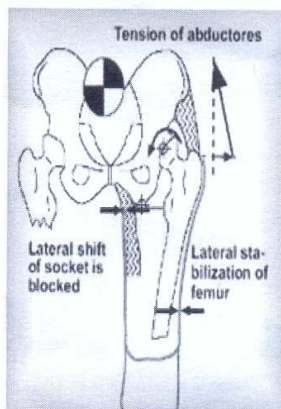
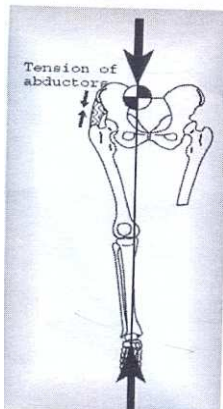


Course fees

Fees*/year (US\$)	1st	2nd	3rd	4th
Regist/Applicat/Id	100	-	-	-
Medical Capitation	110	110	110	110
Tuition	3,360	3,360	3,360	3,360
Technical Ortho Component/material	2,280	2,280	2,280	2,280
Exam	150	150	150	150
Books&Stationery	300	300	300	300
Faculty Seminar/Conferences	75	75	75	75
Fieldwork/Supervision	-	-	-	-
Accommodation	2,000	2,000	2,000	2,000
Meals&Pkt money	2,000	2,000	2,000	2,000
Students' Union	20	20	20	20
Resident Permit	250	-	250	-
Graduation	-	-	-	-
Research	-	-	-	1,000
Fieldwork/Supervision	-	-	700	-
Total (US \$)	10675	10295	11,245	11395

Fees for Tanzanian students can be found in the webpage: www.kcmuco.ac.tz

The course fees should be paid in US\$ or equivalent directly to the Bank and Account Number indicated on the letter of admission to the course. The yearly courses fees should be paid in total before the beginning of the course, or in 2 instalments by special arrangement.



Sponsorship

Several organisations offer study grants for the BSc in Prosthetics and Orthotics programme. Those intending to join the course should process their requests for grants in their own countries through the appropriate institutions, for example the Ministry of Health.

The following organisations are recommended as possible sponsors:

- ◇ Ministry of Health (MoH)
- ◇ Ministry of Science, Technology and Higher Education (MSTHE)
- ◇ International Committee of the Red Cross (ICRC)
- ◇ World Health Organisation (WHO)
- ◇ United States Agency for International Development (USAID) through the International Society for Prosthetics and Orthotics (ISPO)

Prospective students should consult country offices of the above organisations.

Other courses offered by the Faculty of Rehabilitation Medicine

B.Sc. in Physiotherapy (4 Years)

Diploma in Occupational Therapy (3 years)

Accommodation

Students can accommodate within or outside the college Campus.

Applications

Application dates:

- Applications should be submitted to the Dean of the Faculty of Rehabilitation Medicine by the 31st of March of the year of entry:

The Dean, Faculty of Rehabilitation Medicine
KCM-College, Tumaini University
P.O. Box 8690, Moshi, Tanzania
Tel: (+255) 27 27 53986/7
Fax: (+255) 27 27 52038
Email: tatcot@kilinetco.tz

- Candidates must confirm their place to the Dean of the Faculty of Rehabilitation Medicine in writing not later than 31st May of the year of the year of entry.

- Late applications will normally be considered for the following academic year.

TUMAINI UNIVERSITY MAKUMIRA

KILIMANJARO CHRISTIAN MEDICAL UNIVERSITY COLLEGE



B.Sc. Degree Programme in Prosthetics and Orthotics



The Dean

Faculty of Rehabilitation Medicine

Tumaini University Makumira

KCMU-College,

Tel: (+255) 27 27 53986/7

Fax: (+255) 272752038

Email: tatcot@kilinet.co.tz

Webpage: www.tatcot.org or

www.kcmucollege.ac.tz

Introduction:

The B.Sc. Degree in Prosthetics and Orthotics was established in 1999 in the premises of Tanzania Training centre for Orthopaedic Technologists TATCOT. Prosthetics and Orthotics course is under the Faculty of Rehabilitation Medicine in Kilimanjaro Christian Medical University College (KCMU- College), one of the constituent colleges of Tumaini University.

KCMU-College is located in Kilimanjaro Christian Medical Centre (KCMC) which is an institution of the Good Samaritan Foundation of the Evangelic Lutheran Church of Tanzania and is a consultant and referral medical centre for the Northern Zone of T-anzania.

KCMU-College is situated only 4Km from Moshi town centre, 55Km from Kilimanjaro International Airport (KIA) and 600 km from JK Nyerere International Airport, Dar es Salaam. There are reliable connections from these airports by taxi or by bus.



B.Sc. in Prosthetics and Orthotics

The B.Sc. In prosthetics and Orthotics is offered by the Faculty of Rehabilitation Medicine, Kilimanjaro Christian Medical University College (KCMU-College), Tumaini University Makumira. The course is intended to enrol students from Tanzania and other English speaking African countries as well as other interested countries.

The BSc in Prosthetics and Orthotics is composed of a broad range of theoretical and other subjects including physical and clinical assessment and examination of patients with neuromuscular and skeletal deficiencies. It also includes design of prosthetic and orthotic components as well as the prescription, fabrication, fitting and alignment of the full range of orthopaedic devices available. The clinical practice in the course includes the clinical examination and evaluation of individual patients in order to prescribe and deliver the appropriate prosthesis or orthosis to each individual.

The broad objectives of the BSc in Prosthetics and Orthotics are to provide the graduate with:

- ◆ A high level of competence in prosthetics and orthotics clinical practice.
- ◆ The practical skills and knowledge necessary to meet the needs of the disabled population.
- ◆ The knowledge and skills necessary to respond and adapt to the advances in science and technology in order to meet the demands of differing environmental, social ,cultural and economic conditions.
- ◆ The ability to develop designs and fabrication procedures for orthopaedic devices suitable for different types of physical disabilities.
- ◆ The motivation and capacity to carry out training and educational activities in technical orthopaedics.
- ◆ An understanding of professional ethics and an appreciation of the individual social, cultural, psychological and economic factors which may influence the process of rehabilitation.
- ◆ A clear concept of the role and responsibilities of the Prosthetist and Orthotist towards patients, colleagues and the clinical team.
- ◆ A good knowledge of managing, coordinating and supervising the activities of technical staff such as orthopaedic technologists, orthopaedic technicians, bench workers and other auxiliary staff.
- ◆ A detailed understanding of the management and delivery of the prosthetics and orthotics service.

The duration of the course for the BSc in Prosthetics and Orthotics is four years commencing in October each year. The teaching year comprises of 42 weeks of study with approximately 35 teaching hours in each week.

The KCMU-College of Tumaini University may grant exception of the equivalent of 1 year of some of the clinical content of the course by recognising an ISPO accredited Category-II course of study offered by another University (e.g. the Diploma in Orthopaedic Technology offered by the University of Dar es Salaam) followed by a period of clinical work. In such cases the duration of the course is reduced to 3 years.

Course Outline

Compulsory subjects by year	1st	2nd	3rd	4th
P&O Science: Practical	√	√	√	√
Anatomy and Physiology	√	√	√	
Biomechanics & Mechanics	√	√	√	√
P&O Science: Theory	√	√	√	√
Technology in P&O	√	√		
Engineering Design	√	√	√	
Computer Science		√		
Statistics & Mathematics		√		
Electrotechnology			√	
Pathology		√	√	√
Clinic & Workshop Management				√
Research Project			√	√
Clinical/Field Attachment			√	

Entry qualifications

The course has a capacity to admit a maximum of 10 students each academic year.

To qualify for admission to the BSc in Prosthetics and Orthotics, the applicants should meet one of the following requirements:

- An Advanced Level Form VI Certificate (ACSE) with at least principal passes (i.e. not lower than 4 points) in any three of the science Subjects:
 - Physics
 - Chemistry
 - Biology.
 - Mathematics
- A qualification equivalent to the above from an institution recognised by the KCMU-College
- A Diploma in Orthopaedic Technology from an ISPO approved and recognised institution provided the applicant has obtained distinction (i.e. B Grade or above) in Mathematics, Mechanics, Biomechanics, Pathology and Prosthetics and Orthotics.

Interview and entry examination: In addition to meeting the above, candidates will be required to pass an entry examination and an interview.

Age: 18 years and above

Sex: Both Male and Female candidates are eligible to join the course.

Health: Candidates must possess a medical certificate indicating that he/she is mentally and physically fit to undertake the course

Language: Medium of communication is English. Candidates must exhibit competence in written and spoken English.