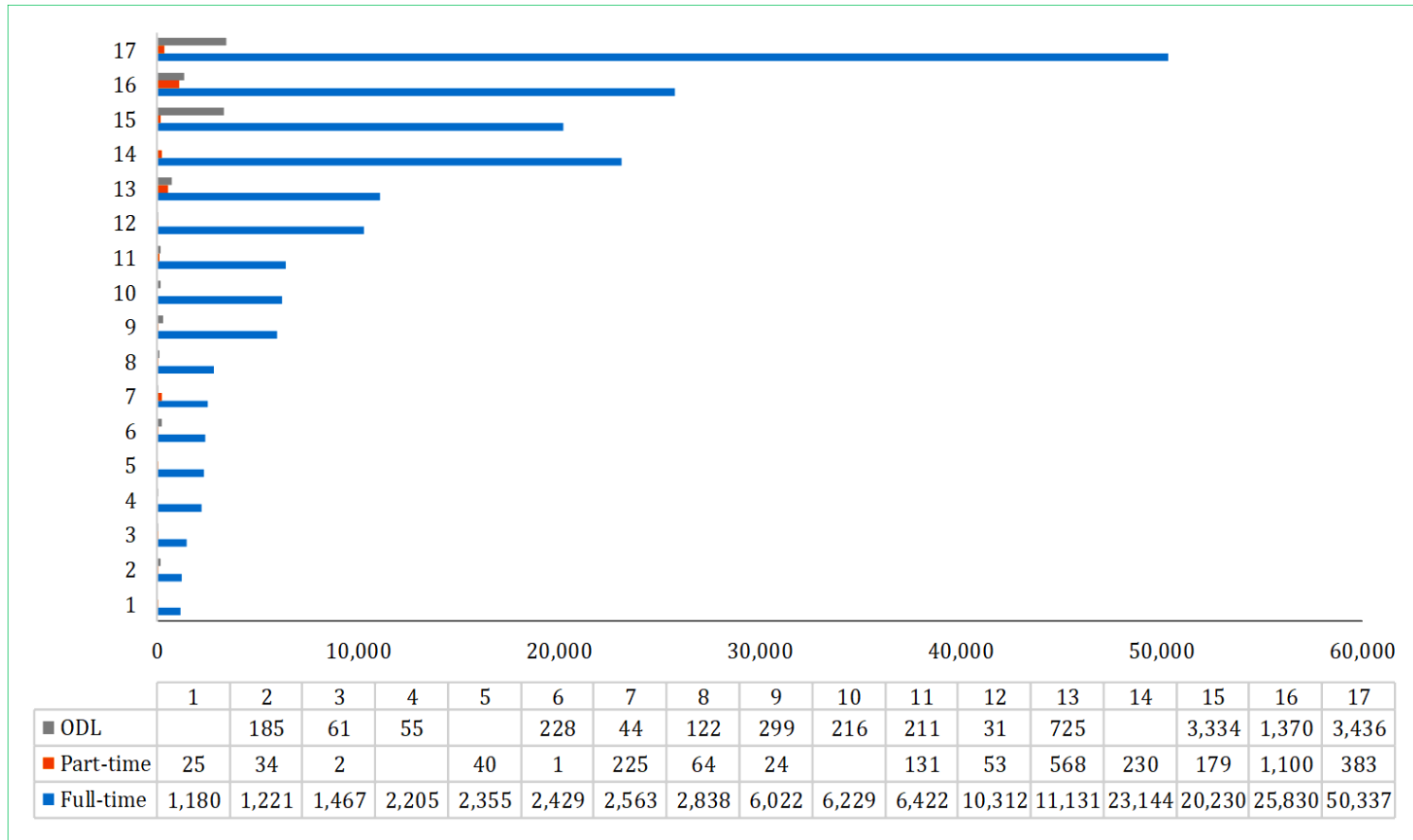


Figure 16: Student enrolment by field of education and mode of delivery, 2019

Key to the numbers:

- 1: Mining and Earth Sciences
- 2: Library, Archives and Museum Studies
- 3: Life Sciences
- 4: Tourism and Hospitality Studies
- 5: Physical Sciences and Mathematics
- 6: Environmental Science
- 7: Architecture and Planning
- 8: Journalism, Media Studies and Communication
- 9: Arts and Humanities
- 10: Agriculture
- 11: Information and Communication Technology
- 12: Engineering
- 13: Law
- 14: Medicine and Health Sciences
- 15: Social Sciences
- 16: Business
- 17: Education

GRADUATE STATISTICS IN UNIVERSITY INSTITUTIONS

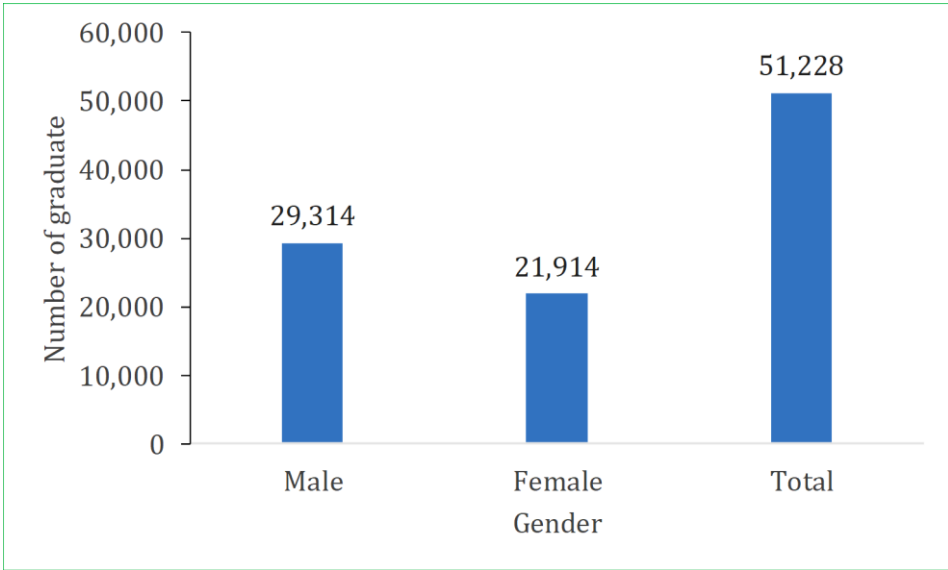


Figure 17: Graduates by gender, 2019

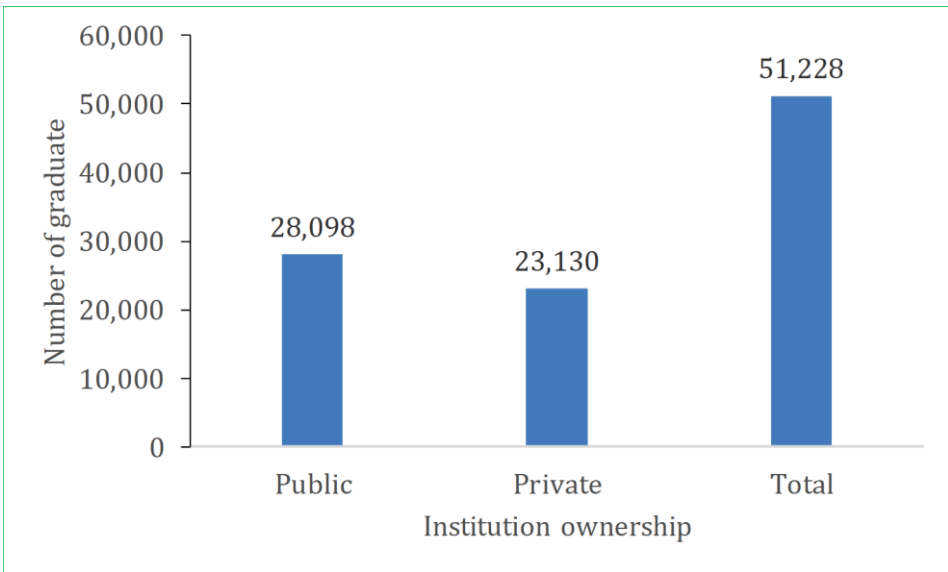


Figure 18: Graduates by type of ownership of institution, 2019

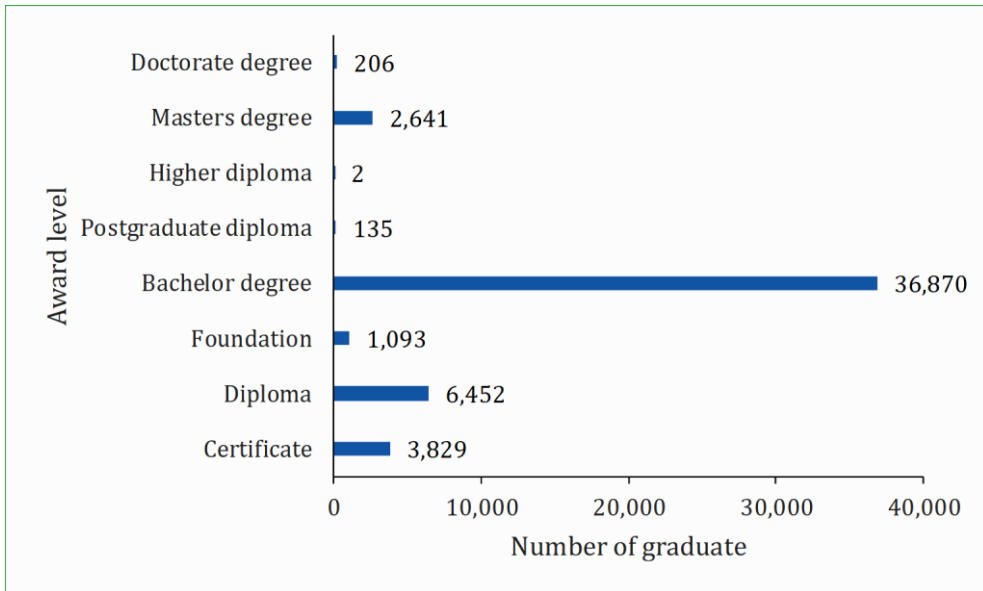


Figure 19: Graduates by award level, 2019

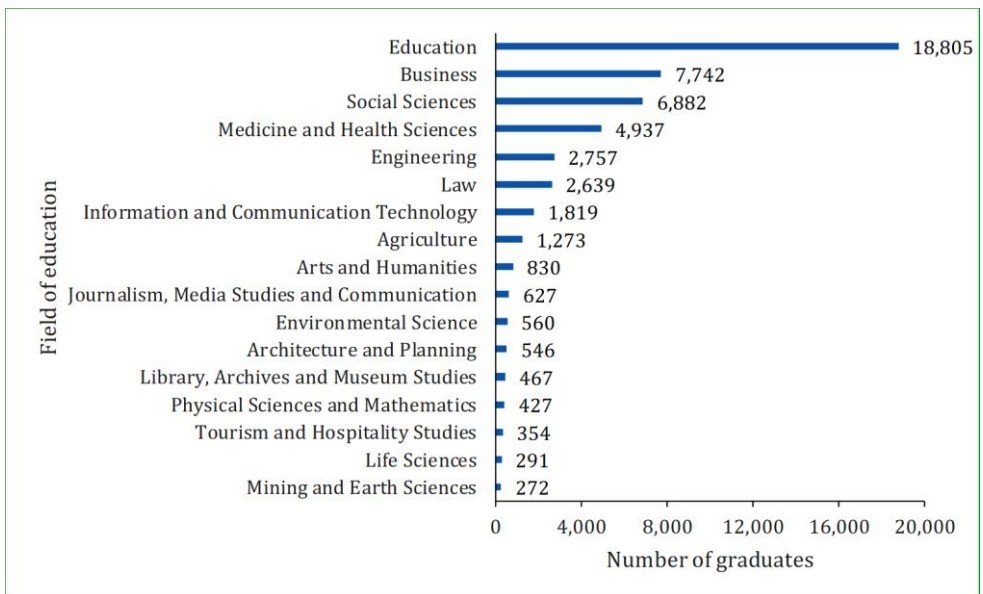


Figure 20: Graduates by field of education, 2019

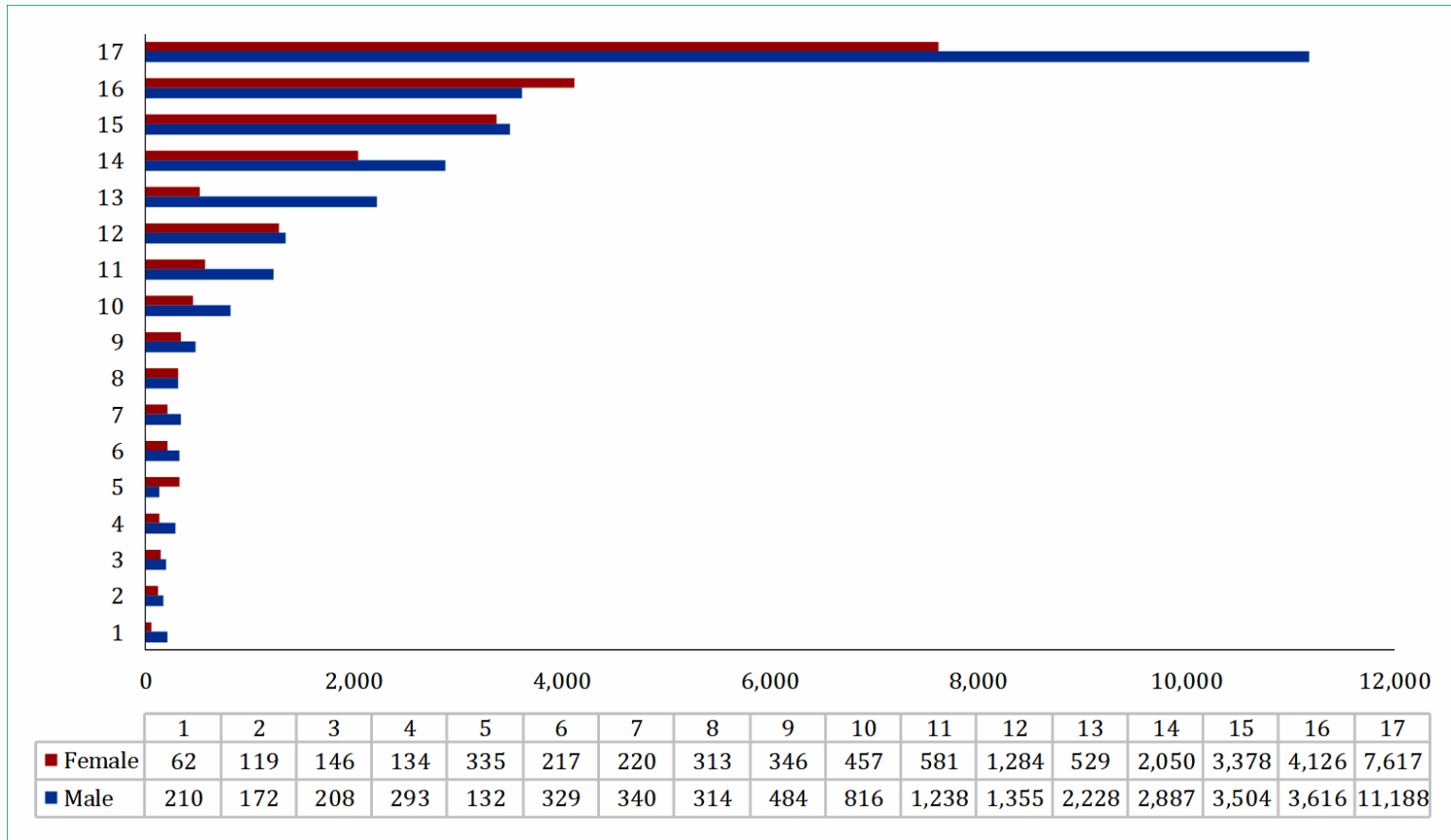


Figure 21: Graduates by field of education and gender, 2019

Key to the number:

- 1=Mining and Earth Sciences
- 2=Life Sciences
- 3=Tourism and Hospitality Studies
- 4=Physical Sciences and Mathematics
- 5=Library, Archives and Museum Studies
- 6=Architecture and Planning
- 7=Environmental Science
- 8=Journalism, Media Studies and Communication
- 9=Arts and Humanities
- 10=Agriculture
- 11=Information and Communication Technology
- 12=Law
- 13=Engineering
- 14=Medicine and Health Sciences
- 15=Social Sciences
- 16=Business
- 17=Education

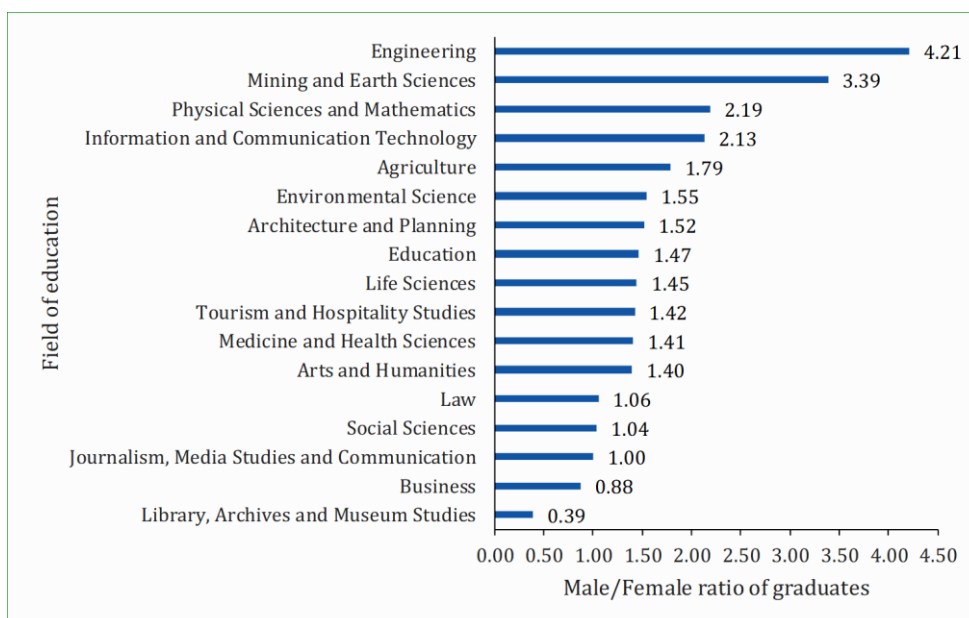


Figure 22: Male/Female ratio of graduates by field of education, 2019

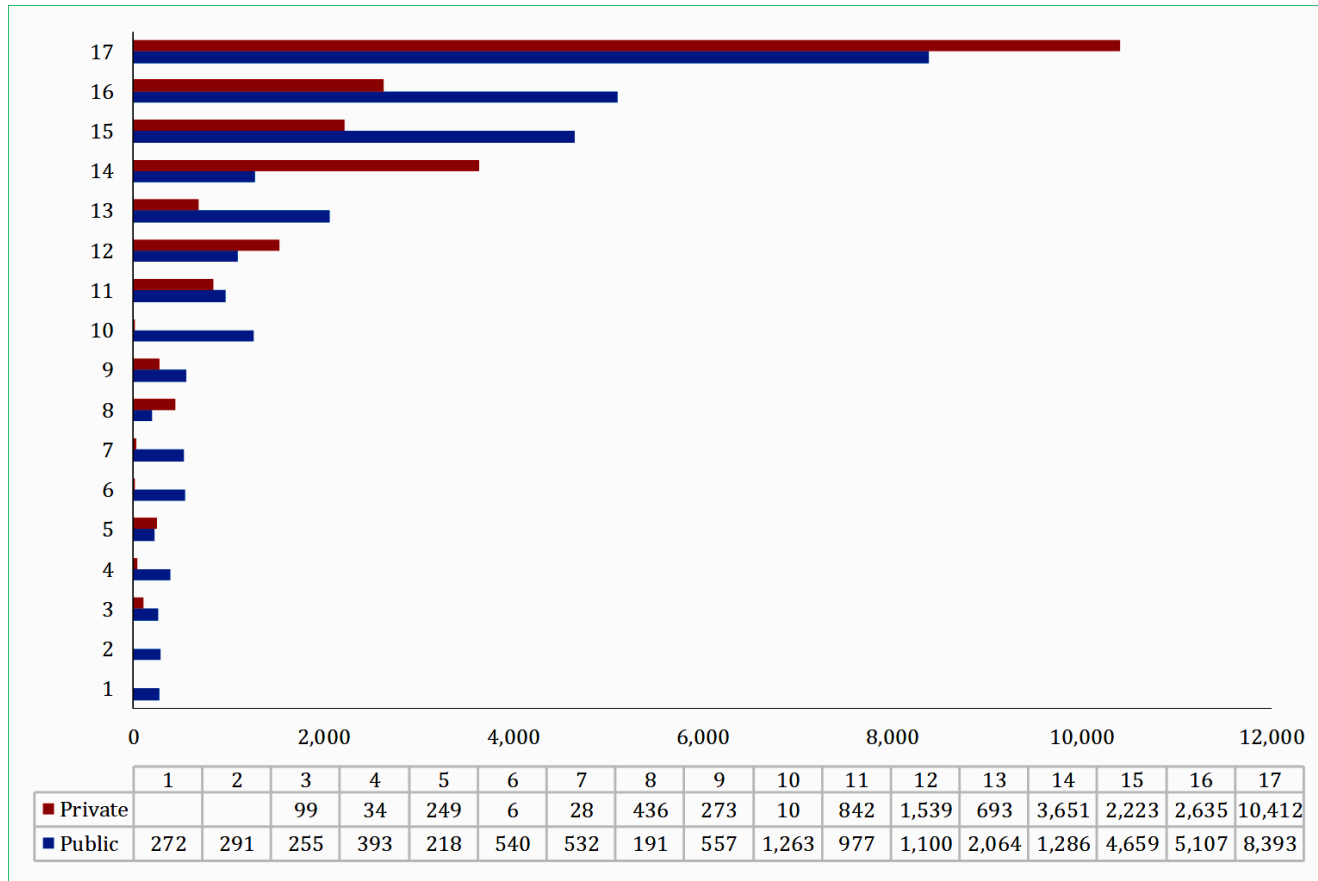


Figure 23: Graduates by field of education and ownership of institution, 2019

Key to the numbers:

1=Mining and Earth Sciences

2=Life Sciences

3=Tourism and Hospitality Studies

4=Physical Sciences and Mathematics

5=Library, Archives and Museum Studies

6=Architecture and Planning

7=Environmental Science

8=Journalism, Media Studies and Communication

9=Arts and Humanities

10=Agriculture

11=Information and Communication Technology

12=Law

13=Engineering

14=Medicine and Health Sciences

15=Social Sciences

16=Business

17=Education

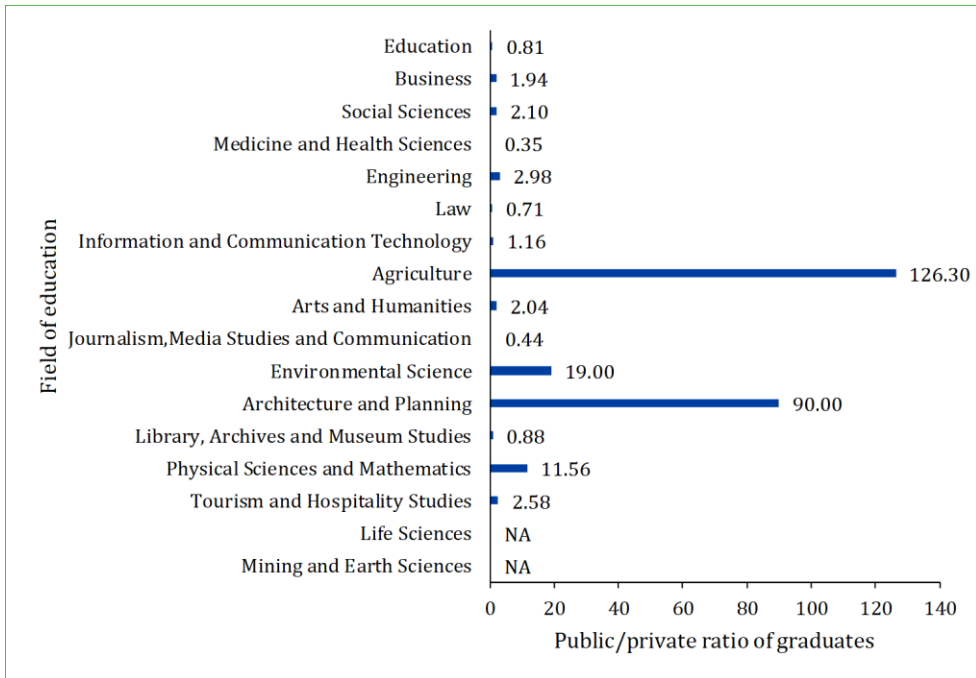


Figure 24: Public/Private ratio of graduates by field of education, 2019

STUDENTS' DROPOUT IN UNIVERSITY INSTITUTIONS

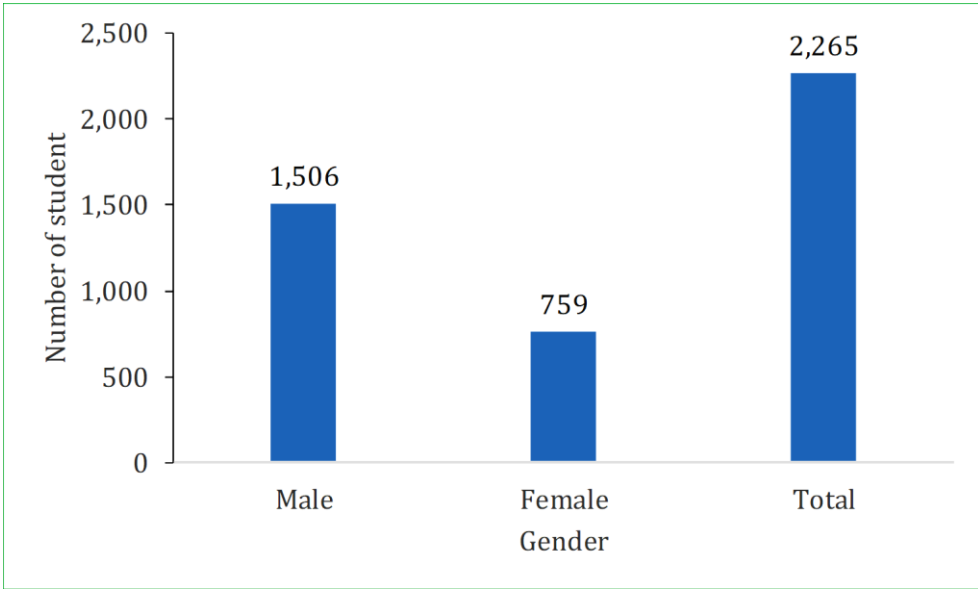


Figure 25: Dropout by gender, 2019

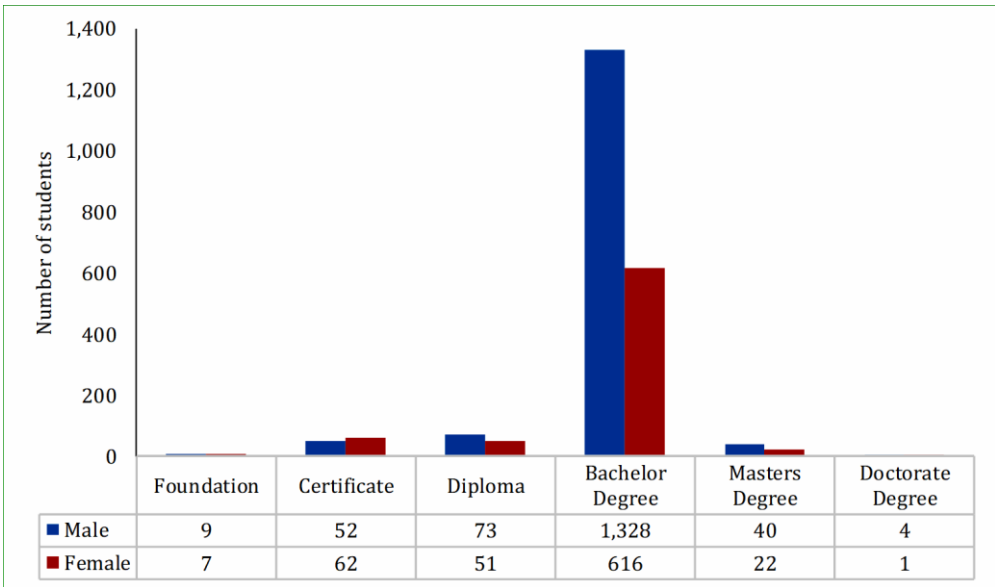


Figure 26: Droupout by award level and gender, 2019

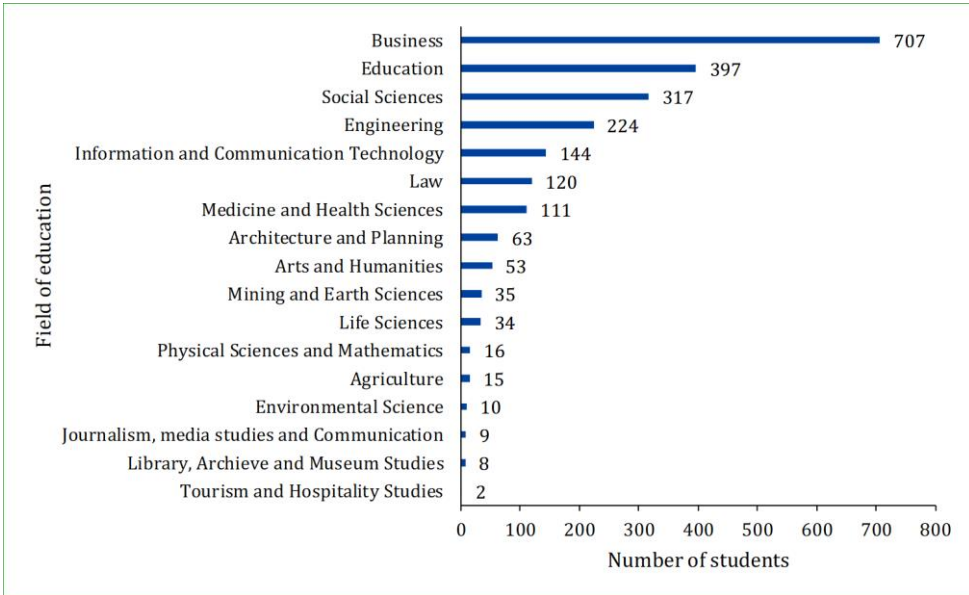


Figure 27: Dropout by field of education, 2019

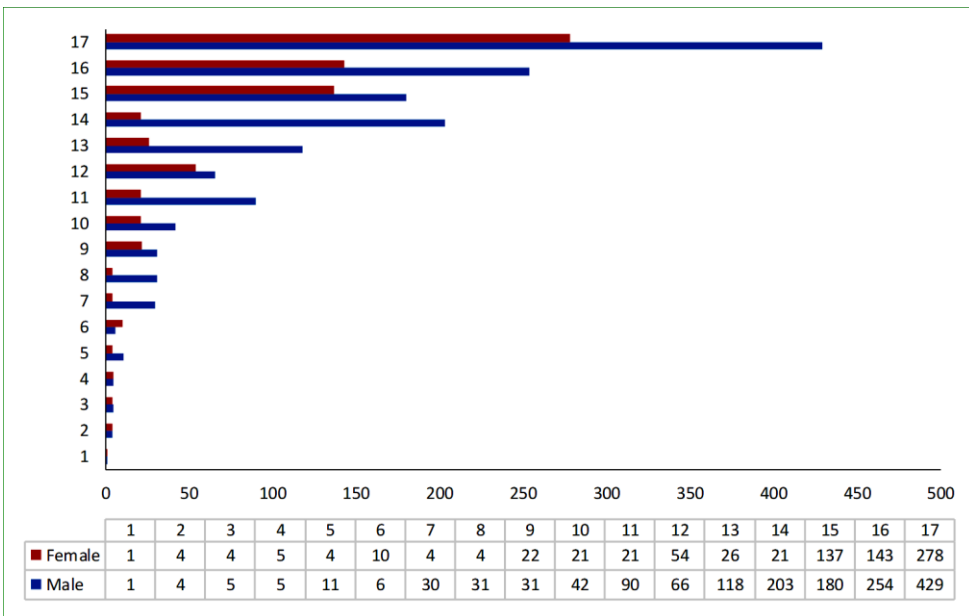


Figure 28: Dropout by field of education and gender, 2019

Key to the ennumbers:

- 1 = Tourism and Hospitality Studies
- 2 = Library, Archives and Museum Studies
- 3 = Journalism, Media Studies and Communication
- 4 = Environmental Science
- 5 = Agriculture
- 6 = Physical Sciences and Mathematics
- 7 = Life Sciences
- 8 = Mining and Earth Sciences
- 9 = Arts and Humanities
- 10 = Architecture and Planning
- 11 = Medicine and Health Sciences
- 12 = Law
- 13 = Information and Communication Technology
- 14 = Engineering
- 15 = Social Sciences
- 16 = Education
- 17 = Business

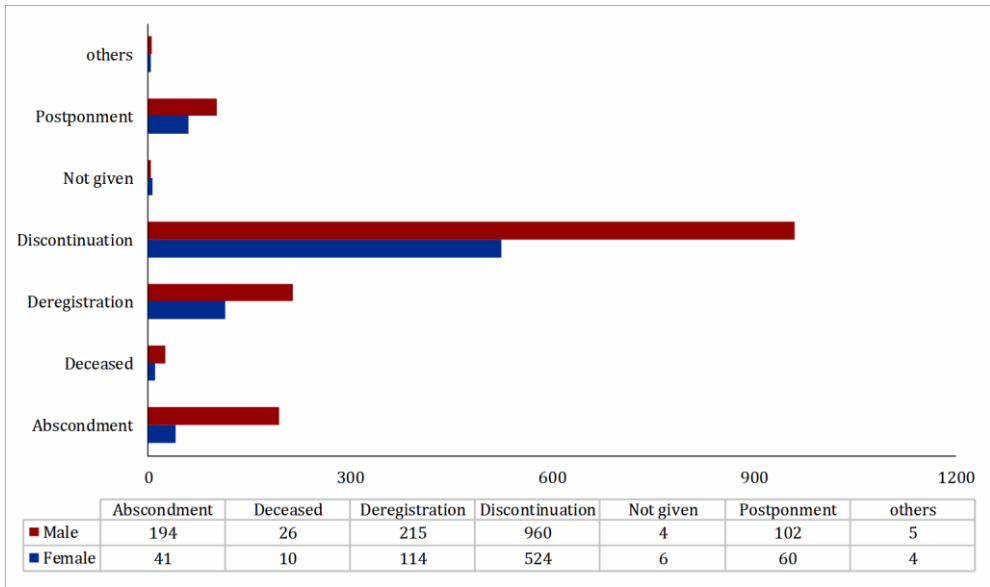


Figure 29: Reason for dropout by gender, 2019

ACADEMIC PROGRAMMES IN UNIVERSITY INSTITUTIONS

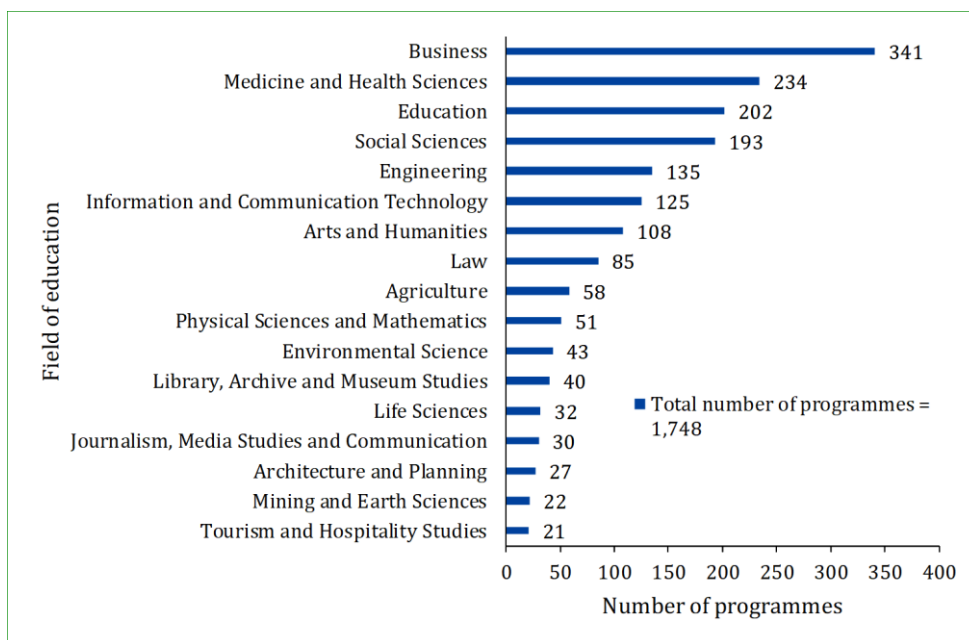


Figure 30: Number of programmes by field of education, 2019

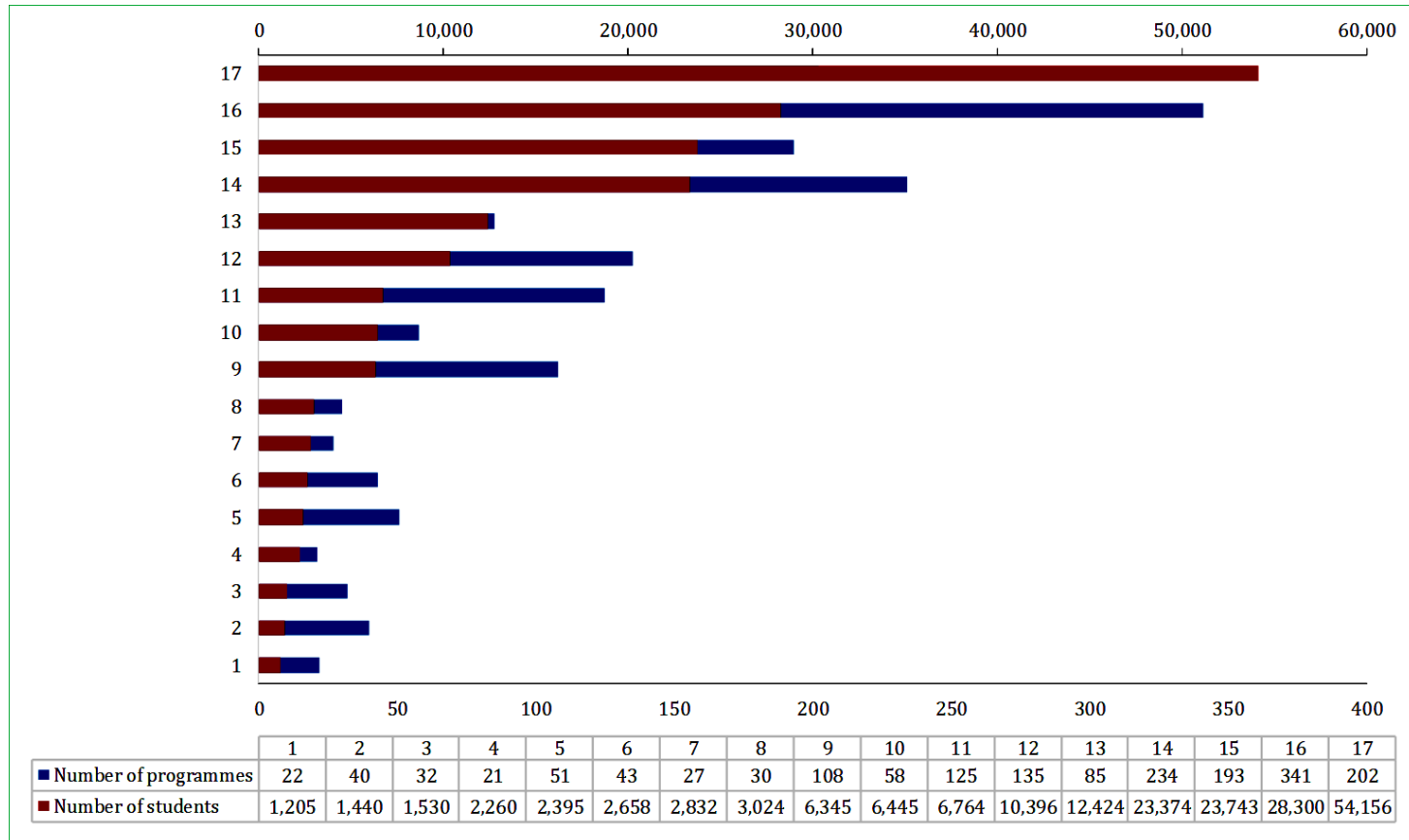


Figure 31: Number of programmes by field of education and enrolment, 2019

Key to the numbers:

1=Mining and Earth Sciences

2=Library, Archives and Museum Studies

3=Life Sciences

4=Tourism and Hospitality Studies

5=Physical Sciences and Mathematics

6=Environmental Science

7=Architecture and Planning

8=Journalism, Media Studies and Communication

9=Arts and Humanities

10=Agriculture

11=Information and Communication Technology

12=Engineering

13=Law

14=Medicine and Health Sciences

15=Social Sciences

16=Business

17=Education

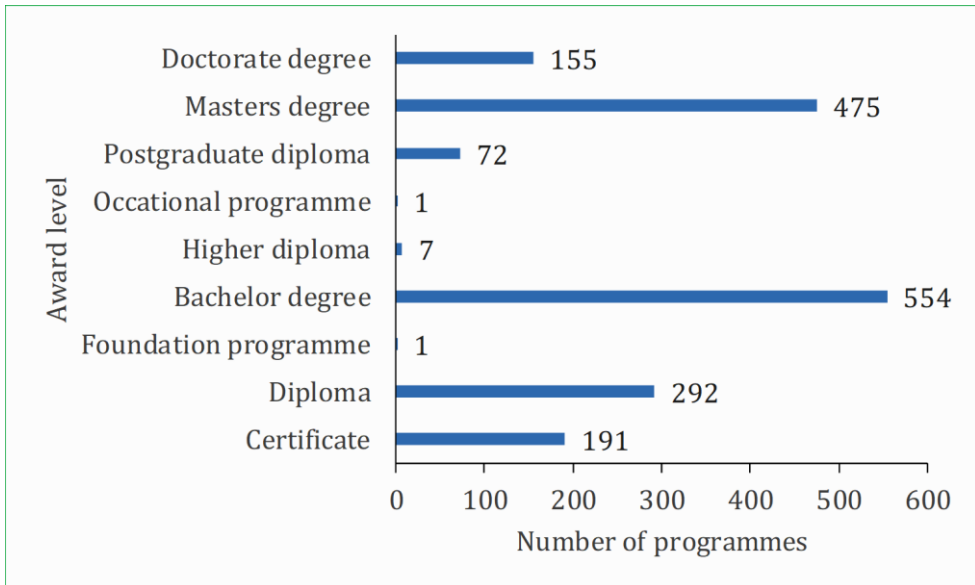


Figure 32: Number of programmes per award level, 2019

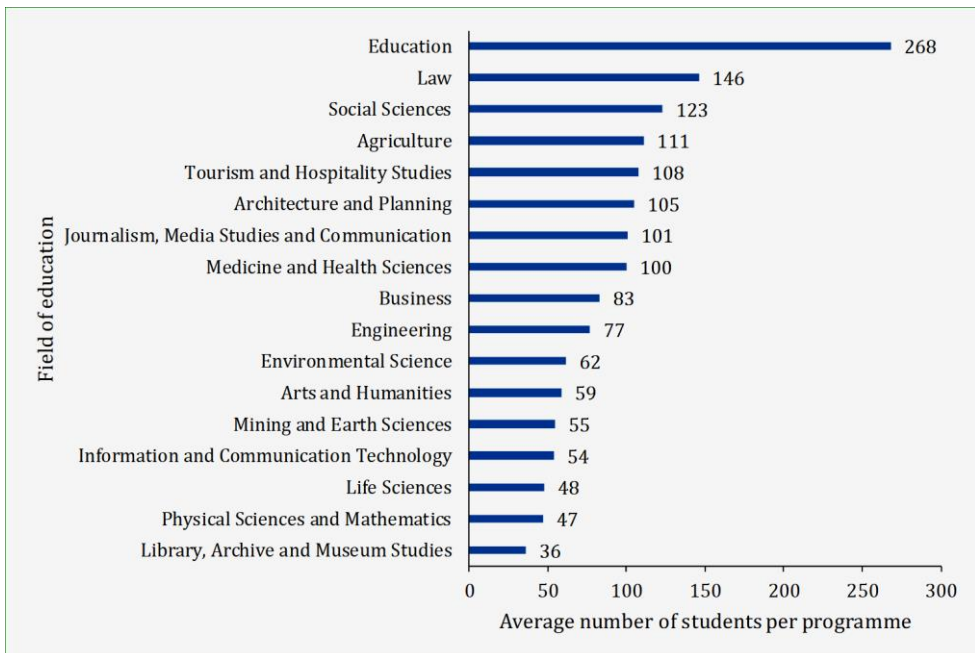


Figure 33: Number of programmes per award level, 2019

ACADEMIC STAFF IN UNIVERSITY INSTITUTIONS

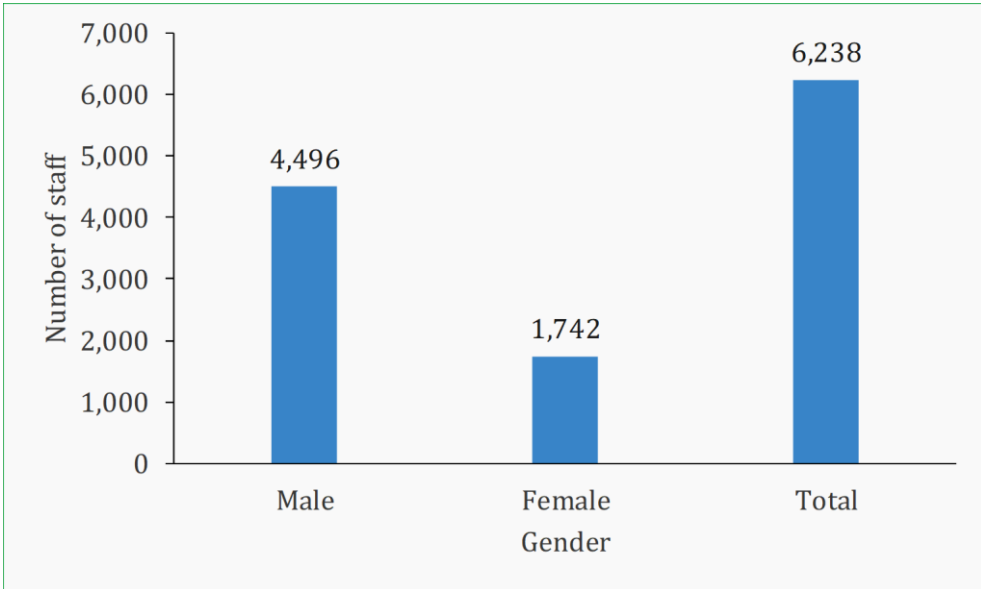


Figure 34: Academic staff in university institutions by gender, 2019

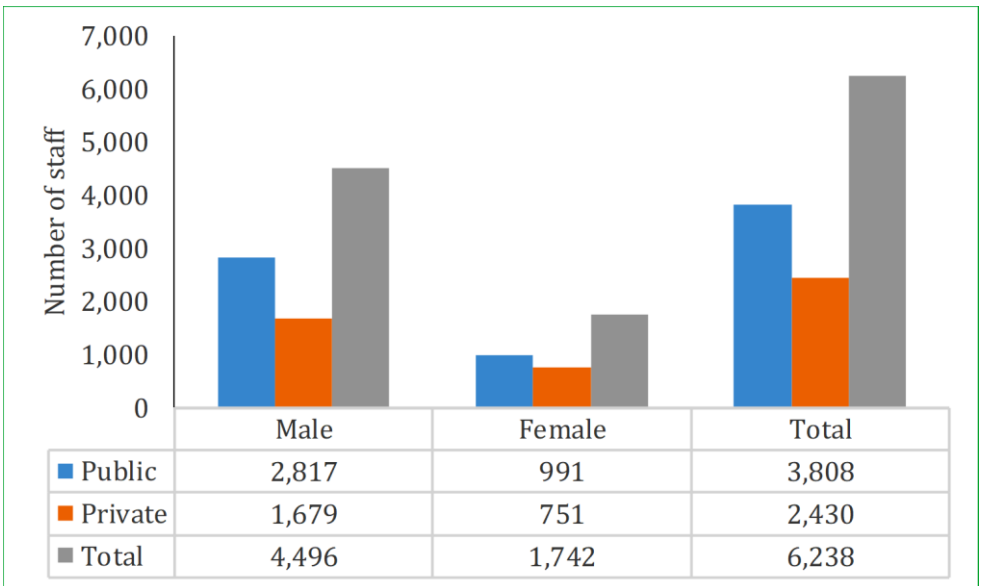


Figure 35: Academic staff in university institutions by ownership and gender, 2019

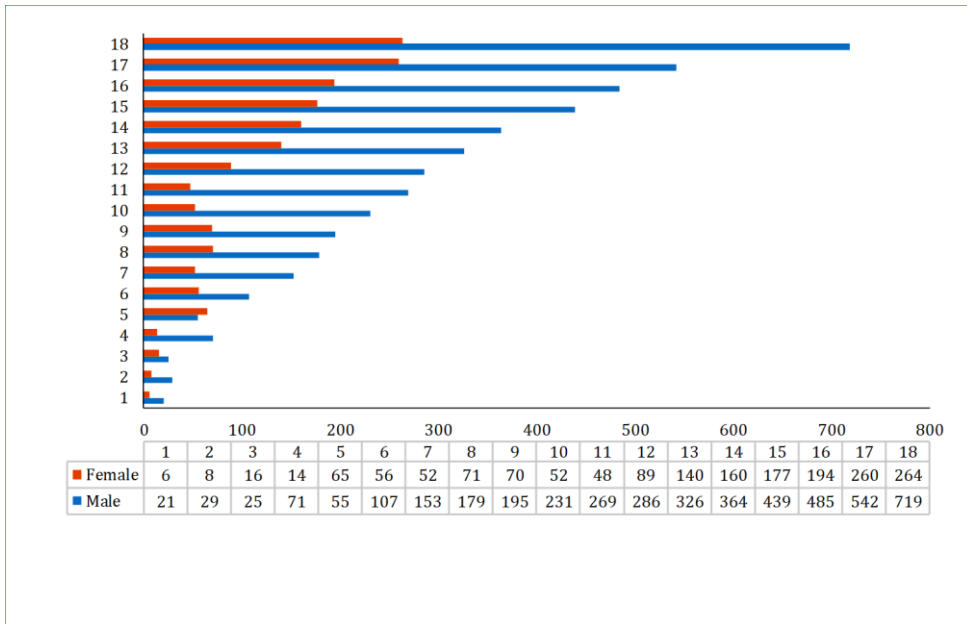


Figure 36: Academic staff by field of education and gender, 2019

Key to the numbers:

- 1: Architecture and Planning
- 2: Journalism, Media Studies and Mass Communication
- 3: Tourism and Hospitality Studies
- 4: Mining and Earth Sciences
- 5: Library, Archives and Museum Studies
- 6: Life Sciences
- 7: Laws
- 8: Environmental Science or Studies and Forestry
- 9: Agriculture
- 10: Physical Sciences and Mathematics
- 11: Engineering
- 12: Information and Communication Technology
- 13: Business
- 14: Education
- 15: Humanities and Arts
- 16: Social Sciences
- 17: Medicine and Health Sciences
- 18: Not stated

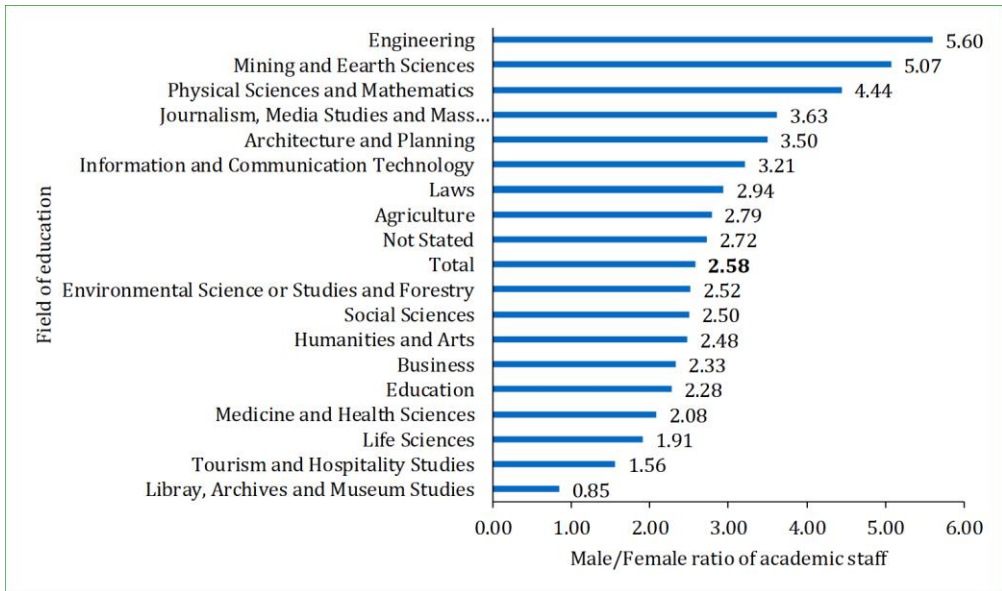


Figure 37: Male/Female ratio of academic staff by field of education, 2019

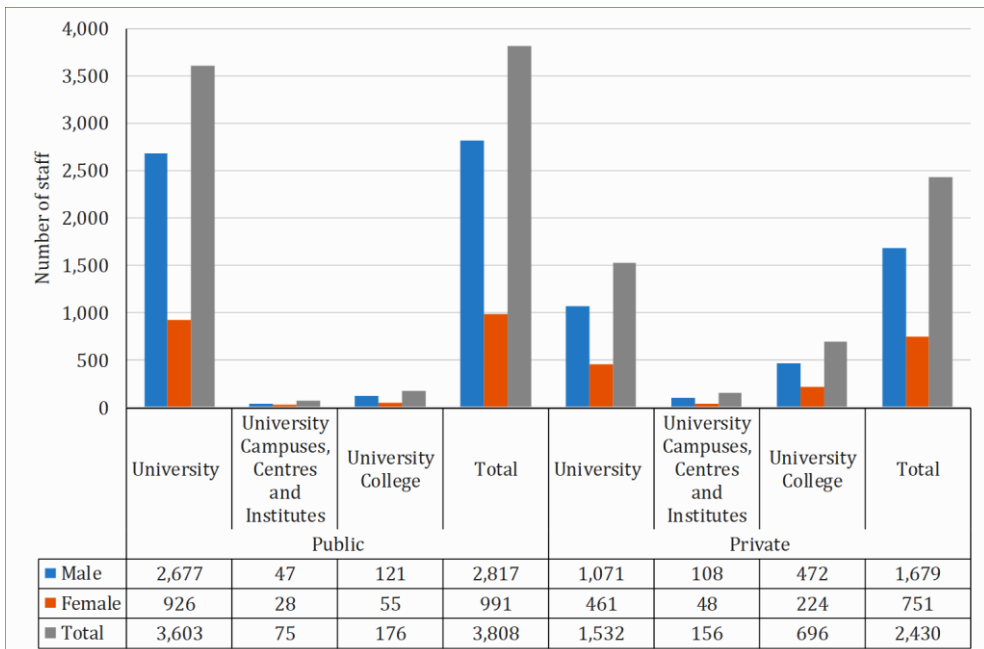


Figure 38: Academic staff by ownership of institution, type of institution and gender, 2019

APPENDICES

Appendix 1: List of approved university institutions in the United Republic of Tanzania as of 20th January 2020

1: FULL-FLEDGED UNIVERSITIES

1A: Public Universities

SN	Name of University	Approved Acronym	Head Office
1	Ardhi University	ARU	Dar es Salaam
2	Mbeya University of Science and Technology	MUST	Mbeya
3	Moshi Cooperative University	MoCU	Kilimanjaro
4	Muhimbili University of Health and Allied Sciences	MUHAS	Dar es Salaam
5	Mwalimu Julius K. Nyerere University of Agriculture and Technology	MJNUAT	Musoma
6	Mzumbe University	MU	Morogoro
7	Nelson Mandela African Institution of Science and Technology	NMAIST	Arusha
8	Open University of Tanzania	OUT	Dar es Salaam
9	Sokoine University of Agriculture	SUA	Morogoro
10	State University of Zanzibar	SUZA	Zanzibar
11	University of Dar es salaam	UDSM	Dar es Salaam
12	University of Dodoma	UDOM	Dodoma

1B: Private Universities

SN	Name of the Institution	Approved Acronym	Head Office
1	AbdulRahman Al-Sumait Memorial University	SUMAIT	Zanzibar
2	Aga Khan University	AKU	Dar es Salaam
3	Catholic University of Health and Allied Sciences	CUHAS	Mwanza
4	Hubert Kairuki Memorial University	HKMU	Dar es Salaam
5	Kampala International University in Tanzania	KIUT	Dar es Salaam
6	Muslim University of Morogoro	MUM	Morogoro
7	Mwenge Catholic University	MWECAU	Kilimanjaro
8	Ruaha Catholic University	RUCU	Iringa
9	Sebastian Kolowa Memorial University	SEKOMU	Tanga
10	St. Augustine University of Tanzania	SAUT	Mwanza
11	St. John's University of Tanzania	SJUT	Dodoma
12	St. Joseph University in Tanzania	SJUIT	Dar es Salaam
13	Teofilo Kisanji University	TEKU	Mbeya
14	Tumaini University Makumira	TUMA	Arusha
15	United African University of Tanzania	UAUT	Dar es Salaam
16	University of Arusha	UoA	Arusha
17	University of Iringa	UoI	Iringa
18	Zanzibar University	ZU	Zanzibar

2: UNIVERSITY COLLEGES**2A: Public University Colleges**

SN	Name of the Institution	Approved Acronym	Affiliation	Head Office
1	Dar es Salaam University College of Education	DUCE	University College under UDSM	Dar es Salaam
2	Mbeya College of Health and Allied Sciences	MCHAS	Campus College under UDSM	Mbeya
3	Mbeya University of Science and Technology Rukwa Campus College	MUST-RC	Campus College under MUST	Rukwa
4	Mkwawa University College of Education	MUCE	University College under UDSM	Iringa

2B: Private University College

SN	Name of the Institution	Approved Acronym	Affiliation	Head Office
1	Archbishop Mihayo University College of Tabora	AMUCTA	University College under SAUT	Tabora
2	Jordan University College	JUCo	University College under SAUT	Morogoro
3	Kilimanjaro Christian Medical University College	KCMUCo	University College under TUMA	Kilimanjaro
4	Marian University College	MARUCo	University College under SAUT	Coast

SN	Name of the Institution	Approved Acronym	Affiliation	Head Office
5	St. Francis University College of Health and Allied Sciences	SFUCHAS	University College under SAUT	Morogoro
6	St. Joseph University College of Health and Allied Sciences	SJUCHAS	University College under SJUIT	Dar es Salaam
7	Stefano Moshi Memorial University College	SMMUCo	University College under TUMA	Kilimanjaro
8	Stella Maris Mtwara University College	STeMMUCo	University College under SAUT	Mtwara
9	Tumaini University Dar es Salaam College	TUDARCo	University College under TUMA	Dar es Salaam

3: PUBLIC UNIVERSITY CAMPUSES, CENTRES AND INSTITUTES

3A: Public University Campuses, Centres and Institutes

SN	Name of the Institution	Approved Acronym	Affiliation	Head Office
1	Institute of Marine Sciences	IMS	University institute under UDSM	Zanzibar
2	Mzumbe University Dar es Salaam Campus	Pending	University Campus under MU	Dar es Salaam
3	Mzumbe University Mbeya Campus	Pending	University Campus under MU	Mbeya

3B: Private University Campuses, Centres and Institutes

SN	Name of the Institution	Approved Acronym	Affiliation	Head Office
1	St. Augustine University of Tanzania Arusha Centre	Pending	University Centre under SAUT	Arusha
2	St. Augustine University of Tanzania Dar es Salaam Centre	Pending	University Centre under SAUT	Dar es Salaam
3	St. Augustine University of Tanzania Mbeya Centre	Pending	University Centre under SAUT	Mbeya
4	Stephano Moshi Memorial University College, Mwika Centre	Pending	University Centre under SMMUCo	Moshi

Appendix 2: Examples of clusters of programmes

SN	Cluster	Disciplines	Programmes
1	Agriculture	1.1 Aquaculture	1.1.1 Bachelor of Science in Aquaculture
			1.1.2 Bachelor of Science in Fisheries and Aquaculture
		1.2 Agronomy	1.2.1 Bachelor of Science in Agronomy
		1.3 Agriculture	1.3.1 Bachelor of Science in Agriculture General
			1.3.2 Bachelor of Technology in Agriculture
			1.3.3 Bachelor of Science in Agricultural Education
		1.4 Food Science and Technology	1.4.1 Bachelor of Science in Food Science and Technology
		1.5 Horticulture	1.5.1 Bachelor of Science in Horticulture
			1.5.2 Bachelor of Technology in Horticulture
		1.6 Human Nutrition	1.6.1 Bachelor of Science in Human Nutrition
2	Architecture and Planning	2.1 Architecture	2.1.1 Bachelor of Science in Architecture
			2.1.2 Bachelor of Science in Building Surveying
			2.1.3 Bachelor of Technology in Architecture
		2.2 Interior Design	2.2.1 Bachelor of Science in Interior Design
		2.3 Landscaping	2.3.1 Bachelor of Science in Landscape Architecture
		2.4 Building Economics	2.4.1 Bachelor of Science in Building Economics
		2.5 Planning	2.5.1 Bachelor of Science in Regional Development Planning
			2.5.2 Bachelor of Science in Urban and Regional Planning
			2.5.3 Bachelor of Science in Housing and Infrastructure Planning
			2.5.4 Bachelor of Rural Development
3	Business	3.1 Accounting (Accountancy)	3.1.1 Bachelor of Arts in Accounting and Finance
			3.1.2 Bachelor of Accounting in Local Government Accounting and Finance

SN	Cluster	Disciplines	Programmes
			3.1.3 Bachelor of Accounting in Business Accounting and Finance
			3.1.4 Bachelor of Accounting in Public Sector Accounting Finance and Investigation
			3.1.5 Bachelor of Accounting and Finance with Information Technology
			3.1.6 Bachelor of Accounting and Finance
			3.1.7 Bachelor of Accountancy
		3.2 Business Administration	3.2.1 Bachelor of Business Administration
			3.2.2 Bachelor of Business Administration (Accounting)
			3.2.3 Bachelor of Business Administration (Finance and Banking)
			3.2.4 Bachelor of Business Administration (Human Resources Management)
			3.2.5 Bachelor of Business Administration (Marketing Management)
			3.2.6 Bachelor of Business Administration (Supplies and Procurement Management)
			3.2.7 Bachelor of Business Administration (Accounting and Finance)
			3.2.8 Bachelor of Business Administration (Marketing)
			3.2.9 Bachelor of Business Administration (Entrepreneurship)
			3.2.10 Bachelor of Business Administration and Management
			3.2.11 Bachelor of Business Administration Entrepreneurship and Development
			3.2.12 Bachelor of Business Administration in Procurement and Logistic Management
			3.2.13 Bachelor of Health Systems Management

SN	Cluster	Disciplines	Programmes
			3.2.14 Bachelor of Science in Production and Operation Management
			3.2.15 Bachelor of Business Administration with Education
			3.2.16 Bachelor of Business Administration (Accounting)
			3.2.17 Bachelor of Business Administration (Finance)
			3.2.18 Bachelor of Business Administration (Human Resource Management)
			3.2.19 Bachelor of Business Administration (International Business)
			3.2.20 Bachelor of Science in Agricultural Economics and Agribusiness
			3.2.21 Bachelor of Business Studies
			3.2.22 Bachelor of Business Administration with Education
			3.2.23 Bachelor of Business Administration in Accounting
			3.2.24 Bachelor of Business Administration in Management
			3.2.25 Bachelor of Business Administration in Office Administration & Human Resource Management
			3.2.26 Bachelor of Business Administration in Accounting with Education
			3.2.27 Bachelor of Business Administration in Accounting
		3.3 Commerce	3.3.1 Bachelor of Commerce
			3.3.2 Bachelor of Commerce with Education
			3.3.3 Bachelor of Commerce and Accounts
			3.3.4 Bachelor of Commerce in Accounting
			3.3.5 Bachelor of Commerce in Banking and Financial Services
			3.3.6 Bachelor of Commerce in Finance

SN	Cluster	Disciplines	Programmes
			3.3.7 Bachelor of Commerce in Human Resources Management
			3.3.8 Bachelor of Commerce in Marketing
			3.3.9 Bachelor of Commerce in Tourism and Hospitality Management
			3.3.10 Bachelor of Commerce in Human Resource Management
			3.3.11 Bachelor of Commerce in Small Business Entrepreneurship
			3.3.12 Bachelor of Commerce in International Business
			3.3.13 Bachelor of Commerce in Tourism and Hospitality Management
			3.3.14 Bachelor of Commerce in Procurement Management
			3.3.15 Bachelor of Commerce in Information Management
		3.4 Marketing	3.4.1 Bachelor of Marketing Management
			3.4.2 Bachelor of Arts in Marketing and Entrepreneurship
		3.5 Human Resource Management	3.5.1 Bachelor of Human Resources Management
			3.5.2 Bachelor of Arts in Human Resources Management
			3.5.3 Bachelor of Human Resources Management
		3.6 Materials Management	3.6.1 Bachelor of Purchasing and Supplies Management
			3.6.2 Bachelor of Supplies and Procurement Management
			3.6.3 B.Sc. in Procurement and Supply Chain Management
			3.6.4 Bachelor of Arts in Procurement and Supply Management
		3.7 Entrepreneurship	3.7.1 Bachelor of Entrepreneurship
		3.8 Real Estate Management	3.8.1 Bachelor of Science in Property and Facilities Management
			3.8.2 Bachelor of Science in Real Estate (Finance and Investment)

SN	Cluster	Disciplines	Programmes
			3.8.3 Bachelor of Science in Land Management and Valuation
4	Education	4.1 Adult Education	4.1.1 Bachelor of Education in Adult and Community Education
			4.1.2 Bachelor of Education in Adult Education and Community Development
		4.2 Guidance and Counselling	4.2.1 Bachelor of Counseling
			4.2.2 Bachelor of Guidance and Counseling
			4.2.3 Bachelor of Education Counseling Psychology
			4.2.4 Bachelor of Education in Guidance and Counseling
		4.3 Education	4.3.1 Bachelor of Education in Arts
			4.3.2 Bachelor of Education in Science
			4.3.3 Bachelor of Education
			4.3.4 Bachelor of Education in English
			4.3.5 Bachelor of Education in Geography
			4.3.6 Bachelor of Education in History
			4.3.7 Bachelor of Education in Information Communication Technology
			4.3.8 Bachelor of Education in Mathematics
			4.3.9 Bachelor of Education in Religious Education
		4.4 Distance Education	4.4.1 Bachelor of Education in Adult and Distance Learning
		4.5 Early Childhood Education	4.5.1 Bachelor of Education in Early Childhood Education
			4.5.2 Bachelor of Arts in Holistic Child Development
		4.6 Education Management	4.6.1 Bachelor of Education in Educational Policy and Management
			4.6.2 Bachelor of Education in Management and Administration
			4.6.3 Bachelor of Education in Policy, Planning and Management
4.7 Education Psychology	4.7.1 Bachelor of Education in Psychology		

SN	Cluster	Disciplines	Programmes
		4.8 Physical Education and Sports	4.9.1 Bachelor of Education in Physical Education and Sport Sciences
		4.9 Special Education	4.9.2 Bachelor of Education Special Needs (Science Subjects)
			4.9.3 Bachelor of Education in Special Needs
			4.9.4 Bachelor of Education in Special Education
			4.9.5 Bachelor of Education Special Needs (Art Subjects)
			4.10 Subject Specific Pedagogy
		4.10.2 Bachelor of Science with Education	
		4.10.3 Bachelor of Education (Mathematics)	
		4.10.4 Bachelor of Education (Arts)	
		4.10.5 Bachelor of Education in Economics	
		4.10.6 Bachelor of Education in Commerce and Accountancy	
		4.10.7 Bachelor of Education in Economics and Mathematics	
		4.10.8 Bachelor of Science with Education (Geography and Mathematics)	
		4.10.9 Bachelor of Science Education (Geography and Mathematics)	
		4.10.10 Bachelor of Philosophy with Education	
		4.10.11 Bachelor of Education in Languages	
		4.10.12 Bachelor of Education in Mathematics	
		4.10.13 Bachelor of Education in Commerce	
		4.11 Teacher Education	4.11.1 Bachelor of Education Teacher Educator
		5	Engineering
5.1.2 Bachelor of Science in Irrigation and Water Resource Engineering			
5.1.3 Bachelor of Science in Irrigation & Water Resource Engineering			
5.1.4 Bachelor of Technology in Agricultural Engineering			
5.1.5 Bachelor of Technology in Food Processing Engineering			

SN	Cluster	Disciplines	Programmes
		5.1 Civil Engineering	5.2.1 Bachelor of Science in Construction Management
			5.2.2 Bachelor of Science in Civil Engineering
			5.2.3 Bachelor of Civil Engineering
			5.2.4 Bachelor of Science in Engineering Geology
			5.2.5 Bachelor of Science in Civil Engineering
			5.2.6 Bachelor of Civil Engineering
		5.2 Chemical and Process Engineering	5.3.1 Bachelor of Science in Chemical and Processing Engineering
		5.3 Electrical Engineering	5.4.1 Bachelor of Computer Engineering
			5.4.2 Bachelor of Electrical and Electronics Engineering
			5.4.3 Bachelor of Science in Electrical Engineering
			5.4.4 Bachelor of Electrical and Electronics Engineering
		5.4 Environmental Engineering	5.5.1 Bachelor of Science in Environmental Engineering
			5.5.2 Bachelor of Science in Environmental Laboratory Science Technology
		5.5 Mechanical Engineering	5.6.1 Bachelor of Science in Municipal and Industrial Services Engineering
			5.6.2 Bachelor of Mechanical Engineering
			5.6.3 Bachelor of Science in Mechanical Engineering
			5.6.4 Bachelor of Science in Industrial Engineering
			5.6.5 Bachelor of Mechanical Engineering
		5.6 Textile Engineering	5.7.1 Bachelor of Science in Textile Design and Technology
			5.7.2 Bachelor of Science in Textile Engineering
6 Environmental Science or Studies and Forestry	6.1 Environmental Science	6.1.1 Bachelor of Science in Environmental Science and Management	
		6.1.2 Bachelor of Science in Environmental Health Sciences	
		6.1.3 Bachelor of Environmental Health Sciences with Information Technology	

SN	Cluster	Disciplines	Programmes
			6.1.4 Bachelor of Science in Environmental Science and Management
			6.1.5 Bachelor of Science in Aquatic Environmental Sciences and Conservation
		6.2 Environmental Studies	6.2.1 Bachelor of Science in Environmental Studies
			6.2.2 Bachelor of Art in Geography and Environmental Studies
			6.2.3 Bachelor of Art in Geography and Environmental Studies
		6.3 Forestry	6.2.4 Bachelor of Science in Forestry
		6.4 Environmental Economics	6.2.5 Bachelor of Arts in Environmental Economics and Policy
6.5 Environmental Disaster Management	6.2.6 Bachelor of Arts in Environmental Disaster Management		
7	Humanities and Arts	7.1 African Studies	7.1.1 Bachelor of Arts in African Studies
		7.2 Archaeology	7.2.1 Bachelor of Arts in Archaeology
		7.3 English	7.3.1 Bachelor of Arts in English
		7.4 French	7.4.1 Bachelor of Arts in French
		7.5 General	7.5.1 Bachelor of Arts General
		7.6 History	7.6.1 Bachelor of Arts in History
		7.7 Literature	7.7.1 Bachelor of Arts in Literature
		7.8 Oriental Languages	7.8.1 Bachelor of Arts in Oriental Languages
		7.9 Kiswahili	7.9.1 Bachelor of Arts in Kiswahili
		7.10 Linguistics	7.10.1 Bachelor of Arts in Language Studies
			7.10.2 Bachelor of Arts in Languages
		7.11 Performing Arts	7.11.1 Bachelor of Arts in Fine and Performing Arts
			7.11.2 Bachelor of Arts in Theatre and Film
			7.11.3 Bachelor of Arts in Music
		7.12 Philosophy	7.12.1 Bachelor of Arts in Philosophy
7.12.2 Bachelor of Philosophy with Education			
7.12.3 Bachelor of Art in Philosophy			
7.12.4 Bachelor of Philosophy with Education			
7.13 Religious Studies	7.13.1 Bachelor of Arts in Religion		
7.14 Theology	7.14.1 Bachelor of Arts in Theology		
7.15 Visual Arts	7.15.1 Bachelor of Applied Theology		

SN	Cluster	Disciplines	Programmes
			7.15.2 Bachelor of Arts in Geography and Environmental Studies
			7.15.3 Bachelor of Arts in Theatre and Film
			7.15.4 Bachelor of Arts in Fine Arts and Design
8	Information and Communication Technology or Engineering	8.1 Computer Science	8.1.1 Bachelor of Computer Science
			8.1.2 Bachelor of Science in Computer Science Information System
			8.1.3 Bachelor of Science in Computer Science Software Engineering
			8.1.4 Bachelor Science in Computer Science
			8.1.5 Bachelor of Business Computing
			8.1.6 Bachelor of Science with Computer Science
			8.1.7 Bachelor of Science (ICT)
		8.2 ICT - Centric Engineering	8.2.1 Bachelor of Computer and Science Engineering
			8.2.2 Bachelor of Electronics and Communication Engineering
			8.2.3 Bachelor of Science in Computer Engineering and Information Technology
			8.2.4 Bachelor of Science in Computer Engineering and Information Technology
			8.2.5 Bachelor of Science in Telecommunications Engineering
			8.2.6 Bachelor of Science in Computer Engineering
			8.2.7 Bachelor of Science in Software Engineering
			8.2.8 Bachelor of Science in Computer Science Software Engineering
		8.3 Electronics	8.3.1 Bachelor of Science in Electronic Science and Communication
		8.4 Geoinformatics	8.4.1 Bachelor of Science in Geoinformatics
		8.5 Geolocation	8.5.1 Bachelor of Science in Geomatics
		8.6 Information Technology	8.6.1 Bachelor of Information Technology

SN	Cluster	Disciplines	Programmes
			8.6.2 Bachelor of Science in Business Communication & Information Technology
			8.6.3 Bachelor of Science in Information Communication Technology with Management
			8.6.4 Bachelor of Science in Information Technology Systems
			8.6.5 Bachelor of Science in Information Technology with Business
			8.6.6 Bachelor of Science Informatics
			8.6.7 Bachelor of Science in Information Communication Technology
			8.6.8 Bachelor of Science in Health Information Systems
			8.6.9 Bachelor of Science in ICT Mediated Content Development
			8.6.10 Bachelor of Science in Information Technology
			8.6.11 Bachelor of Information Technology
			8.6.12 Bachelor of Science in Information Technology
		8.7 Management Information Systems	8.7.1 Bachelor of Science in Information Systems Management
			8.7.2 Bachelor of Business Information Technology
			8.7.3 Bachelor of Science in Management Information Systems
			8.7.4 Bachelor of Information Management
			8.7.5 Bachelor of Science in Computer and Information Management
			8.7.6 Bachelor of Science in Business Information Systems
			8.7.7 BCOM in Management Science (Information Systems Mgt)
			8.7.8 Bachelor of Science in Computer Science Information System

SN	Cluster	Disciplines	Programmes
			8.7.9 Bachelor of Science in Information Systems
9	Journalism, Media Studies and Communication	9.1 Journalism	9.1.1 Bachelor of Arts in Journalism
		9.2 Mass Communication	9.2.1 Bachelor of Arts Mass Communication
			9.2.2 Bachelor of Science in Multimedia Technology & Animation
		9.3 Public Relation	9.3.1 Bachelor of Arts in Public Relations and Marketing
			9.3.2 Bachelor of Arts in Public Relations and Marketing
			9.3.3 Bachelor of Arts in Public Relations and Advertising
10	Law	10.1 Law	13.2.1 Bachelor of Law
11	Library, Archives and Museum Studies	11.1 Library and Information Studies	11.1.1 Bachelor of Arts in Library and Information Studies
12	Life Sciences	12.1 Biology	12.1.1 Bachelor of Science in Biology
			12.1.2 Bachelor of Science in Microbiology
			12.1.3 Bachelor of Science in Molecular Biology & Biotechnology
			12.1.4 Bachelor of Science in Biology
			12.1.5 Bachelor of Science in Biotechnology and Laboratory Sciences
		12.2 Botany	12.2.1 Bachelor of Science in Botanical Sciences
		12.3 Zoology	12.3.1 Bachelor of Science in Applied Zoology
13	Medicine and Health Sciences	13.1 Dentistry	13.1.1 Doctor of Dental Surgery
		13.2 Medical Laboratory Science	13.2.1 Bachelor of Medical Laboratory Sciences
			13.2.2 Bachelor of Sciences in Health Laboratory
			13.2.3 Bachelor of Medical Laboratory Sciences in Clinical Chemistry
			13.2.4 Bachelor of Medical Laboratory Sciences in Haematology and Blood Transfusion
			13.2.5 Bachelor of Medical Laboratory Sciences in Histotechnology
			13.2.6 Bachelor of Medical Laboratory Science in

SN	Cluster	Disciplines	Programmes		
			Microbiology and Immunology		
		13.2.7	Bachelor of Medical Laboratory Sciences in Parasitology and Medical Entomology		
		13.3	Medical Laboratory Technology	13.3.1 Bachelor of Science in Medical Laboratory Technology	
		13.4	Medicine	13.4.1	Doctor of Medicine
				13.4.2	Bachelor of Medicine and Bachelor of Surgery
		13.5	Mental Health and Rehabilitation	13.5.1	Bachelor of Science in Mental Health and Rehabilitation
		13.6	Midwifery	13.6.1	Bachelor of Science in Midwifery
		13.7	Nursing	13.7.1	Bachelor of Science in Nursing
				13.7.2	Bachelor of Nursing
				13.7.3	Bachelor of Science in Nursing- Midwifery
				13.7.4	Bachelor of Science in Nursing Education
		13.8	Pharmacy	13.8.1	Bachelor of Pharmacy
		13.9	Prosthetics and Orthotics	13.9.1	Bachelor of Science in Prosthetics and Orthotics
13.10	Physiotherapy	13.10.1	Bachelor of Science in Physiotherapy		
13.11	Radiation Therapy Technology	13.11.1	Bachelor of Science in Radiation Therapy Technology		
14	Mining and Earth Sciences	14.1	Earth Science	14.1.1	Bachelor of Science in Geology
				14.1.2	Bachelor of Science with Geology
				14.1.3	Bachelor of Science in Applied Geology
		14.2	Mining Centric Engineering	14.2.1	Bachelor of Science in Mining Engineering
				14.2.2	Bachelor of Science in Metallurgy and Mineral Processing Engineering
				14.2.3	Bachelor of Science in Mining Engineering
				14.2.4	Bachelor of Science in Petroleum Engineering
				14.2.5	Bachelor of Science in Mineral Processing Engineering
15	Physical Sciences and Mathematics	15.1	Chemistry	15.1.1	Bachelor of Science in Chemistry
				15.2.1	Bachelor of Science in Economics and Finance

SN	Cluster	Disciplines	Programmes		
			15.2.2 Bachelor of Science in Economic Population and Development		
		15.2 General	15.2.3 Bachelor of Science General		
			15.2.4 Bachelor of Science		
		15.3 Mathematics	15.3.1 Bachelor of Science in Mathematics and Statistics		
			15.3.2 Bachelor of Science in Mathematics		
		15.4 Physics	15.4.1 Bachelor of Science in Physics		
		15.5 Statistics	15.5.1 Bachelor of Science in Mathematics and Statistics		
			15.5.2 Bachelor of Science in Applied Statistics		
			15.5.3 Bachelor of Science in Actuarial Sciences		
			15.5.4 Bachelor of Arts in Statistics		
			15.5.5 Bachelor of Arts in Economics and Statistics		
		16	Social Sciences	16.1 Business Administration	16.1.1 Bachelor of Arts in Business Administration
				16.2 Community Development	16.2.1 Bachelor of Arts in Community Economic Development
					16.2.2 Bachelor of Arts in Community Development
					16.2.3 Bachelor of Arts in Community and Development Studies
16.3 Cooperative Management	16.3.1 Bachelor of Arts Cooperative Management Accounting				
16.4 Development Studies	16.4.1 Bachelor of Art in Development Studies				
	16.4.2 Bachelor of Development Studies				
16.5 Economics	16.5.1 Bachelor of Arts in Economics				
	16.5.2 Bachelor of Arts in Business Economics				
	16.5.3 Bachelor of Arts in Economics				
	16.5.4 Bachelor of Arts in Economics and Statistics				
	16.5.5 Bachelor of Arts in Economics and Sociology				
16.6 Conflict Resolution and Peace Building	16.6.1 Bachelor of Conflict Resolution and Peace Building				
16.7 Geography	16.7.1 Bachelor of Arts in Geography and Environmental Studies				
16.8 International Relations	16.8.1 Bachelor of Arts in International Relations				

SN	Cluster	Disciplines	Programmes
		16.9 Local Government Management	16.9.1 Bachelor of Local Government Management
		16.10 Microfinance and Enterprise Development	16.10.1 Bachelor of Arts in Microfinance and Enterprise Development
		16.11 Political Science and Public Administration	16.11.1 Bachelor of Public Administration
			16.11.2 Bachelor of Arts in Political Science and Public Administration
			16.11.3 Bachelor of Public Administration in Records and Archives Management
			16.11.4 Bachelor of Arts in Public Administration & Management
		16.12 Psychology	16.12.1 Bachelor of Arts in Psychology and Counselling
		16.13 Social Work	16.13.1 Bachelor of Social Work and Social Administration
			16.13.2 Bachelor of Arts in Sociology and Social Work
			16.13.3 Bachelor of Arts in Social Work
		16.14 Sociology	16.14.1 Bachelor of Arts in Sociology
			16.14.2 Bachelor of Arts in Economics and Sociology
		16.15 Theology	16.15.1 Bachelor Arts in Theology
16.16 Legal Studies	16.16.1 Bachelor Arts in Laws		
17	Tourism and Hospitality Studies	17.1 Eco-Tourism	17.1.1 Bachelor of Science in Eco-Tourism & Nature Conservation
		17.2 Heritage and Tourism	17.2.1 Bachelor of Arts in Cultural Anthropology & Tourism
			17.2.2 Bachelor of Arts in Heritage Management
			17.2.3 Bachelor of Arts in Tourism and Cultural Heritage
		17.3 Hospitality Management	17.3.1 Bachelor of Science in Hospitality & Tourism Management
			17.3.2 Bachelor of Tourism Management

Appendix 3: TCU publications for 2019

1. Undergraduate Admission Guidebook for 2019/2020 Academic Year (For Holders of Form Six Qualifications), 2019.
2. Undergraduate Admission Guidebook for 2019/2020 Academic Year (For Holders of Ordinary Diploma or Equivalent Qualifications), 2019.
3. Handbook for Standards and Guidelines for University Education in Tanzania, 2019.
4. Principles and Guidelines for Licensing Overseas Student Recruitment Agencies and Issuance of a No Objection Certificate, 2019.
5. Principles and Guidelines for Evaluation of Foreign Awards and Recognition of Qualifications, 2019.
6. State of University Education in Tanzania 2018, 2019.
7. TCU Magazine, Issue No. 1. July – December, 2019.