

Academic Year 2013 / 2014

THE UNITED AFRICAN UNIVERSITY
OF TANZANIA



UAUT

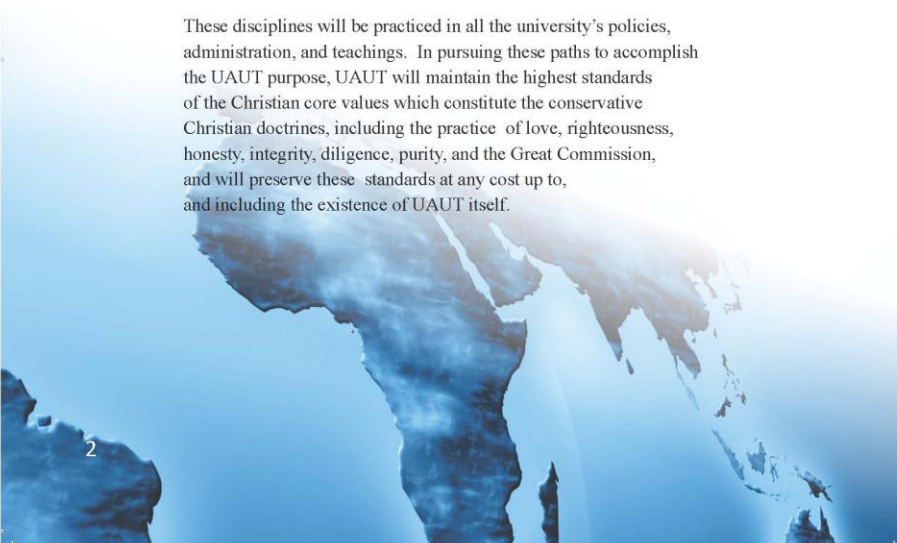
Spirit & Philosophy

The purpose of founding The United African University of Tanzania (UAUT) is to raise Tanzanian leaders who are equipped with excellence in wisdom, knowledge and Christian virtues. Our leaders will lead and serve Tanzania, Africa, and the world **with God's vision, confidence, courage, and great passion.**

They will be imbued with a love for the people of Tanzania, Africa, and the world, and graduate with a proven ability to accomplish the great mission of establishing Tanzania as the **light and salt of Africa and the world in the twenty-first century** and in the ages to come.

To accomplish this purpose, UAUT will abide by the following disciplines: excellence in the knowledge and practice of the **professional fields, faithful discipline of Christian values,** continual cooperation with other universities, governments, and both domestic and international institutions, and the promotion of a bold spirit for the coming future.

These disciplines will be practiced in all the university's policies, administration, and teachings. In pursuing these paths to accomplish the UAUT purpose, UAUT will maintain the highest standards of the Christian core values which constitute the conservative Christian doctrines, including the practice of love, righteousness, honesty, integrity, diligence, purity, and the Great Commission, and will preserve these standards at any cost up to, and including the existence of UAUT itself.



The United African University of Tanzania(UAUT) is a university that strives to love God, oneself, and country.

It is a university that will produce leaders with a bold spirit for the future. UAUT has embarked on her historic voyage and started first semester in Kigamboni in 2012.



There is no better decision to start your academic career with the UAUT. It will be a decision that will change your life.

UAUT is to raise future leaders of Tanzania who are equipped with excellence in wisdom, knowledge and Christian virtues. UAUT is a progressive and forward looking educational institution, a place where the students can eagerly endeavor to make their dreams come true.

At UAUT, prospective young students are actively involved in planning their life goals and realizing their dreams.

Those with unique ideas and inquiring minds have the opportunity to exercise and apply their talents here.

In the future, the UAUT Venture Center (Academy & Industry Cooperation Center) will be created in order to help especially promising and eager students to start their own businesses. Life is a challenge and fortune favors the bold. Would you like to realize your goals at UAUT?

If so, don't hesitate and enroll in UAUT's new academic class.

Professor Sung Keun Chang, Ph.D.

Vice Chancellor

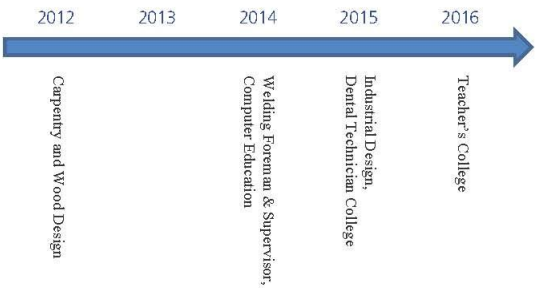
A handwritten signature in black ink, appearing to read 'Sung Keun Chang', positioned to the right of the printed name and title.



○ Development Plan of Degree and Research Programs



○ Development Plan of Diploma/Certificate Programs



Programs and Application conditions (TCU Admission Guide Book Page 189)

The United African University of Tanzania (UAUT) (Conventional Programmes)										
S/N	Programme	Code	Admission requirements: Form VI	Admission requirements: Diploma/Teacher Education or NTA Level 6)	Minimum Institutional Admission Points: From VI	Admission Capacity	Programme Duration(Yrs)	Tuition Fee	Maximum Loan Amount	Loan Priority
1	Bachelor of Science in Computer Engineering and Technology	UN001	Two principal passes in Physics and Mathematics. Those with four principal passes in Physics and Mathematics have a subsidiary pass or credit at O-Level.	Diploma in Computer Science OR Information Technology with Secondary OR Credit OR B Average	2.5 from 3 subjects	30(10)	4	TZS 2,500,000		Priority
2	Bachelor of Business Administration	UN002	A pass in Mathematics at A-Level (subsidiary pass or better) or grade C in Mathematics at O-Level.	Diploma in Business Administration with Second Class OR Credit OR B Average	5.0 from 3 subjects	30(10)	3	TZS 2,500,000		Non Priority

(10): Number of Tuition fee exemption scholarship given to top 10 students on the basis of ACSEE(UN001: Adv Math+Physics+Chemistry, UN002: Mathematics+Economics / Geography + History)

Educational Features of UAUT



Present

With
Globally Recruited Professors +
Internship in a Foreign Country

Global leaders
with Compassion

Industry Oriented Education
Students Centered Education
Christian Virtue Education

Scholarship Programs

1. FIRST YEAR STUDENTS

- A. Tuition Fee Exemption Scholarship
 - Top 10 students of College of Engineering and Technology(CoET)
 - Top 10 students of College of Business Administration(CoBA)
 - CoET: the sum of Adv Math, Physics and Chemistry of ACSEE result
 - CoBA: the sum of Math, Econ/Geo and His of ACSEE results
- B. Leadership Scholarship by Recommendation for the Tuition Fee Exemption
 - Member of Parliament of Kigamboni: One student
 - Temeke District Commissioner: One student
 - Association of Korean Missionaries in Tanzania: One Student
 - The recommended applicant should meet the followings:
 - ACSEE in this year
 - Admission Requirements: Form VI
 - Minimum institutional admission points.
- C. Work-Study Scholarship: 5 Students
 - *All scholarship awardees are required to maintain the academic record above 3.0 GPA

2. SECOND YEAR STUDENTS AND ABOVE

- A. Academic **Excellence** Scholarship and Work-Study Scholarship
- B. 6-Month Internship in Foreign Countries (Mainly Korea)

Education Medium

Lecture and Lecture Note: PPT file, Cyber Space
Tutorials: 30 Students per Class
Practicum / Practical
2-3 Students per Group, Modern Equipment and Method

Curriculum of First Year

1. Bachelor of Science in Computer Engineering & Information Technology

Code	Course Title	Units	Semester	Core/Option
CL 111	Communication Skills for Engineers	2.0E	1	Core
CS171	Introduction to Computer and Programming in Pascal	2.0E	1	Core
DS 101	Development Perspectives I	3.0E	1	Core
PD 100	Engineering Drawing	2.5	1	Core
SD 105	Statics	3.0E	1	Core
MT 161	Matrices and Basic Calculus for Non-Majors	3.0E	1	Core
DP171	Fundamentals of Electrical Engineering I	1.0E	1	Core
EG 110	Workshop Training I	3.0	1	Core
UA 101	Chapel	0	1	Core
UC 101	Christian Ethics	1.0	1	Core
UL 111	Korean Language	1.0	1	Core
UL 121	Chinese Language	1.0	1	Core
UL 131	French Language	1.0	1	Core
UT 101	Taekwondo	1.0	1	Core
MG 120	Introduction to Entrepreneurship	1.0	2	Core
DS 102	Development Perspective II	3.0E	2	Core
MT 171	One Variable Calculus & Diff Equation for Non Majors	3.0E	2	Core
CS 172	Computer Programming in Pascal	2.0E	2	Core
DP 172	Fundamentals of Electrical Engineering II	1.0E	2	Core
EG 111	Workshop Training II	3.0	2	Core
ME 106	Strength of Materials I	2.0E	2	Core
TE 171	Introduction to Electronics Engineering	3.0E	2	Core
UA 102	Chapel	0	2	Core
UC 102	Christian Ethics	1.0	2	Core
UL 112	Korean Language	1.0	2	Core
UL 122	Chinese Language	1.0	2	Core
UL 132	French Language	1.0	2	Core
UT 102	Taekwondo	1.0	2	Core

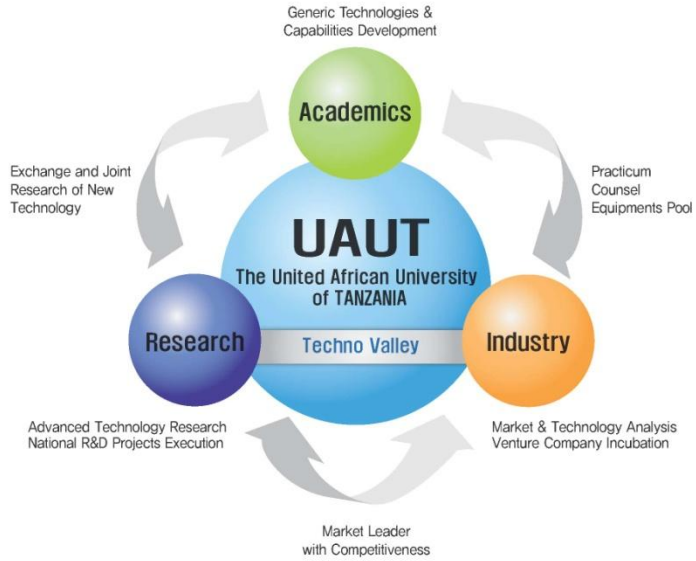
2. Bachelor of Business Administration

Code	Course Title	Units	Year	Semester
First Semester				
DS101	Development Perspectives I	3	1	1
FN100	Principles of Microeconomic Analysis	3	1	1
IM102	Business Mathematics	3	1	1
IM100	Introduction to Information and Communications Technology	3	1	1
AC100	Principles of Accounting I	3	1	1
MK100	Introduction to Business	3	1	1
UA 101	Chapel	0	1	1
UC 101	Christian Ethics	1	1	1
UL 111	Korean Language	1	1	1
UL 121	Chinese language	1	1	1
UL 131	French language	1	1	1
UT101	Taekwondo	1	1	1
Total for First Semester		21		
Second Semester				
GM100	Principles and Practice of Management	3	1	2
FN101	Principles of Macroeconomics Analysis	3	1	2
AC101	Principles of Accounting II	3	1	2
MK101	Principles of Marketing	3	1	2
DS102	Development Perspectives II	3	1	2
CL108	Business Communication	3	1	2
UA 102	Chapel	0	1	2
UC 102	Christian Ethics	1	1	2
UL 112	Korean Language	1	1	2
UL 122	Chinese language	1	1	2
UL 112	French language	1	1	2
UT102	Taekwondo	1	1	2
Total for Second Semester		21		
Total for First Year		42		

Campus Activities



Academy & Industry Cooperation



Local Contribution by UAUT

Local Employment

Electricity Availability :
Solar Energy and Wind Power Energy

Hygiene Improvement :
University Dispensary, Water Treatment

UAUT Techno Valley in Future

○5 Core Growth Engines

- Renewable Energy Zone
- Creative Value R&D Zone
- Bio Technology R&D Zone
- Advanced Material Zone
- Manufacturing Industry Zone

○UAUT Techno Valley Plans

- Recruiting on the Spot
- Tax- Free Export Zone
- Advanced High Technology Companies
- Partnerships with International Research Groups



Future Image of Techno-Valley

R&D Institute

A renewable resource is a natural resource with the ability of being replaced through biological or other natural processes and replenished with the passage of time. Renewable resources are part of our natural environment and form our eco-system.

1. Wind Energy Institute

The Wind and Solar Energy Institutes are the professional bodies for the energy industry, delivering clean energy source and can support across the African countries.



<Future Image>

2. Advanced Mineral/Germs & Jewelry Institute



Abundant with mineral resources, Tanzania has excellent chances of adding values to minerals such as gemstone cutting industry and goldsmiths and jewelry designs.



3. Water Institute

Water and sanitation problems in the communities are the common challenges in the developing world. Increased sustainable access to clean water supply and sanitation need more researches and finances.



4. Institute of Disease Control for East Africa



Diseases of high endemicity related to under-nutrition in Tanzania include malaria, respiratory infections, diarrhea and AIDS.

5. Information Technology Institute

The Information Technology Institute will be established by 2014 and provide specialized software development programs for the graduates of UAUT, as well as professional training programs and IT courses for the Tanzanian government, ministries, and local decision support centers.



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Certificate/Diploma Programs

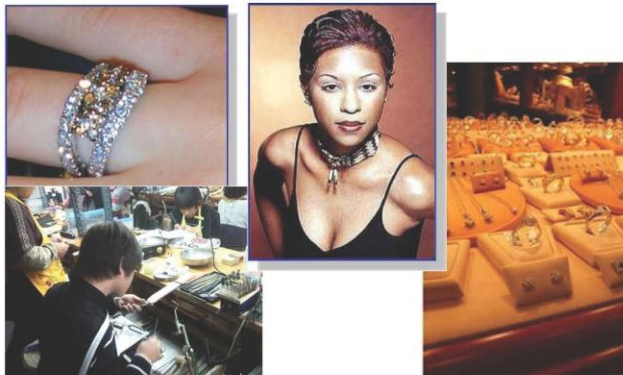
Vocational training schools offer training in careers that require practical expertise. This includes specific trades such as carpentry, electricity, welding, or mechanics, or more general education geared to the retail or beauty industry. Now, however, more and more vocational schools are now offering courses to cover information technology and the tourism industry. Other careers that are typical at a vocational school include professional lock smithing, floral designing, and motorcycle repair technology.

1. Carpentry and Wood Design Program



2. Jewelry Design Program

Job Creation and Value Addition through Primary Processing and Design Process



3. Welding Foreman / Supervisor Program



Long-run development in Tanzania requires significant improvements of welding technology both in basic education and in technical skills in all sectors of the economy .

Welding is one of cutting-edge technologies in the industry.





Why not change Africa?
We can do it!



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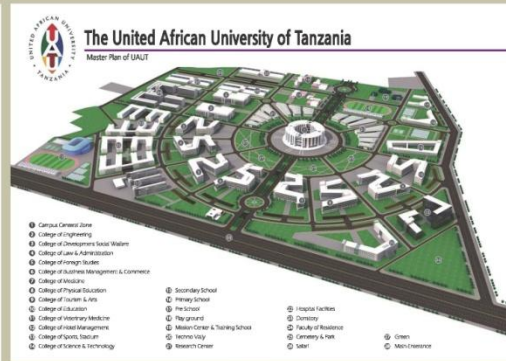
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Purpose

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UAUT



The United African University of Tanzania



The First united University in Africa

The Globally diverse University in Africa

The Best Quality University in Africa

Colleges

The College of Engineering and Technology

- * Department of Computer Engineering and Information Technology

College of Business Administration

- * Specialization of Human Resources Management
- * Specialization of Marketing
- * Specialization of Accounting

[Colleges in future]

College of Liberal Arts & Sciences

- * Department of Languages

College of Biotechnology

- * Department of Biotechnology

College of Pharmacy

- * Department of Pharmacy



Academy-Industry Cooperation

UAUT opens its courses in accordance with what is urgently needed in both Tanzanian and African countries' society. UAUT will subsequently establish the "Educational-Industrial Cooperation Center" in the campus to connect and develop both sides efficiently. And UAUT will establish a Kibada Techno Valley for Tanzanian economic development from this Educational-Industrial Cooperation Center.



Global Networking System

The students will be exposed to a "global" experience through working with their international teammates on different projects. Furthermore, UAUT students will be sent on mandatory exchange or visiting programs to Korea, United States, and European countries.

During the same period, students will become experts in the regions and companies by taking numerous electives. This program also will allow students to experience the world through practical experience such as internships and case competitions.

Wind Energy Institute

Information Technology Institute

Water Institute

Institute of Disease Control for East Africa

Advanced Mineral/Gems & Jewelry Institute

