

ERNEST COOK ULTRASOUND RESEARCH AND EDUCATION INSTITUTE (ECUREI)

A WORLD FEDERATION FOR ULTRASOUND MEDICINE AND BIOLOGY (WFUMB) TRAINING CENTRE OF EXCELLENCE

Ernest Cook Ultrasound Research and Education Institute (ECUREI) was launched by His Excellency the President of Uganda on 20th June 2002.

Vision: A practical example of excellence in Health Care Training, Research and Service Delivery

Mission: ECUREI is dedicated to providing outstanding health care training and quality evidence base medical service on the African continent.

ECUREI is Africa's only world Federation for Ultrasound in Medicine and Biology (WFUMB) Centre of excellence (COE) for ultrasound training.

WFUMB is WHO body overseeing Ultrasound applications in Human Medicine In the world. ECUREI stands tall as the leading Ultrasound Training Institution in Uganda and the African continent.



Today, **ECUREI** stands tall as the leading Ultrasound Training Institution in Uganda and the African continent. This unique Institution is located in Mengo Hospital with several annexes within the Mengo locality as a result of rapid growth. ECUREI is a training centre for Medical imaging courses and other health related courses.

ECUREI has trained and boasts of a wide range of student clientele including international students from countries like Zambia, Namibia, Nigeria, Ghana, Congo, Netherlands, India, Uk, Malawi, Somalia, Yemen, Cuba, Sudan, Zimbabwe plus the East African countries Kenya, Tanzania, Rwanda, and Burundi.

ACCREDITATION AND AFFILIATIONS

ECUREI is accredited as "Other Degree Awarding Institution" by the National Council for Higher Education (NCHE) and is affiliated to Thomas Jefferson University (JUREI) Philadelphia U.S.A. with whom they offer training leading to the award.



L-R Profkiguli, Prof Barry Goldberg and Prof Michael Kawooya and Prof Heruy Kasozi. All key Founders of ECUREI

ECUREI together with its affiliates successfully developed & implemented the new concept of "Student Centered learning" away from the traditional methods of teaching.

ECUREI has the intellectual and physical resources and environment to carry out successful training of your child.

NEW PHYSICS BRIDGING COURSE AT ECUREI

What is a bridging course?

This is a tailored short intensive course designed for applicants who may not fully qualify for direct admission to our programs but have either not passed well, or for some reason did not choose the required subject combination and are therefore missing one subject required for admission to the program.

In Response to the above,

ECUREI is offering a new National Council For Higher Education (NCHE) **accredited physics bridging course** to enable those students who performed well with a principle pass in biology but did not take physics or those who passed other relevant science subjects but failed physics at A 'level. **NB All applicants for this course must have passed physics at O'Level.**

Completion of this **6 months course** which introduces students to fundamental physics concepts relevant and essential in understanding physics of imaging, qualifies applicants for admissions to degree in medical imaging and biomedical engineering

Why Bridging Course?

Today, and due to lack of sufficient career guidance, children have taken on many new science combinations at A level such as

biology, chemistry and mathematics (BCM) and do not have Physics. This has caused these students to miss out on important medical courses like those offered at ECUREI.

The ECUREI programs for Medical Imaging and Biomedical Engineering have **assumed knowledge** which are subjects we expect the student to have studied before they begin these courses.

The Bachelors in Medical Imaging, applicants are expected to have A 'level knowledge and therefore principal passes in both Biology and Physics. If you don't have these two principal passes you will normally be excluded from the course. However the new Physic bridging course offers a lifeline to those that might have been good in the subject but for some unfortunate reason not be able to get the required principal pass in physics. OR those that might have done a combination at A'level which excluded physics but yet have done this subject well at O'level and also attained the essential principal pass in Biology.

Our physics bridging course runs for 6 months, just before the beginning of emester one in August. This enables applicants to join the direct entrants for semester one

We recommend that you take the bridging course if you wish to start studying in one of our programs and you do not have the assumed knowledge and principle pass in physics. It is also an excellent refresher if you are returning to study.

THE ACADEMIC REGISTRAR INVITES APPLICATIONS FOR THE FOLLOWING PROGRAMS OFFERED AT ECUREI

PROGRAM	REQUIREMENTS
Bachelors degree of Diagnostic Ultrasound (BDU)3Yrs	2 principal passes (biology/physics), Diploma in Medical Radiography or equivalent, Diploma in Ultrasound + a health qualification like nursing, midwifery.
Bachelors degree of Medical Imaging (BMI) 4Yrs	2 principal passes(biology, physics and the relevant subject of one better done of chemistry and mathematics, diploma holders of radiography)
Bachelors degree of Physiotherapy (BPT)4Yrs	Essential subjects are biology, physics, chemistry, diploma holders in physiotherapy or other related discipline.
Ordinary Diploma in Diagnostic Ultrasound(ODU) 6Mths	Registered healthcare professionals (medical officers, clinical officers, radiographers, registered nurses)
Diploma in Biomedical Engineering (DBE)3Years	2 principal passes (physics, mathematics, biology), certificate/diploma in relevant field.



Biomedical Engineering Students use a state of the art lab simulator in the Engineering workshop



One of ECUREI's teaching blocks which also houses a 1.5 Tesla MRI Scanner

EXCELLENCE IS OR GOAL

Apply for Vacancies at: Email: ecurei@ecurei.com ecurei2000@gmail.com Mengo Hospital (Albert Cook building) P.O.BOX 7161 KAMPALA Tel: 0414 273394/ 0751855856