INTERNATIONAL UNIVERSITY OF EAST AFRICA

'Learning to Succeed'

IUEA PROSPECTUS 2022

IUEA MOTTO

"Learning to Succeed"

IUEA MISSION

"To be the Technological University of Choice"

At IUEA you will learn to succeed by deploying Thinking, Self-Transformation, Specialization and Practical Application of Knowledge as your guide.

www.iuea.ac.ug

PROF. TUMUSIIME-MUTEBILE
CHANCELLOR OF THE INTERNATIONAL UNIVERSITY OF EAST AFRICA
GOVERNOR OF BANK OF UGANDA

Profile of the Chancellor of IUEA

Prof. Tumusiime-Mutebile joined Makerere University in July 1970 to study for a Bachelor of Arts degree in Economics and Political Science. He was soon elected Guild President of Makerere University, a position which brought him to the complete glare of the then hostile political system.Given the trend of events at that time, Mutebile faced persecution and had to flee the country and complete his Bachelor`s degree course at Durham University where he graduated with a Bachelor of Arts in Economics and Political Science (Second Class Honours-Upper Division).

His undergraduate dissertation was outstanding and in fact won the first prize in Economics at Durham University.He successfully completed the first year of postgraduate studies in Economics between October 1974 and June 1975 and embarked on his PhD studies by research at Oxford University. As part of his PhD studies, Mutebile conducted field work in Tanzania while at the same time teaching at the University of Dar es Salaam.

The outbreak of Uganda`s Liberation War of 1979 interrupted his PhD studies as he eventually had to come back to Uganda and take on multiple assignments in the rebuilding of the then shattered economy of his dear motherland.

Mutebile has worked as a consultant for many organizations such as World Bank, International Monetary Fund, Organization for Economic Cooperation and Development, Macroeconomic and Financial Management Institute of Eastern and Central Africa, UK Department for International Cooperation, Commonwealth Fund for Technical Cooperation, Canada North South Institute and for the Governments of Eritrea, Kenya, Nepal, Rwanda and Tanzania.

The perfect fusion between Mutebile and the world of education commenced with his earlier studies at Kigezi High School and Kigezi College, through Makerere College and Makerere University before joining Durham University and Oxford University.

Prof. Tumusiime-Mutebile has lectured in a number of Universities. He was a Tutorial Fellow at Balliol and St. Peter`s Colleges of the Oxford University between 1974 and 1977. He was a Visiting Lecturer at Furnham Centre for International Briefing in 1977. From December 1977 to June 1979, Prof. Mutebile was a lecturer of Industrial Economics at the University of Dar es Salaam. In December 2006, Makerere University appointed him Honorary Professor in the School of Economics and Management. In November 2009, Nkumba University awarded him an Honorary Doctorate degree.

Outside educational realms, Prof.Tumusiime-Mutebile has held many positions of high responsibility and national importance. Upon returning to Uganda in 1979, he was appointed Deputy Principal Private Secretary to the President. In 1981, he was appointed Acting Under-Secretary in the Ministry of Planning and Economic Development and became the Chief Government Planning Economist in 1982.

He was promoted to the rank of Permanent Secretary in 1985 and transferred to the Prime Minister`s Office before being transferred back to the Ministry of Planning and Economic Development as Permanent Secretary in 1986.
He served as Permanent Secretary/Secretary to the Treasury of the merged Ministry of Finance and Economic Planning in April 1992. He held this post until December 2000 when he was elevated to the prestigious position of the Governor of the Central Bank of Uganda, a position which he holds up to the present time.

The entire community of the International University of East Africa derives great pleasure and pride in having Prof. Tumusiime-Mutebile as their first Chancellor.

In spite of his heavy commitments in the fiscal industry, he has demonstrated his love for promoting education through participating in the actual teaching and supporting various educational institutions within and outside Uganda.

Professor Tumusiime-Mutebile was officially appointed as the first ever Chancellor of the International University of East Africa (IUEA) on 5th July 2010 by the Board of Trustees of the University. The Chancellor confers degrees, awards diplomas, certificates and other academic awards, titles and distinctions of the University.

The appointment of Prof. Tumusiime-Mutebile as the first Chancellor of International University of East Africa was yet another testimony of his great commitment, love and support to education.

IUEA is privileged to have the guidance and leadership of Prof. Tumusiime Mutebile

PROF. EMEKA AKAEZUWA

VICE-CHANCELLOR OF THE INTERNATIONAL UNIVERSITY OF EAST AFRICA

PhD in Information Systems and Structures from Rutgers University USA. His ideas on Pan Africanism are unmatched.

Vice-Chancellor's Welcome

Welcome to the International University of East Africa (IUEA). Our mission is to provide the practical education essential for the development of the East and Central African region.

We are an International University that is recognized and respected all over Africa for our excellence, diversity, flexibility, range of opportunities, modern facilities and resources that enhance the learning experience of our students. Our professors, lecturers, staff and equipment come from across the globe to impart qualitative education. IUEA, a trademark for quality education is a name sought-after by students from all over Africa and in the future, globally. They come here with a vision- a vision to build a career, a vision to learn, a vision to prosper and live up to the expectations of their loved ones. IUEA is a melting pot of many cultures and traditions with students from over 50 countries creating a true center of cosmopolitanism.

Studying at IUEA is an opportunity given only to a few. IUEA has always stood as an epitome of excellence. In these halls and classrooms, aspirations are born, dreams fulfilled.

Studying here gives students the rare opportunity to combine academics and extracurricular activities with the adventures of a lush and wild African landscape. IUEA provides its students with much more than just professional training. It ensures that every student who comes leaves as a confident, independent and completely well rounded professional.

IUEA's courses offerings have always been aimed towards creating value and excellence in education, a concern for employability and a desire to ensure that quality education is embedded in every lecture, workshop, seminar, tutorial, and lab. IUEA continues to offer multiple pathways and flexible options in getting the best in education at the undergraduate, postgraduate, speciality and professional level.

All our programs are designed to meet the outcome levels required for international accreditation. Accordingly, getting a degree from IUEA will give you the qualifications you need to be successful internationally. We also offer programs to continue your education towards a Masters (MBA & MIT) and Doctorate of Philosophy (PhD).
IUEA provides value based quality education to our students, assuring their parents they are in safe hands.
For students coming directly from A Levels, IUEA offers a foundation program (pre-university program) designed to bridge their learning needs and enable them to pursue a bachelor's degree program of their choice at IUEA.
IUEA offers personal laptops to all enrolled degree students. We pride ourselves in providing premium quality education and practical skills to make our graduates into job-ready professionals.

IUEA is a pioneer of the 'Inspired Learning' approach to higher education. Its academic delivery model goes beyond classroom education to provide a holistic learning experience for our students.
The University, through its innovative pedagogy, has created an ecosystem of teaching and research excellence that is based on the 6 pillars of Inspired Learning:

1. Instill a culture of research & innovation
2. Provide a hands-on learning experience
3. Ensure exposure to diverse disciplines & cultures
4. Nurture entrepreneurs & ideas
5. Enhance employability
6. Encourage merit through scholarships

We look forward to seeing you soon at IUEA!

Professor Emeka Akaezuwa
Vice-Chancellor
IUEA

Powerful alone.
Better together.

IUEA is a private University licenced by the Uganda National Council for Higher Education (NCHE). Our multicultural environment consists of a student body and staff who bring on board various experiences and dynamism to the institution.

About our Programs

IUEA offers many programs that lead to a Certificate, Diploma, Undergraduate, and Post-graduate Degrees, as well as, short courses that prepare students for both employement and entry into Degree programs.

- CENTRE FOR LANGUAGES & PROFESSIONAL SKILLS
- FACULTY OF BUSINESS & MANAGEMENT
- FACULTY OF SCIENCE AND TECHNOLOGY
- FACULTY OF ENGINEERING
- FACULTY OF LAW

LIFE AND SERVICE AT THE UNIVERSITY

Students of IUEA are not only encouraged to concentrate on academics, but to also take part in other co-curricullar activities.

The campus has first class facilities that range from an electronic library, computer labs, engineering labs, to classrooms equipped with modern facilities for top standard education. It also has wireless internet. The University also has a large super cozy auditorium that sits 1500 people. The University also has modern accommodation that will make you feel at home, plus a cafetaria for resident students. IUEA has a wide centre for games and sports with a health/first aid centre and a stand by ambulance for emergencies.

Students are generlly expected to demonstrate high standards of moral conduct and to refrain from immoral and degrading practice such as using alcohol, smoking, taking addictive drugs, reading pernicious literature, gambling and other immoral activities.

THE UNIVERSITY CAMPUS

IUEA main campus is located in Kansanga, Ggaba Road, Kampala-Uganda, and draws students from East Africa and from the rest of the World. IUEA celebrates a multi-cultural atmostphere. For example it is not unusual at IUEA to have astudent project group made up of students from Uganda, Egypt, Somalia, Kenya, South Africa, DRC, Eritrea, and Nigeria working on a problem assigned by a lecturer from India.

IUEA is a thriving International community of scholars and students engaged in the pursuit of advanced knowledge, practical skills and human values.

ACCOMODATION

The University has five hostels of residence. Three are for male students, one is for female students and one for both male and female students. In total the hostels host a population of about 395 resident undergraduates (students registered to the University). The rest of the students reside outside of campus in private hostels or commute from homes. Falcon Estates Department & the Dean of Student Department, with the assistance from wardens are responsible for maintaining the university hostels. The Dean of Students Department with assistance of the wardens ensure that appropriate accommodation and other services are provided to students in accordance with their prevailing budgets. Both Private and Government students are accommodated through this department and allocation of rooms is done by respective hostel committees chaired by the wardens. Security on campus is the responsibility of the university security department and the Uganda police force. Private hostels provide their own security arrangements for the students they accommodate. The Uganda police force patrol also provides extra security both within and outside the campus.

Below is an example of our excellent halls of residence facilities.

STUDENTS HEALTH SERVICES

The University has a premier health service that providies medical facilities to students throughout their studies maintained by a team of doctors and a number of nursing assistants on a full-time basis. The University clinic also provides health insurance to students.

RELIGIOUS LIFE

The University is non-denominational so students have freedom of worship, however, all days of the week are considered working days for purposes of lectures and examinations.

UNIVERSITY CAFÉ AND GUILD CANTEEN

The University café and canteen offers meals and drinks served at modest charges. In addition there are other eating and recreational places within the vicinity of the university campus.

POSTAL, TELEPHONE AND INTERNET SERVICES

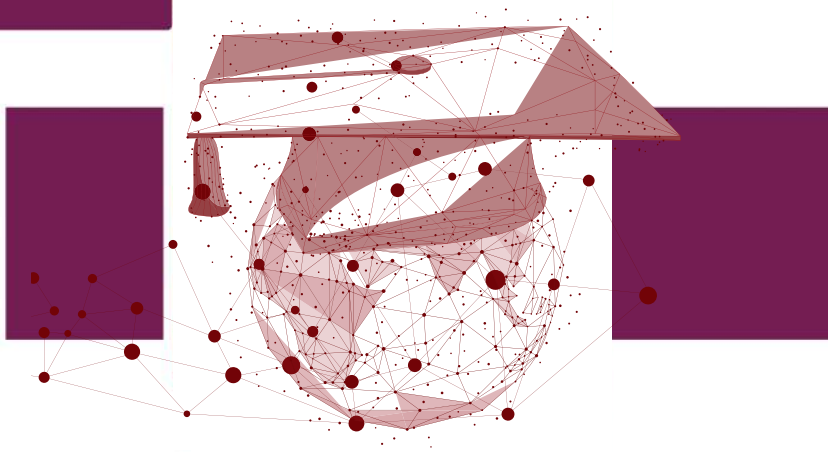
There are postal, telephone, email and fax facilities within the university and its neighbourhood. Students are also free to use their own mobile telephones and connect to the campus wireless internet service.

STUDENT ORGANISATIONS, SOCIETIES AND CLUBS

Students are encouraged to form clubs at the university and these are intergral to a studen's extra-curricula experiance. These clubs are meant to encourage them in social and academic interactions.


INTERNATIONAL

Academic Registrar's office



CORE COMPETENCES

The office has the following unique competences that have given it a distinctive competitive advantage within the university.

Distinguished lecture series; the department is responsible for organizing the distinguished lecture series by a distinguished personality from within the university on topical issues once a semester

Commencement lecture series; the department as a tradition, organizes the commencement lecture series preceding the annual graduation ceremonies delivered by distinguished personalities.

Strong alumni; the alumni act as the ambassadors of the university and keep in close contact with the institution.

Research and publications; the department regularly publishes education journals and lecture booklets.

STRATEGIC PRIORITIES

- Maintaining and enhancing quality academic standards of the university,
- Increasing student enrollment and retention,
- Promoting quality research and scholarly activities,
- Enhancing staff competencies &
- Strengthening the alumni of the university.

Academic Year:

In the semester system at the International University of East Africa, the academic year is composed of Two (2) semesters and One (1) Recess Term.

Length of the Semester:

The length of a Semester is normally be seventeen (17) weeks, with fifteen (15) weeks for lectures and two (2) weeks for examinations unless otherwise arranged. The duration for the Recess term is Ten (10) weeks taken after the second semester.

Grading System

The overall marks a candidate obtains in each of his or courses are out of a maximum of one hundred marks and assigned appropriate letter grades and grade points as follows:

MARKS	LETTER GRADE	GRADE POINT
80 - 100	A	5
75 - 79.9	B+	4.5
70 - 74.9	B	4.0
65 - 69.9	B-	3.5
60 - 64.9	C+	3.0
55 - 59.9	C	2.5
50 - 54.9	C -	2.0
45 - 49.9	D+	1.5
40 - 44.9	D	1.0
35 - 39.9	D -	0.5
Below 35	E	0

Awards by the University are classified as follows:
First Class (Honors').
Second Class- Upper Division (Honors').
Second Class- Lower Division (Honors').
Pass

For purposes of classification of final awards, a five (5) point system in averaging the final grade is used. The following classification of awards is used

Class	CGPA
First Class	(4.4 – 5.0)
Second Class-Upper Division	(4.0-4.3)
Second Class-Lower Second	(3.0 – 3.9)
Pass	(2.0 – 2.9)
Fail	(0 – 1.9)

Calculation of the Cumulative Grade Point Average (CGPA):

The Cumulative Grade Point Average (CGPA) at a given time shall be obtained by:-
Multiplying Grade Point (GP) obtained in each course by the Credit Units (CU) assigned to the course at the Weighted Score for the course.
Adding together the Weighted Scores for all the courses taken up to that time.
Dividing the Total Weighted Score by the total number of Credit Units taken up to that time.

Retaking a Course Unit or Course Units:

A candidate who fails any end of semester examination paper on the first attempt shall be allowed two more attempts to sit and pass that paper when it is next offered.
While retaking a course/courses, a student shall:
- Attend all the prescribed lectures/ tutorials/ practicals/ fieldwork in the course or courses.
- Satisfy all the requirements for the Coursework component in the course/ courses; and,
- Sit the University examination in the course/courses.

A candidate may retake a course or courses offered again in order to improve his/her pass grade(s) if the pass grade(s) received at the first assessment in the course or courses were low. The new grade(s) shall be indicated as a second attempt.

A candidate who has up to but not more than five (5) failed courses any time shall be allowed to proceed to the next semester and retake the failed courses when they are next offered. However, if the failed courses happen to be prerequisites for other advanced courses, the candidate must first pass them before he/she can be allowed to register in the advanced units that require the prerequisites.

A candidate shall not be allowed to carry forward six or more accumulated failed courses at any one time.

A candidate who has six or more accumulated failed course units after three unsuccessful attempts at each of the units concerned shall be discontinued.
When a candidate has retaken a course, the better of the two grades he/she has obtained in that course shall be used in the computation of his/her Cumulative Grade Point Average (CGPA).
Whenever a course or courses has/have been retaken, the Academic Transcript shall indicate so accordingly.
When a student misses to sit examinations for justified reasons, the grades obtained after sitting the examinations shall not be recorded as a retake because the candidate is sitting the examinations for the first attempt.

A final year student whose final examination results have already been classified by the relevant Faculty Board and has qualified for the award of a degree/diploma/certificate shall not be permitted to retake any course(s).

Absence from Examinations:

A candidate who absents himself/herself from an end of semester examination without compelling reasons shall be discontinued from studies.

A candidate who absents himself/herself from any continuous assessment tests or fails to submit assignment(s) given during the course work without compelling reasons shall be considered to have attempted such examinations or assignment(s) and shall be awarded a zero mark.

A candidate who is allowed to be absent from attempting a continuous assessment or missed because of compelling reasons shall be required to complete the same before attempting the end of semester examination(s) of the respective course. Such a candidate shall be responsible for initiating any request to make up a continuous assessment missed because of class absence. If the Course Instructor requests for evidence concerning the absence, the student should submit appropriate documentation.

If the Board of a Faculty is satisfied that a student has no justifiable reason for having been absent from a particular examination, such a student shall receive a Fail (F) Grade for the course(s) he/she had not sat the examination in. The course(s) in which the Fail (F) Grade was/were awarded shall also count in the calculation of the CGPA.

If the Board of a Faculty is satisfied that a student was absent from coursework assessment or a final examination due to justifiable reasons such as sickness or loss of a parent/guardian, then a Course Grade of ABS shall be assigned to that course(s).

Withdrawal

(a) A student can apply to Senate for permission to withdraw from studies at any time of the semester. Reasons for withdrawal should be given in the letter of application.
(b) Permission to withdraw shall be granted by the Senate or by the Vice-Chancellor on its behalf only on compassionate, financial, medical, serious social or domestic grounds or exceptional commitment which can be demonstrated to have adversely affected the student.
(c) A student will be allowed only a maximum of two withdrawals on an academic programme and each withdrawal shall not exceed a period of one academic year.
(d) A student who had withdrawn from studies shall apply to the Academic Registrar to resume studies and shall indicate that the circumstances that made him/her withdraw can no longer affect his/her studies.

We are proud that 83% of our graduates were in work or pursuing further study six months after graduating, according to surveys. This high percentage confirms the strong emphasis on employability and enterprise across all our degrees.

EMPLOYABILITY

A degree equips you with many of the skills you need to prepare for your future career. Whether you choose a qualification with a clear career path, or a degree with many transferable skills, you can be confident that you will gain the knowledge you need with us.

Employability is not just about developing relevant skills, or getting a job; it is about your whole academic, personal, and professional development. Whilst studying at International University of East Africa, you will have the opportunity to hone your personal strengths and identify and work on your areas of development.

All of our degrees enable you to get involved in problem solving, creative thinking, team working, delivering presentations and using digital technologies; all of which are essential skills needed in the world of employment. Many of our degree courses incorporate modules in professional practice, or graduate development programmes to enable you to put into practice your learning, engage with employers and outside organisations, and discover where your studies could take you in life.

Don't leave thinking about your career and employability until the end of your study. There are opportunities to get involved from the moment you start here; you could take an active part in a Students' Union club or society, be a course representative, or volunteer. All of these activities enable you to develop your employability.

A number of these activities are accredited and will appear when you graduate, enabling you to present a range of achievements to potential employers.

Our graduates have gone on to a wide range of career paths in fields as diverse as corporate and technnological companies world wide.

Career fairs on campus provide you with an opportunity to network with local, national and international organisations. You may have a clear career path in mind, or have no idea what you want to do after you graduate. Whatever your situation is, IUEA can support you with one-to-one career advice and guidance on next steps after your course.

IUEA offers workshops on:

- How to develop your employability
- Making effective career decisions
- Writing effective CVs and applications
- Successful interview technique
- Using social media to find opportunities
- Networking and effective communication

"As an international student at IUEA, Deciding to choose to continue my Degree at IUEA was definitely a choice well-made. Uganda is a friendly and warm country to stay and study. at IUEA, the staff and lectures always try to provide students the support they need to comfortably by having well equipped facilities and a pleasant study environment. I'm in love with IUEA."

Abel Ngengele
Faculty of Business and Management

Source of the Nile Bridge in Jinja

Kampala City at night

Gorilla Trekking in Uganda

Kampala Serena Hotel

DESTINATION UGANDA

Uganda offers a rich and diverse cultural life, thriving sites, malls, restaurants, cafés, and an extensive arts scene. Uganda has been described as the most friendliest and hospitable country globally following a survey conducted among expatriates globally, according to the BBC. Uganda is steeped in history, with beautiful scenery, the source of the Nile and a variety of national parks, food, all within easy reach from Kampala city.

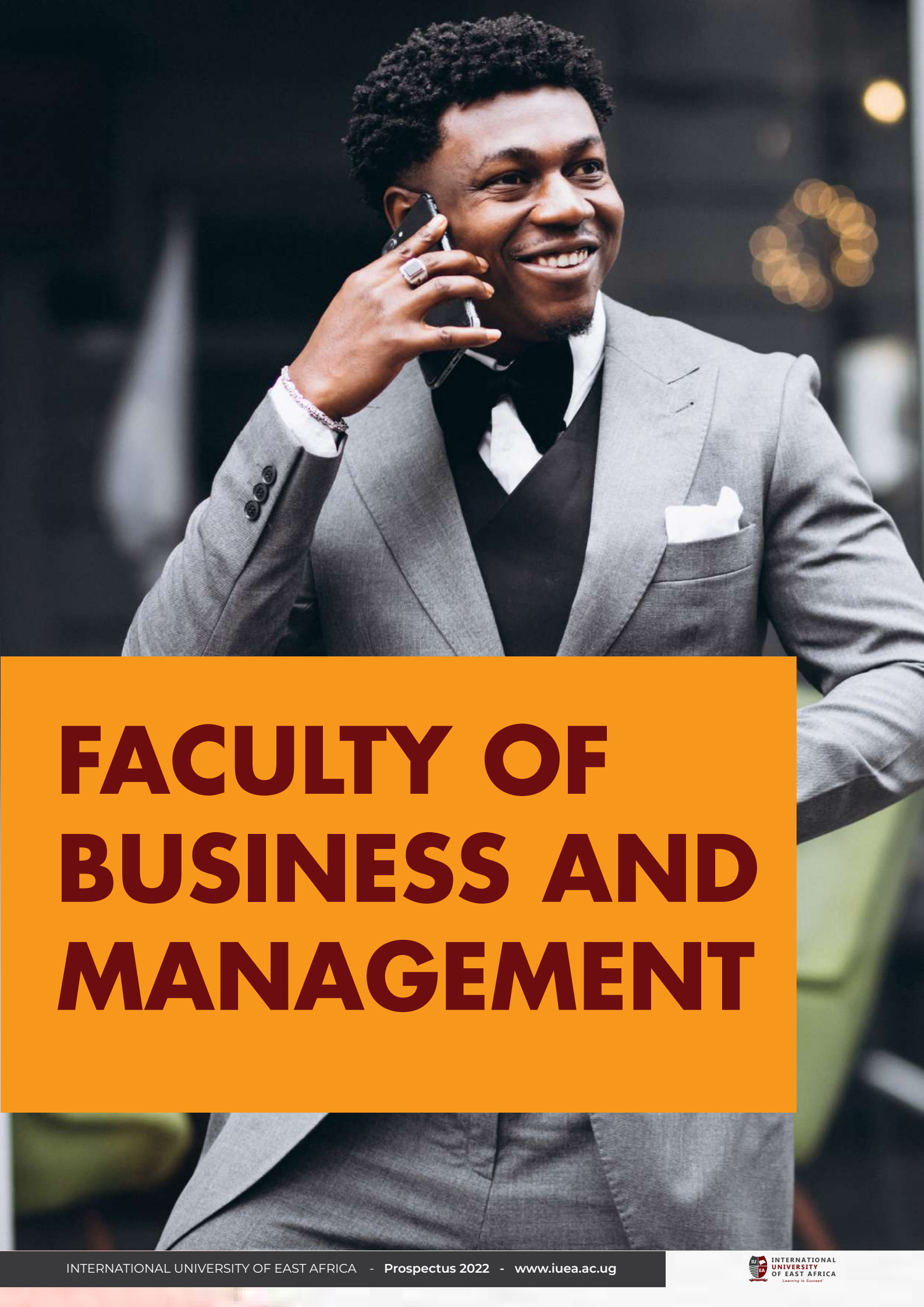
Students who come to study in IUEA will find an exciting campus that sees things a little differently. Proud of its heritage, IUEA is embracing its strategic central location and burgeoning technology connections in Kampala, evolving into one of the most desirable places to study and live in Uganda.

Visit **iuea.ac.ug**

International University of East Africa

University Map


A University Main Gate
B University Staff Parking
C University Main Block
D University Gardens
E Resident Director's Office
F University Main Library
G Faculty of Engineering Lecture rooms and Laboratories
H Students Parking
I University Auditorium
J University Auditorium 2
K Faculty of Engineering Laboratories
L Expansion Plans
M University Mosque
N University Restaurant
O Basketball Court
P University Sports Grounds
Q Expansion for University Sports Grounds
R Parking
L
J
R
L
L
L
O



FACULTY OF BUSINESS AND MANAGEMENT

Introduction

The Faculty of Business and Management of IUEA is a hub of excellent business education where students acquire knowledge and also practical skills.

The global economy is becoming more competitive due to advancements in technology and market forces at play. As such, business and technology have become inseparable. Efficiency in all spheres of business is being enabled by the incorporation of technology in most business processes. For instance many businesses are using online strategies for purchase, sales, advertising, marketing, etc.

Vision

Our vision and mission are consistent with the aspirations of the university as a whole that is;
To be the number one choice for Business and Management in East and Central Africa.

Mission

- To produce world class, creative and socially responsible graduates who are global thinking.
- To provide and disseminate world class education to our students that shape organizations and businesses.
- To integrate business and technology.
- To engage meaningfully with society and develop practical solutions to common problems.
- To encourage entrepreneurship and creativity .
- To provide an education that includes practical skills.

Internship programme

All our students in the Faculty of Business and Management are required to seek work placements so that they can apply what they have learnt at university and also receive work place exposure. The main objectives of the internship are;

- To ensure that their education includes practical skills.
- To prepare to them for employment.
- To enable them to develop interpersonal skills.
- To provide a platform where they can relate theory and practice.

This exercise is instrumental in exposing students to the real world. Many are retained upon successful completion of their courses. This shows that an education in our Faculty increases your employability.

Courses offered

Master of Business Administration
Bachelor of Business Administration
Bachelor of Procurement and Logistics Management
Bachelor of Human Resource Management
Bachelor of Public Administration
Bachelor of Tourism Operations Management
Bachelor of Arts in Economics
Diploma in Business Administration
Diploma in Public Administration
Certificate in Business Administration

FACULTY OF BUSINESS AND MANAGEMENT

MASTERS OF BUSINESS MANAGEMENT

The Masters in Business Administration Programme is designed for graduates of any field of study. The programme provides participants with an opportunity to study a broad range of business activities. Particular emphasis is placed on operational aspects of business. This programme is suitable for a wide range of business leaders and those interested in business management. Participants have an opportunity to specialise in one of the four fields in the programme. The structure is as below;

MBA CURRICULUM COURSE STRUCTURE

- Two year long evening programme & weekend Programme
- One year of core curriculum that Is mandatory for all MBA students
- Third semester of courses in chosen area of specialization (Options)
- Fourth semester to complete a research paper for publication & dissemination
- Classes held from 5:30 pm to 9:30 pm on Mondays, Tuesdays and Wednesdays
- Classes held Saturdays from 8:30 am to 5:30 pm & Sundays 8:30 am to 1 pm
- Some academic work to be done outside of class and discussed in class

WHAT MAKES THE IUEA MBA PROGRAMME UNIQUE?

- The underlying philosophy of the IUEA MBA is to educate managers, administrators, leaders and entrepreneurs in a manner that is fully conscious of the unique challenges of doing business in Africa.
- Finding business and management solutions that work well within African cultures and systems
- Focus on case studies and rigorous research that includes publication quality papers
- Emphasis on in-class discussions, writing, presentations and critical thinking

Year 1

CORE COURSES (MANDATORY FOR ALL MBA STUDENTS)

YEAR I:

SEMESTER I MANDATORY

Code	Course Name	(CU)
MBA 710	Accounting for Strategic Decision Making	3
MBA 711	Managerial Practices & Project Planning in the African Context	3
MBA 712	Innovation and Marketing	3
MBA 713	Research Methods	3
MBA 714	Advanced Communication Skills and Critical Thinking	3

SEMESTER II MANDATORY

Code	Course Name	(Cu)
MBA 720	Quantitative Methods for Evidence-based Decision Making	3
MBA 721	Organisational Behaviour, Leadership & Ethics	3
MBA 722	Managerial Economics	3
MBA 723	Management of Information Systems and E-commerce	3
MBA 724	Human Resource and Performance Management	3
MBA 725	Policy Analysis	3

Year 2

YEAR II: OPTIONS FOR SPECIALIZATION, PUBLICATION AND DISSERTATION

Selected from:

1. Finance &Accounting
2. Marketing&Entrepreneurship
3. Human Resource Management&Leadership

SEMESTER III

OPTION: Finance and Accounting

Code	Course Name	(Cu)
MBA 810	Taxation	3
MBA 811	Corporate Finance	3
MBA 812	International Finance	3
MBA 813	Cost and Management Accounting	3
MBA 814	Investment Analysis and Capital Markets	3

SEMESTER III

OPTION: Marketing& Entrepreneurship

Code	Course Name	(Cu)
MBA 820	Global Marketing Strategies	3
MBA 821	Market Research& Advertising	3
MBA 822	Consumer Behaviour	3
MBA 823	Innovation and Entrepreneurship	3
MBA 824	Business Capital and Entrepreneurship	3

SEMESTER III

OPTION: Human Resource Management and Leadership

Code	Course Name	(Cu)
MBA 830	Industrial Relations and Labour Laws	3
MBA 831	Leadership and Organisational Change Management	3
MBA 832	Performance Management Systems	3
MBA 833	Strategic Human Resource Development	3
MBA 834	Business Ethics and Leadership	3

SEMESTER IV

dissertation and paper for publication (mandatory for all MBA students)

Mba 900 research paper & dissertation 5 cus

FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF BUSINESS ADMINISTRATION

Rationale For The Programme

Increasing competition in the business sector calls for the development of a human capital base equipped with managerial competences to deal with the global trends of the contemporary business environment.

Furthermore, there is a remarkable increase in demand for entrepreneurial skills in the wake of liberalized economies. This has created a need for specialists who are capable of handling the emerging challenges and opportunities.

This programme integrates academic and research rigor with professional and corporate undertakings. Students are given the opportunity to develop knowledge and understanding of the conceptual and practical aspects of business administration that can spearhead business sustainability and excellence.

Objectives

The overall objective of the Programme is to train and equip students with adequate knowledge, skills and attitudes that enable them to:

- Transform into managers, entrepreneurs and administrators of organizations of all sizes, sectors and types by focusing on vital areas important for the existence and growth of these organizations.
- Acquire a holistic view of the nature of leadership that results in sound political decisions.
- Identify, develop, consolidate and manage business processes to ensure quality organizational performance and customer satisfaction.
- Establish businesses that meet workplace challenges and demands of the contemporary business environ ment.

Year 1

SEMESTER 1

CODE	COURSE	(CU)
ACC 1102	Principles of Accounting	4
ECON 1101	Principles of Economics	4
GMT 1103	Principles of Management	4
HRM 1101	Human Resource Management	3
GMT 1011	Business Statistics	4
GMT 1102	Business Communication Skills	3
BBA 1101	Administrative Planning and Control	3

SEMESTER II

FIN 1201	Insurance Management	3
GMT 1202	Ethics and Management	3
LAW 1201	Business Law	4
GMT 1203	Business Environment	3
GMT 1201	Business Quantitative Methods *	3
MKT 1201	Principles of Marketing	4
ICT 1201	Information Computer Technology 1	3

Year 2

SEMESTER I

Common courses

PLM 2107	Principles of Procurement and Logistics	3
ACC2104	Cost Accounting	4
ICT 2103	Information Computer Technology II	3
LAW2101	Company Law	4
GMT 2104	Operations Management	3
FIN 2103	Financial Management	4

Choose 1 Core Option

CC2102 (Accounting Option)	Intermediate Accounting	4
MKT 2101(Marketing option)	Marketing Management	4
FIN2102 (Finance option)	Money and Banking Practice	4

SEMESTER II

Common courses

GMT 2202	Project Planning and Management	4
MKT 2201	Public Relations	3
ACC 2204	Taxation Management	3
GMT 2201	Research Methods	3
GMT 204	Internship Orientation	4
HRM 2201	Leadership and Change Management	3

Choose one core option

ACC 3203	International Accounting (Accounting option)	4
MKT 2201	Sales Force Management (Marketing option)	3
LAW2201	Banking Law (Finance & Banking option)	4

Semester Load = 21, 20&21 CU respectively

Recess Semester

GMT 204	Internship	5

*Proposed addition

Year 3

SEMESTER 1

ACCOUNTING OPTION

Common courses

GMT 3103	Entrepreneurship Development	3
FIN 3101	Islamic Banking	4
GMT 3102	Strategic Management	3
ACC 3103	Auditing & Investigation	4
ACC 3101	Advanced Accounting	4

MARKETING OPTION

GMT 3103	Entrepreneurship Development	3
FIN 3101	Islamic Banking	4
GMT 3102	Strategic Management	3
MKT3101	International Marketing	3
MKT 3103	Retail Marketing Management	3
MKT 3102	Marketing Communication	3
MKT 3104	E-Marketing	3

FINANCE & BANKING OPTION

Common Courses

GMT 3103	Entrepreneurship Development	3
FIN 3101	Islamic Banking	4
GMT 3102	Strategic Management	3
FIN 3103	Banking Marketing	3
FIN 3101	Bank Management	3
FIN 3102	Investment and Portfolio Management	3

YEAR III

SEMESTER II

Accounting Option

ACC 3206	Cost Accounting	4
ACC 3207	Computerized Accounting	4
ACC 3208	Income Tax	4
GMT 3201	Dissertation writing skills	4

Marketing Option

MKT 3201	Service Marketing Management	3
MKT 3202	Market Research	3
MKT 3203	Consumer Behaviour	3
MKT 3204	Business to Business Marketing	3
MKT 3205	Brand Management	3
MKT 3206	Marketing For Non- Profit Organizations	3
GMT 3201	Dissertation Writing Skills	4

Finance Option

FIN 3206	International Finance Management	4
FIN 3202	Financial Institutions and Markets	3
FIN 3204	Public Sector Finance	3
FIN 3203	Micro Finance Management	3
GMT 3201	Dissertation writing skills	

Recess Term — Research Report

FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF PROCUREMENT AND LOGISTICS MANAGEMENT

BACHELOR OF PROCUREMENT AND LOGISTICS MANAGEMENT

Introduction:

This degree aims to provide career minded graduates and professionals with the opportunity to obtain the underlying theory and practical skills necessary for not only understanding the dynamics of procurement and logistics in the business environment but also instituting change and strategic thinking in their organizations as far as procurement and logistics management and related functions are concerned.

By the end of the programme students will be able to:

- Appreciate the history of procurement and supply chain management
- Define and relate the terminologies in procurement and supply chain management
- Link procurement and supply chain functions to other organizational functions
- Describe the environment in which procurement takes place
- Explain and link the stages in the procurement and supply chain processes
- Cite the procurement and supply chain best practices
- Discuss the contract management process
- Identify the various procurement records

Year 1

SEMESTER I

Code	Paper	CU
GMT 1101	Business Statistics	3
GMT 1102	Business Communication Skills	3
PLM 1102	Principles of Procurement & Supply Chain Management	4
ECON 1101	Principles of Economics	4
GMT 1103	Principles of Management	4
ACC 1102	Principles of Accounting	4
HRM 1101	Human Resources Management	4
TCU		26

SEMESTER II

Code	Paper	CU
LAW 1201	Business Law	3
GMT1202	Ethics and Management	3
ICT 1201	Information Communications Technology I	3
GMT 1203	Business Environment	3
PLM 1201	Procurement & Supply Chain processes	4
MKT 1201	Principles of Marketing	4
TCU		20

Year 2

SEMESTER I

Code	Paper	CU
PLM 2101	Inventory & Warehousing Management	4
ACC 2101	Cost and Management Accounting	4
PLM 2108	Logistics management	4
GMT 2103	Production & Operation Mgt	4
FIN 2103	Financial Management	4
ICT 2103	Information Communications Technology II	3
TCU		23

SEMESTER II

Code	Paper	CU
GMT 2201	Research Methods	4
PLM 2204	Procurement & Supply Chain Risk Management	4
PLM 2205	International Procurement Management	4
PLM 2206	Public Procurement	3
PLM 2207	Project and Contract Management	4
ACC 2204	Taxation Management	3
TCU		22
RECESS TERM	GMT 204 Internships	5

Year 3

SEMESTER I

Code	Paper	CU
GMT 3103	Entrepreneurship Development	3
PLM 3101	Management Information Systems & E- Procurement	4
PLM 3102	Strategic Procurement Management	3
HRM2102	Organizational Behavior	4
PLM 3104	Managing Relationships & Negotiation	4
TCU		18

SEMESTER II

Code	Paper	CU
PLM 3206	Control & Dispute Management in Procurement	4
PLM 3207	Procurement Audit & Investigation	4
PLM 3204	Sustainable Procurement Mgt	4
PLM 3208	Legal and Ethical Issues in Procurement	4
PLM 3205	Procurement Record Management	3
TCU		19
GMT 3201	Research Report	5
TOTAL PROGRAMME CREDIT UNITS		135

FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF HUMAN RESOURCE MANAGEMENT

Introduction:

The Bachelor of Human Resources Management is oriented towards producing students who will be able to apply human resource management functions to a work based environment and exhibit a higher level of professionalism in tackling human resource issues towards organisational performance, efficiently and effectively.

The emphasis of this course is on the ability of the graduates to acquire knowledge, skills and competencies to enable them survive in the business environment with little or no difficulty. Furthermore, students will appreciate human capital as the most important asset of many firms. The programme enables students to apply key concepts and techniques that managers need to know in order to best attract, retain and develop skilled personnel, based on current practice and theory in Human Resources Management. Legal and ethical considerations in human resource management are also emphasized.

Justification

People are the most important resource in any setting and provide the most resilient resource in competitiveness. Human Resource Management is concerned with effective and efficient acquisition, retention and exiting of Human Resources for organizational competitiveness.

The Program enables those pursuing it to understand that human resources take a centre stage in organizational management; though, it is the most poorly managed of all the organizational resources. This programme enhances knowledge, skills and reduces attitude gaps in continuously developing human resources to be a source in gaining competitive advantage for organizations.

At the end of the programme, students will be able to:

- Apply the concepts of the human resource management process within an organisation
- Demonstrate the role of human resource management in strategic planning
- Evaluate the effectiveness of human resource management
- Correctly interpret environmental influences that will impact upon human resource management
- Determine the actual human resource management needs of an organisation
- Advise management about human resource management needs and benefits
- Determine the most appropriate human resource management methods
- Successfully implement human resource management strategies
- Believe in the need for organizations to utilize effective human resource management strategies

Year 1

SEMESTER I

Code	PAPER	CU
HRM 1101	Human Resources Management	3
ACC 1102	Principles of Accounting	3
GMT 1102	Business Communications Skills	3
ECON 1101	Principles of Economics	3
GMT 1101	Business Statistics	4
GMT 1103	Principles of Management	3
TCU		23

SEMESTER II

CODE	PAPERS	CU
ICT 1201	Information Communication Technology I	3
MKT1201	Principles of Marketing	4
HRM1201	Human Resource Planning	3
GMT1202	Ethics and Management	4
GMT1203	Business Environment	4
HRM 1202	Leadership and Interpersonal Skills	3
LAW 1101	Business Law	4
TCU		21

Year 2

SEMESTER I

CODE	PAPERS	CU
FIN 2103	Financial Management	3
ICT 2101	Information Communication Technology II	3
HRM 2102	Organisational Behaviour	4
HRM2103	Occupational Health And Safety	4
LAW2101	Company Law	4
PLM 2106	Principles of Procurement And Logistics	3
TCU		21

SEMESTER II

CODE	PAPERS	CU
GMT2202	Project Planning and Management	4
MKT2201	Public Relations and Customer Care	3
HRM 2104	Leadership and Change Management	4
ECO2201	Labour Economics	3
GMT 2201	Research Methods	3
	Internship Orientation	
TCU		20
Recess Semester	GMT 204 Internship	5

Year 3

SEMESTER I

CODE	PAPERS	CU
GMT 3103	Entrepreneurship Development	3
GMT 3102	Strategic Management	3
HRM 3101	Employee Training and Development	4
HRM 3102	Industrial Psychology	4
HRM 3103	Reward Management	4
Law 3101	Labour Laws	3
TCU		21

SEMESTER II

CODE	PAPERS	CU
HRM 3201	Strategic Human Resource Management	4
HRM 3202	International Human Resources Management	4
HRM 3203	Contemporary Issues In HRM	4
HRM 3205	Career Planning and Management	4
HRM 3206	Industrial Relations	4
TCU		19

Recess Semester GMT 3201 Research Report

TOTAL GRADUATION CREDIT UNITS

FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF PUBLIC ADMINISTRATION

Bachelor of Public Administration is oriented towards graduating professionals who can understand the dynamics of both the Public Sector and Local Government issues. This course seeks to equip graduates with knowledge and experience gained on the program in the real world of public administration and local government. Graduates will have the administrative and interpersonal skills to implement administrative plans and monitor the progress of administrative activities in their localities.

Graduates will be adaptive and innovative, recognizing the need to enhance their learning and understanding as they gain experience and build on the knowledge gained during the program. Their analytical and innovative skills in understanding the public administration dynamism will also enable them to recognize not only the continued expansion of the public sector, but also the emerging requirements of restructuring, downsizing and outsourcing currently taking place. The emphasis of this course is on identifying and re-energizing what has been lost in as far as the professional handling of public resources, projects and day-to-day activities.

Learning Outcomes.

By the end of the three years students graduating with a BPA should be able:

- To implement Public and Local Government policies for the greater good of the society
- To manage all the Human Resources Functions in an organization.
- To demonstrate basic skills needed to tackle problems and challenges facing public sector managers
- To carry out research and analyze issues related to both public and local government requirements to aid his/her effectiveness in decision-making
- To exhibit leadership and decision making skills
- Manage and supervise projects in the public sector
- Adjust to new technological and administrative changes

Year 1

SEMESTER ONE

Code	Papers	CU
GMT 1103	Principles of Management	3
ECON 1101	Principles of Economics	4
ACC 1102	Principles of Accounting	4
OTB 1102	Organizational Theory and Behavior	4
GMT 1102	Business Communication skills	3
HRM 1101	Human Resource Management	3
PAD1107	Public Administration Theory and Practice	4
TCU		25

SEMESTER TWO

Code	Papers	CU
LAW 1203	Administrative Law	4
ICT 1202	Computer Applications	3
GMT1202	Ethics and Management	3
PAD 1201	Classical Political Thought	4
PAD 1203	Political Economy of Sub Saharan Africa	4
GMT1203	Business Environment	3
PAD 1204	Politics and Administration	4
TCU		25

Year 2

SEMESTER ONE

Code	Papers	CU
PAD 2101	Comparative Public Administration	4
ICT 2101	Management Information Systems	3
PLM 2107	Principles of Procurement and Logistics	3
PAD 2103	Regional Development	4
FIN 2103	Financial Management	3
PAD 2103	Development Administration	3
PAD 2106	Environmental Management	4
TCU		25

SEMESTER TWO

Code	Papers	CU
PAD 2203	Public Service Delivery	4
PAD 2204	Public Budgeting	3
PAD 2201	Public Sector Accounting	4
PAD 2202	Public Policy Formulation & Management	4
GMT 2201	Research Methods	4
GMT 2201	Project Planning and Management	3
MKT2205	Customer Care	3
	Internship orientation	1
TCU		25
RECESS GMT 204	Internship	5

Year 3

YEAR THREE (PUBLIC SECTOR MANAGEMENT OPTION)
SEMESTER I

Code	Papers	CU
PSM 3101	Innovative Public Management	4
PAL 3105	Management In Non-Government Organizations	4
HRM 3104	Knowledge Management for Organizational Learning	4
PAL 3101	Sustainable Environment And Development	4
PSM 3105	Community Development	4
GMT3101	Research Proposal	3
TCU		23

SEMESTER TWO

Code	Papers	CU
PSM 3206	Disaster & Risk Management Practices	4
PSM 3207	Public Private Partnership	3
PSM 3203	Organizational Politics, Culture And Management	4
PSM 3208	Gender and Development	4
PSM 3205	Program Evaluation	4
GMT 3201	Dissertation Writing Skills	4
TCU		23

(LOCAL GOVERNMENT AND DEVELOPMENT OPTION)
SEMESTER ONE

Code	Papers	CU
PAL 3101	Sustainable Environment and Development	4
PAL 3102	Local Govt. Resource Mobilization Strategies	4
PAL 3103	Decentralization Theory & Practice	4
GMT3101	Research Proposal	3
PAL 3104	Local Government Finance	4
PAL 3105	Management of Non-Government Organizations	4
TCU		23

SEMESTER TWO

Code	Papers	CU
PAL 3201	Comparative Local Government Administration	4
GAD 3201	Gender and Development	4
PAL 3202	Contemporary Local Government	4
PAL 3203	Urban Planning and Management	4
PAL 3205	Public Private Partnership	3
GMT 3201	Dissertation Writing Skills	4
TCU		23

FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF TOURISM & OPERATION MANAGEMENT

Introduction

Uganda is continuously investing in improving and promoting the Tourism Sector and publicizing what can be available in the sector. This however will only yield results if Uganda is able to handle what will come out of this effort. The programme aims to develop high quality professionals preapred for the tourism sector by providing recipients with a thorough knowledge and understanding of tourism as a science, and its economic and social phenomena. The need to fill the void in the market for qualified individuals makes it necessary to carry out this programme and at the same time enable a smooth growth of the sector as a contributor to national development.

At the end of the course students will have gained an understanding of tourism as a human activity, science and service business and thus can be able to undertake to its management, development and application in the wider context of the national economy

.

Programme Outcomes

Through knowledge building and career development, the course in tourism operations management will aim at fulfilling a set of outcomes that will help consolidate the industry of tourism and propagate employment opportunities through job creation, employment and man power development. The main outcomes of the graduates of this programme will be:

- Ability to handle the tourism clients and market Uganda as a destination for tourists
- Exhibit professional ethical codes of conduct throughout the industry which will increase on the level and efficiency of customer handling.
- Conserve tourism resources in East Africa that are generally in fragile environments.
- Manage resource use conflicts in the industry which are becoming increasingly scarce.
- Achieve economics, socio- cultural and environmental sustainability in the industry.

Year 1

SEMESTER I	CU	
BTM 1101	Introduction To Tourism	3
BTM 1102	Environment And Tourism Development	4
GMT 1102	Business Communication Skills	3
ACC 1102	Principles Of Accounting	4
ECON 1101	Principles Of Economics	4
FRE 1101 / GER 1101	Introduction To French Language / Introduction To German Language	4
Semester Total		22

SEMESTER TWO		
BTM 1201	Global Travel Geography	3
BTM 1202	Animal Ecology	4
MKT 1201	Principles Of Marketing	3
LAW 1201	Business Law	4
ICT 1201	Computer Applications	4
FRE 1201	Intermediate French Language II	4
GER 1201	Intermediate German Language II	4
Semester Total		22

Year 2

SEMESTER ONE		
BTM 1103	Tourism Economics	4
BTM	Maps Analysis And Photographic Interpretations	4
BTM 2102	Tourism And Hospitality Management	3
BTM 2103	Tourism Analysis	3
MKT 2101	Marketing Management	4
FRE 2101	Advanced French Language III	4
GER 2101	Advanced German Language III	4
Semester Total		22

SEMESTER TWO		
BTM 2203	Tourism Organizations Management	3
GMT 2201	Research Methods And Statistics	4
BTM 2201	Airline Ticketing And Reservations	3
BTM 2202	Anthropology In Tourism	4
BTM 2203	Wildlife And Protected Area Management	4
BTM 2204	Leisure And Recreational Facility Management	4
Semester Total		22
GMT204 Internship		5

Year 3

SEMESTER ONE		
BTM 3101	Tourism Planning And Policy In East Africa	4
BTM 3102	East Africa Botanical Ecology	3
BTM 3103	Passenger Transportation System	4
BTM 3104	Entrepreneurship Development In Tourism	4
BTM 3105	Tour Operations Management	4
GMT 3103	Conflict Resolutions In Tourism Development	3
Semester Total		22

SEMESTER TWO		
BTM 3202	Sustainable Tourism Management	4
BTM 3203	Travel Systems Management	4
BTM 3201	Tourism Resource Management	4
BTM 2201	Customer Care for Tourism	3
BTM 1104	Ecotourism	4
GMT 3201	Dissertation Writing Skills	4
Semester Total		23

RESEARCH REPORT5

FACULTY OF BUSINESS AND MANAGEMENT

DIPLOMA IN BUSINESS ADMINISTRATION

DIPLOMA IN BUSINESS ADMINISTRATION

Introduction:

The Diploma in Business Administration program is designed to educate students and help them understand the theoretical and practical framework & the perspective of business management. Students are exposed to a range of management skills that are useful to succeed in the current business environment.
Programme Learning Outcome

By the end of the programme students will be able to;

- Interpret and critically evaluate, select and synthesise environmental information with rational analysis and problem solving skills within the business environment.
- Address business management issues, select and apply relevant methodologies and devise appropriate plans.
- Analyse the business environment information and adopt innovative approaches to the development of business plans.

Year 1

SEMESTER I

Code	Paper	CU
DGM 1102	Fundamentals of Business Communication Skills	3
DIC 1102	Introduction to Computer Application	4
DAC 1101	Fundamentals of Financial Accounting I	4
DGM 1101	Fundamentals of Business Administration	3
DEC 1101	Fundamentals of Business Economics	3
TCU		17

SEMESTER II

Code	Paper	CU
DGM 1201	Introduction to Business Law	3
DGM 1202	Principles of Business Mathematics and Statistics	4
DHR 1201	Elements of Human Resources Management	3
DAC 1201	Fundamentals of Cost Accounting	4
DAC 2101	Fundamentals of Financial Accounting II	4
TCU		18

Year 2

ACCOUNTING OPTION

SEMESTER I

Code	Paper	CU
DAC 2102	Principles of Auditing	4
DGM 2101	Business Computer Application	4
DGM 2102	Element of Research Methods	4
DAC 2103	Fundamentals of Taxation	4
DGM 2103	Principles of Project Planning and Management	4
TCU		20

SEMESTER II

Code	Paper	CU
DFI 2201	Element of Business Finance	4
DGM 2201	Business Ethics	4
DGM 2202	Mercantile Law	4
DAC 2201	Basics of Computerized Accounting	4
DGM 2203	Project (Research Proposal)	4
TCU		20

Year 2

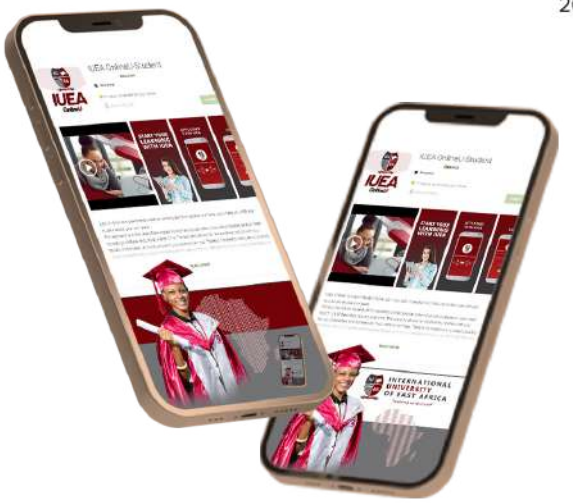
MARKETING OPTION

SEMESTER I

Code	Paper	CU
DMK 2101	Fundamentals of selling	4
DMK 2102	Marketing Environment	4
DMK 2103	Elements of international Marketing	4
DGM 2103	Principles of Project Planning and Management	4
DGM 2102	Elements of Research Methods	4
		20

SEMESTER II

Code	Paper	CU
DFI 2201	Elements of Business Finance	4
DGM 2201	Business Ethics	4
DAC 2205	Fundamentals of Taxation	4
DMK 2201	Elements of marketing research	4
DGM 2203	Project (Research Proposal)	4
		20



Did you know?

Our one-year Foundation programme grants students the ability to further their studies in the field of Business, Engineering, Science and Technology or Law.

Visit our website for more info:
www.iuea.ac.ug

FACULTY OF BUSINESS AND MANAGEMENT

DIPLOMA IN PUBLIC ADMINISTRATION

Introduction:

The Public Administration programme will provide students with the knowledge, skills and abilities needed to enter public administration, incorporating elements of general management practice including financial and human resource management in government.

By the end of the programme students will be able to;

- Demonstrate theoretical knowledge for understanding, developing, and implementing public policy and administration.
- Integrate academic theory with practitioner experience and skills.
- Apply appropriate analytical and research skills to the study of public administration.
- Identify relevant political and legal actors in the policy process and analyze their roles critically.
- Judge the ethical components of public responsibility.

Year 1

SEMESTER I

Code	Paper	CU
DGM 1103	Fundamentals of Business Communication Skills	3
DIC 1102	Introduction to Computer Application	4
DGM 1101	Principles of Business Mathematics & Statistics	4
DAC 1101	Fundamentals of Financial Accounting I	4
DPA 1101	Public Administration Theory	3
TCU		18

SEMESTER II

Code	Paper	CU
DHR 1201	Elements of Human Resources Management	4
DGM 1201	Elements of Management	3
DPA 1201	Public Administration Practice	3
DPA 1202	Principles of Local Government	3
DPA 1203	New Public Administration	3
TCU		16

Year 2

SEMESTER I

Code	Paper	CU
DGM 2102	Elements of Research Methods	4
DGM 2103	Principles of Project Planning and Management	3
DLA 2101	Elements of Administrative Law	4
DPL 2101	Basic Principles in Procurements and Logistics Management	3
DHR 2101	Leadership Skills Development	3
TCU		17

SEMESTER II

Code	Paper	CU
DPA 2201	Development Theory and Practice	3
DGM 2201	Environmental Management 3	
DPA 2202	Basic Principles of Decentralization	3
DPA 2203	Urbanization and Rural Development	3
DPA 2204	Principles of Non-Government Organization Management	4
DGM 2203	Research Proposal	4
TCU		19

FACULTY OF BUSINESS AND MANAGEMENT

CERTIFICATE IN BUSINESS ADMINISTRATION

CERTIFICATE IN BUSINESS ADMINISTRATION

Introduction

Justification for the Certificate in Business Administration

The Certificate in Business Administration introduces the fundamental concepts and practices of business to develop a broad-based practical understanding of its context, purpose and underlying functional areas: accounting, economics, finance, marketing and management. Whether one is an entrepreneur, a new business manager or a professional seeking a career transition with greater business responsibility, this certificate employs materials and techniques that are consistent with modern principles and best practices, providing knowledge and skills that can be used immediately. A student gets the advantage of a curriculum that is approved by the International University of East Africa Senate and taught by working professionals with many years of practical business experience.The products of the Programme will in effect counter the rapid increase in the demand for rained managers in the business management field.

Programme Objective

The programme is intended to produce graduates who are technically and practically competent in building careers in business administration. It is designed to develop students knowledge of the theories of business and practical application of the accounting and communication skills necessary for administering the business functions in the workplace and knowledge in organisational management. It focuses on current business issues, trends and challenges, and interactive learning which will assist in taking the next step in one's career.

Expected Outcomes of the Certificate Programme

At the end of the programme, graduates will be able to;

- Apply the basic business management knowledge and skills to their workplace.
- Operate as a lower to middle level officer with a business administration focus in small to medium sized enterprises.
- Identify the factors influencing the business market place and be able to explain the benefits of efficient and effective business administration.
- Understand and comply with workplace health and safety regulations.
- Develop effective oral and written communication skills that are necessary for teamwork.

Semester I	Course units	CU
CBA001	Book Keeping and Accounting	5
CBA002	Business English	5
CBA003	Introduction to Economics	5
CBA004	Fundamentals of Business Administration	5
		20

Semester II	Course units	CU
CBA005	Introduction to Business Law	3
CBA006	Fundamentals of Entrepreneurship	4
CBA007	Introduction to ICT	3
CBA008	Fundamentals of Human Resource Management	5
CBA 009	Elements of Marketing	5
		20
Total Credit Units for the Certificate Course		40

FACULTY OF ENGINEERING

The Faculty of Engineering at IUEA is one of the fastest growing faculties of engineering in Uganda and East Africa. It is gaining popularity among faculty leavers, parents, schools students, and industries. This is because all the engineering programmes offered by IUEA are currently supported by international level syllabi and top quality laboratories. Our students, accordingly, will have great employment opportunities.

Vision:

The vision of the Faculty is to be a leading provider of Engineering and Technology based education with innovative approaches to enhancing lifelong career opportunities. This is emphasised by our mission to provide engineering education based on a theoretical, experimental, and ethical foundation and enhanced by opportunities for participation in research, internships and interdisciplinary study.

Mission:

- To provide high quality and innovative teaching and learning that maintains professional accreditation for all its programmes.
- To provide an education based on a theoretical, experimental and ethical foundation enhanced by opportunities for participation in research, internships and interdisciplinary programmes.
- To educate graduates for professional leadership, civic influence and lifelong learning.

For all degrees within the Faculty, IUEA links with industry help to provide internship training placements for students. Internships are compulsory for all students as per the requirement of the NCHE of Uganda.

Internship (Industrial Training)

To meet the requirements of accreditation by the Engineering Accreditation Council of NCHE of Uganda and also to complement the theory and practical study at IUEA, a well-structured internship (Industrial Training) programme in collaboration with industry has been incorporated into the curriculum. The structures of all the programmes offered by the Faculty of Engineering include three periods of training each of 10-15 weeks. The main aims and objectives of the internship programme are to provide:

- Enhanced Employability
- Interpersonal and Social Skills
- Interrelationships of Theory and Practice
- Career Preparation
- Insight into the World of Work
- Personal Development
- Technical Development

This Internship programme will further enhance student's employability. In many cases the same company at which you had internship training will offer you employment as soon as you graduate. In all cases you will gain an invaluable insight into the world of work as an Engineer and be better equipped to position yourself for the career you seek.

Whether you join IUEA immediately after your secondary education or transfer to us from another institution of higher learning, we offer programmes depending on your prior qualifications and experience.

There will be a clear progression of your learning to ensure that you will be empowered with the necessary skills and knowledge to enter the corporate world.

If you enter our foundation course first, you will take a range of modules that will assist in developing your basic engineering knowledge prior to entering the degree programme and this allows time for decision on which of our degrees you want to pursue. At all times, our staff will be able to advise you on the choices available at each stage of your studies.

Objectives and Outcomes

1.Faculty of Engineering Programmes Educational Objectives (PEOs)

Program objectives addresses the graduate's attainment 5 years after graduation.This depends on the programme and will be given separately for each programme.

2.Faculty of Engineering Programmes Outcomes (PO's)

Program outcomes Consist of abilities to be attained by students before they graduate within the 4 year of studies. All the Engineering Programmes at IUEA are designed to fulfill the internationally agreed PO's of engineering programmes.

The main focus of all engineering programmes at IUEA is professional ability and the programmes are all rooted in research and development environments of a high international standard.

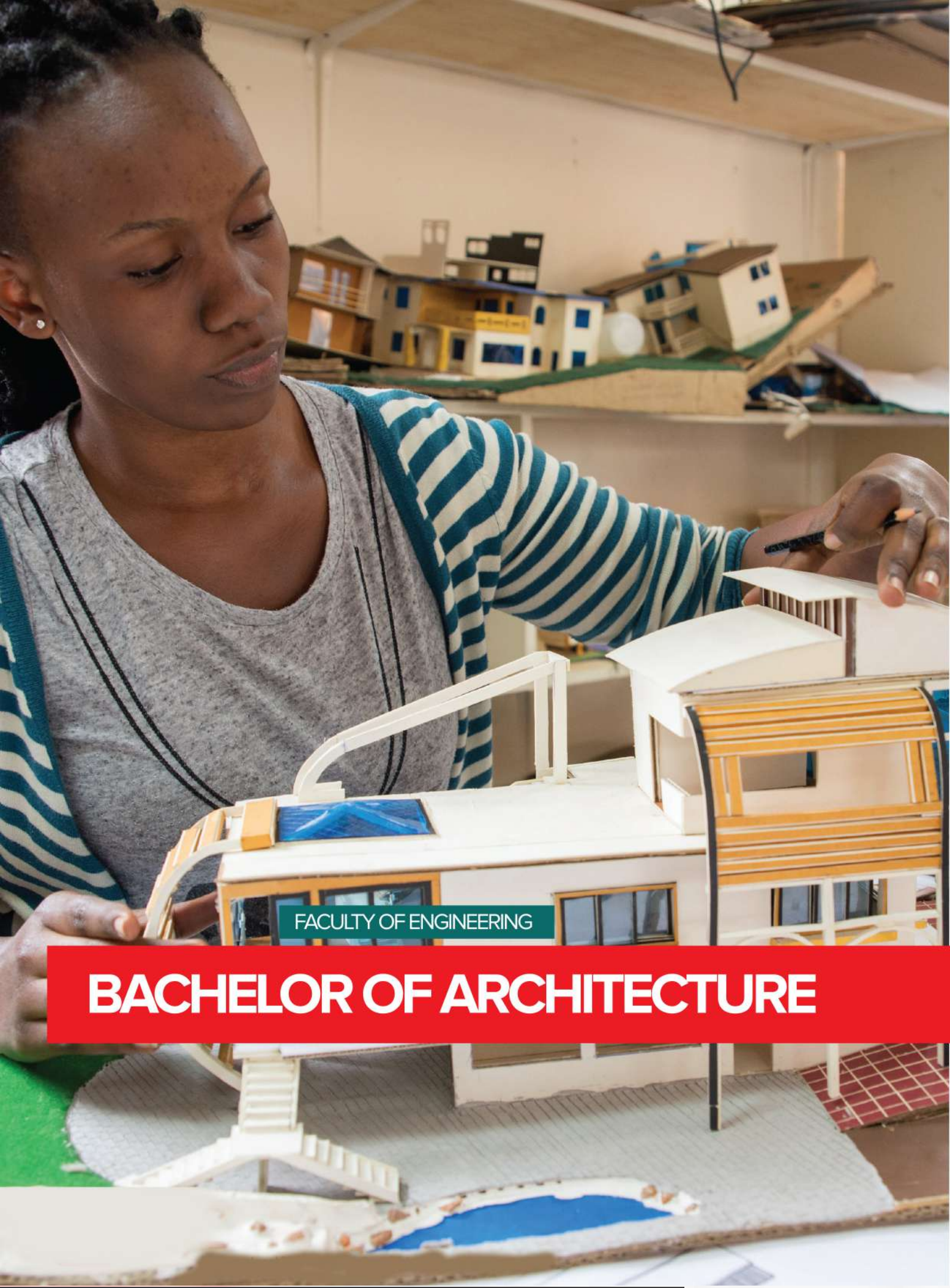
The following programme outcomes shall be attained in your completion of the degree programme.

PO1. Ability to gain and apply basic principles of Mathematics, Science and Engineering.
PO2. Ability to identify engineering problems and apply basic engineering principles to solve them.
PO3. Ability to recognize and apply suitable tools and techniques for engineering practical applications.
PO4. Ability to investigate complex engineering problems using research techniques.
PO5. Ability to design innovative solutions for complex engineering problems.
PO6. Ability to communicate effectively and professionally.
PO7. Ability to comprehend and demonstrate current good practices of engineering for sustainable development and environmental considerations.
PO8. Ability to practice safety, health, social, cultural, legal and environmental responsibilities as an engineer.
PO9. Ability to execute the responsibilities of an Engineer professionally and ethically.
PO10. Ability to function effectively as a team leader or a member in a team.
PO11. Ability to recognize the need for, and be able to engage in independent and life-long learning towards continuous professional development
PO12. Ability to demonstrate and apply the knowledge and understanding of engineering management and finance.
PO13. Ability to solve tasks in an international context

Programmes currently running at FOE

Currently the Faculty of Engineering is running the following BSc. and Diploma Programmes.

1. BSc. In Electrical and Control Engineering
2. BSc. In Mobile and Satellite Communication
3. BSc. In Mechatronics and Robotic Engineering
4. BSc. In Civil Engineering
5. BSc. In Petroleum Engineering
6. B. Architecture.
7. Diploma in Electrical and Electronic Engineering
8. Diploma in Civil Engineering
9. Diploma in Architecture.



FACULTY OF ENGINEERING

BACHELOR OF ARCHITECTURE

About Bachelor of Architecture Programme

We at Faculty of Engineering of IUEA, believe that design thinking is at the essence of an architectural education. The mission of IUEA Department of Architecture and Design is to nurture and inspire design-minded students. Department of Architecture graduates demonstrate a firm foundation of critical thinking, ethical behavior, and a culture of professional practice on their way to becoming socially responsible leaders of change for our global society.

Our program will teach you both the foundation of the profession as well as the advanced theories and practical application of creating inspirational structures in a sustainable manner. The architecture program focuses on preparing our students to work in the field, and therefore is not only theory based. We emphasize practice and studio culture, and the curriculum is built on evidence based design and project based learning model.

Why degree in Architecture?

Studies of Architecture are considered a bridge between engineering sciences and the arts. In the current ages, it has become imperative for a developing country like Uganda to equip architects with the right knowledge and tools to service this highly competitive building industry.

Career Prospects

Graduates of the B. Arch program are trained for careers in government and private sector construction companies, engineering and design firms as well as in education and consulting organizations nationally and internationally. B. Arch graduates can work as architects, interior designers and design consultants, project managers in engineering firms and architects in design offices and furniture showrooms.

Programme Structure

The B. Architecture is a five year programme. To be awarded the degree, the students must successfully pass at least 240 credits.

Year 1

Semester 1

Code	Course Title	CU
MTH1121	Mathematics for Architects	3
ARC1101	History of Architecture–I	3
ARC1102	Architecture Sociology	3
ARC1103	Building Construction & Technology I (Materials)–I	3
ARC1111	Architectural Drawing–I	3
ARC1112	Design Fundamentals I	4
ARC1113	Environmental Building Science	3
HUM1101	Communication Skills I: Grammar & Report Writing	3
Total Credits		25

Semester 2

Code	Course Title	CU
ARC1201	Theory ofStructures–I	3
ARC1202	History of Architecture–II	3
ARC1203	Theory of Architecture–I	3
ARC1204	Surveying	3
ARC1211	Building Construction & Technology–II	3
ARC1212	Design Fundamentals–II	3
ARC1213	Architectural Design Studio –I	5
HUM1202	Communication Skills: Critical Thinking	2
Total Credits		25

Year 2

Semester 1

Code	Course Title	CU
ARC2101	Theory of Structures–II	3
ARC2102	History and Theory of Architecture –I	3
ARC2103	Human Settlement & Planning	3
ARC2104	Building Construction & Technology IIII	3
ARC2111	Architecture Drawing (Computer Aided Visualisation)	3
ARC2112	Graphics Design & Illumination	3
ARC2113	Architectural Design Studio–II	7
Total Credits		25

Semester 2

Code	Course Title	CU
ARC2201	Theory of Structures–III	3
ARC2202	History and Theory of Architecture –II	3
ARC2203	Interior Design	3
ARC2204	Building Construction & Technology–IV	3
ARC2211	Building Services–I	3
ARC2212	Architecture Modeling	3
ARC2213	Architectural Design Studio–III	7
Total Credits		25

Year 3

Semester 1

Code	Course Title	CU
ARC3101	Building Regulation	3
ARC3102	History and Theory of Architecture–V	3
	Elective–I	3
ARC3111	Building Services–II	3
ARC3112	Site Analysis, housing and Planning	3
ARC3113	Building Construction & Technology–IV	3
ARC3114	Architectural Design Studio –IV	7
Total Credits		25

Semester 2

Code	Course Title	CU
ARC3201	Design of Structures–III (R.C & Metallic Structures)	3
ARC3202	History & Theory of Architecture–VI	3
ARC3211	Building Services–III (Lighting & Acoustics)	3
ARC3212	Architectural Design Development	3
ARC3213	Architectural Design Studio –V7	
	Elective–II	3
	Elective–III	3
Total Credits		25

Year 4

Semester 1

Code	Course Title	CU
ARC4101	Specifications and Estimation	3
ARC4102	Research Methods	3
ARC4103	Professional Practiceand Ethics	3
	Elective – IV	3
	Elective – V	3
ARC4111	Urban Design Theory	3
ARC4112	Architectural Design Studio–VI	7
Total Credits		25

Semester 2

Code	Course Title	CU
	Elective- VI	3
ARC4211	Dissertation I: Topic and Proposal	10
ARC4202	Design Research Studio – I	3
ARC4213	Architecture Design Studio – VIII	7
ARC4214	Working Drawing – 1	3
Total Credits		26

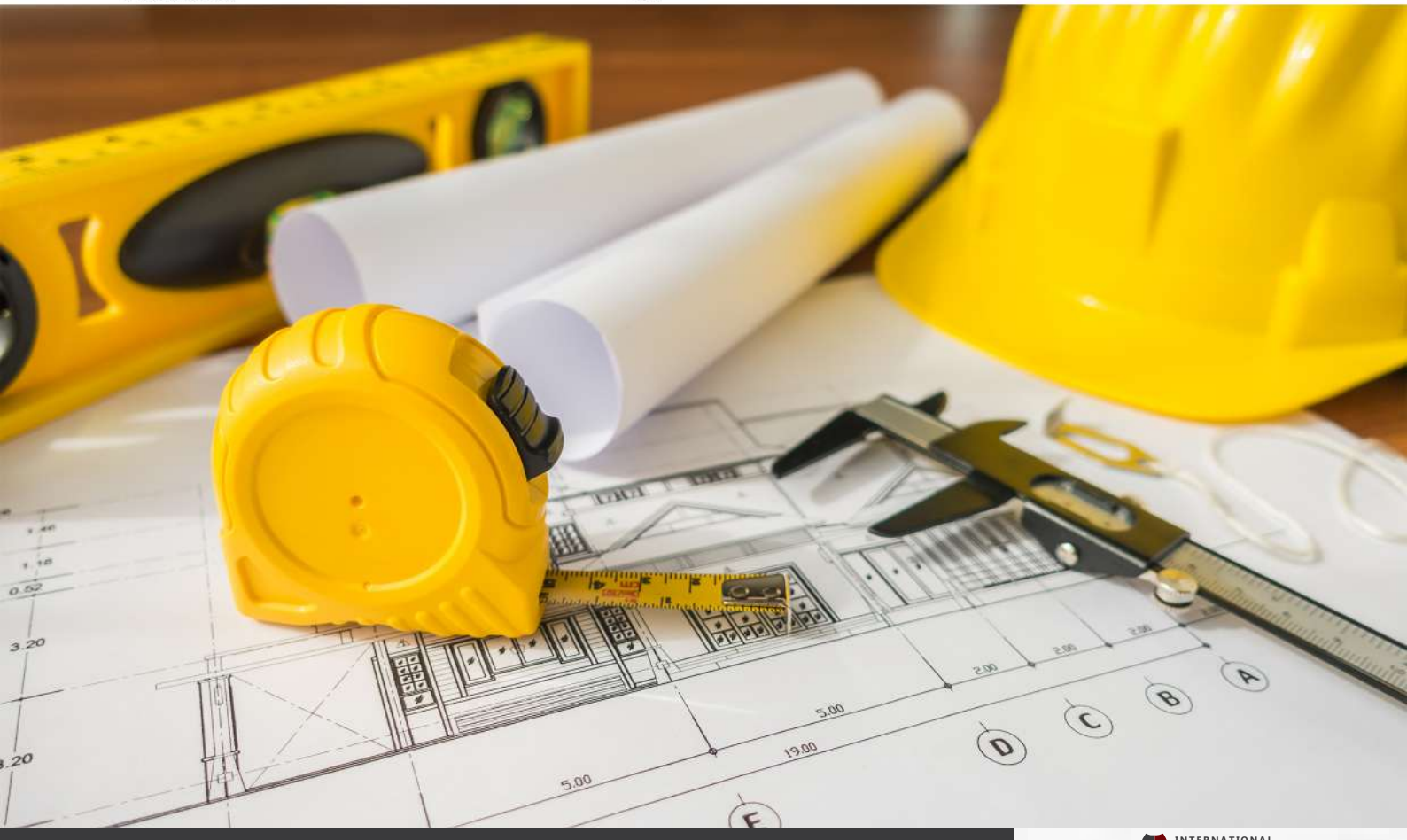
Year 5

Semester 1

Code	Course Title	CU
ARC5101	Practical Training–I	10
ARC5103	Design Research Studio – II	3
ARC5112	Thesis Investigation and Proposal	7
ARC5115	Working Drawing – II	3
Total Credits		23

Semester 2

Code	Course Title	CU
ARC5212	Design Thesis Project	10
ARC5213	Exhibition Design and Implementation	5
ARC5214	Documentation and Dissemination of Design and Design Process	5
Total Credits		20



FACULTY OF BUSINESS AND MANAGEMENT

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

About Civil Engineering

Civil engineering is the oldest branch of the profession of engineering that deals with planning, design, construction and maintenance of the built environment on which society depends. Many of the life sustaining important things in our lives are the product of civil engineering. There are two broad types of civil engineer leaders: those who work in creating visible infrastructures such as buildings, highways, bridges, airports, ports, waterways, and dams; and those who work behind the scenes such as in building foundations, water treatment plants, water supply pipe systems, ecological restoration and underground drainage systems.

The IUEA program for the Bachelor of Science in Civil Engineering offers courses in the several sub-disciplines of civil engineering that include structural engineering, water resources engineering, geotechnical engineering, transportation engineering, and construction engineering.

Year 1

Semester I (All Core Courses)

Code	Course Title	CU
EMT1123	Mathematics for Engineers I	3
EPH1113	Engineering Physics	3
GMT1131	Communication Skills	3
MEC1151	Engineering Drawing and CAD	3
BCE1105	Engineering Profession and Society	3
EMT1141	Engineering Mechanics – Statics	3
ECH1118	Chemistry for Engineers	3
ELE1131	Electrical Principles I	3
Semester Load =		24

Semester II (All Core Courses)

EMT1224	Engineering Mathematics II	3
BCE1202	Strength of Material	3
MEC1203	Introduction to Engineering Material	3
BCE1204	Engineering Surveying I	3
ELE2232	Electrical Installation	3
MEC1212	Manufacturing Technology	3
EMT1242	Engineering Mechanics – Dynamics	3
CME1211	Computer Methods I	3
Semester Load =		24

Year 2

Semester 1

EMT2123	Engineering Mathematics III	3
BCE2102	Structural Analysis I	4
MEC2101	Thermofluids	3
BCE2104	Engineering Surveying II	3
BCE2103	Civil Engineering Drawing	4
BCE2105	Concrete Technology	4
BCE2106	Construction Technology I	4
Semester Load =		24

Semester 2

EMT2223	Numerical and Statistical Methods for Civil Engineering	3
BCE2202	Structural Analysis II	4
BCE2203	Computing for Civil Engineering	3
BCE2204	Construction Technology II	3
BCE2205	Geotechnical Engineering I	4
BCE2206	Engineering Geology	4
HUM2207	Environmental Engineering I	3
Semester Load =		24

The objective of the Civil Engineering Programme is to prepare students for engineering careers and/or advanced study in civil engineering and to offer research and service programs for the general public. Civil engineers have responsibility for designing various structures, including bridges, highways, and infrastructure facilities. The program places special emphasis on solving problems in urban areas.

In general, as one of the engineering oldest disciplines, civil engineering focuses on designing, managing and strengthening:

- Bridges, dams and waterways
- Buildings and transportation hubs
- Energy resources and management
- Pollution control
- Roads and tunnels
- Soil science
- Waste and hazardous material disposal systems
- Water supply and sewage systems

Year 3

Semester I (All Core Courses)

BCE3101	Design of Concrete and Pre-stressed Structures	4
BCE3102	Hydraulics and Hydraulic Structures	4
BCE3103	Water Resources and Hydrology	3
BCE3104	Geotechnical Engineering II	4
BCE3105	Measurement of Building Works	3
BCE3106	Research Methods and Proposal Writing	3
BCE3207	Transportation Engineering	3
Semester Load =		24

Semester II

BCE3201	Design of Steel Structures	4
BCE3202	Water Treatment and Supply Engineering	3
BCE3203	Highway Engineering	3
BCE3204	Construction Technology III	4
BCE3205	Measurement of Civil Engineering Work	3
BCE3206	Group Design Project	4
	Elective I 3	
Semester Load =		24

Year 4

Semester 1

BCE4101	Design of Timber and Masonry Structures	3
BCE4102	Sanitation Engineering	3
BCE4103	Construction Management	3
BCE4104	Estimating and Tendering	3
BCE4105	Entrepreneurship Skills	3
BCE4106	Research Proposal Writing and Presentation	3
	Elective II	3
	Elective III	3
Semester Load =		24

Semester 2

BCE4201	Building Services	4
BCE4202	Construction Law	3
BCE4203	Traffic Engineering and Management	4
BCE4204	Project Management	3
BCE4205	Urban Engineering	3
BCE4206	Individual Project	4
	Elective IV	3
Semester Load =		24

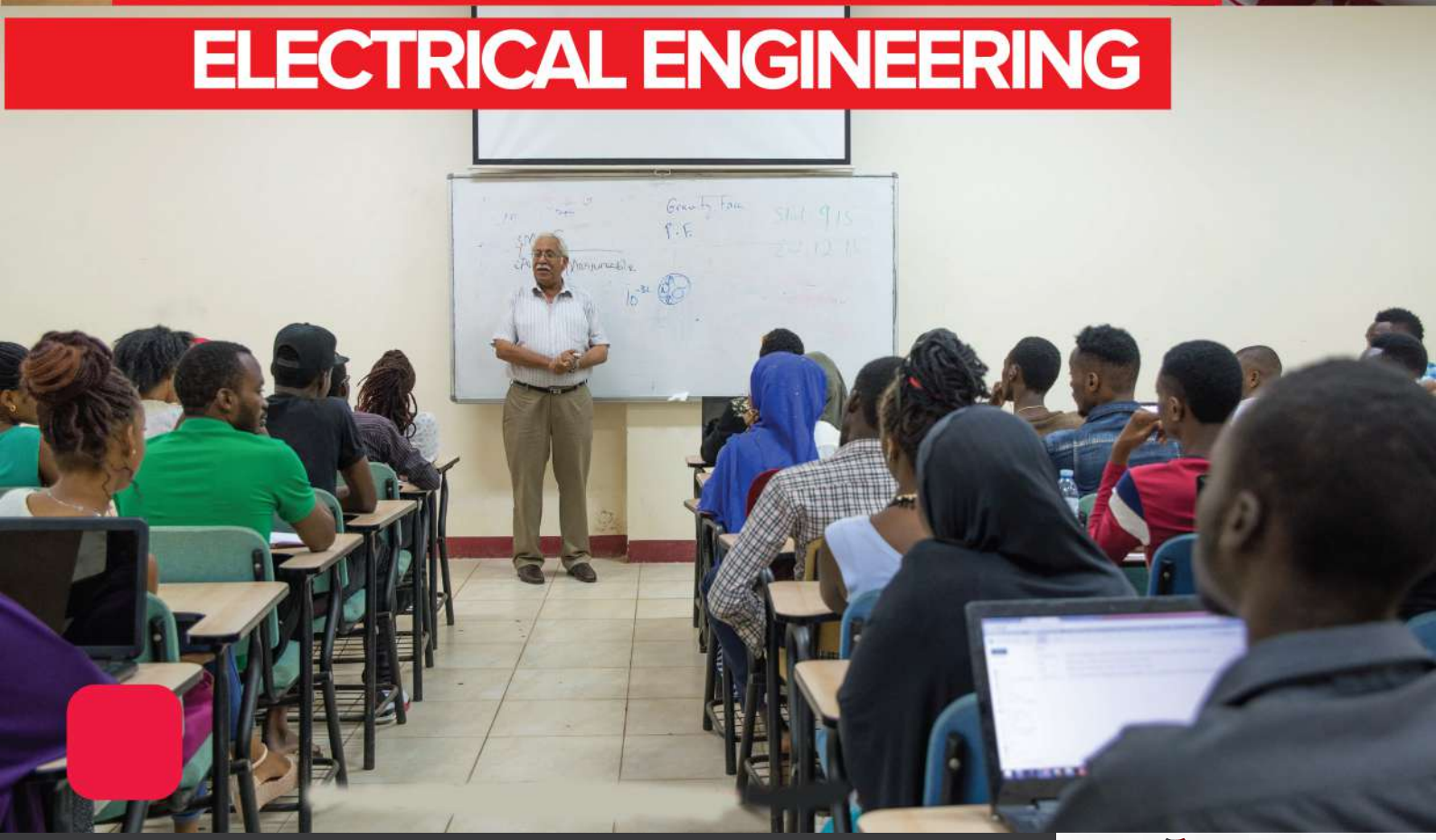
To meet requirements for the Bachelor of Civil Engineering, a candidate must:

(a) successfully complete 192 credit points

(b) Complete the Industrial Training periods.

FACULTY OF ENGINEERING

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING



About the Bachelor of Electrical Engineering

This programme is specifically designed to provide:

- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in electrical, control and electronic engineering fundamentals.
- A study in both the areas of electronics fundamentals as well as electrical power systems including the areas of generation, transmission and distribution of electrical energy.
- The technical skills required for the application in the fields of communication and the IT industry through a well balanced curriculum which includes the study of signals and computing.

Programme Educational objectives

Graduates of IUEA Bachelor of Engineering in their respective programs are expected within five years of graduation to attain the following programme educational objectives:

- Be working as a practicing professional engineer in the field of Electrical and Electronics Engineering.
- Have progressed in their Electrical and Electronics Engineering careers or other chosen profession and/or are engaged in advanced studies in Electrical and Electronics Engineering or other related fields.
  An Electrical and Control Engineer may be responsible for research, design , development, manufacturing and management of complex hardware and software systems and reliable, cost effective devices, many involving the use of new information and computer intensive technologies. These include integrated electronic systems; renewable energy systems; generation, transmission and distribution of electrical power; instrumentation in electrical and electronic systems; manufacturing; microelectronics; and photo electronics.

Year 1

Semester 1		
EPH1113	Engineering Physics (1)	3
EMT1123	Mathematics for Engineers (1)	4
EMT1141	Engineering Mechanics - Dynamics	3
ECH 1118	Chemistry for Engineers	3
CSK 1131	Communication Skills	3
MEC1151	Engineering Drawing and CAD	3
ELE1131	Electrical Principle (1)	4
Total		23
Semester 2		
ELE2232	Electrical Installation	3
EMT1224	Mathematics for Engineers (2)	4
EMT1242	Engineering Mechanics – Statics	3
CME1211	Computer Methods (1)	3
MEC1212	Manufacturing Technology	3
MEC1203	Introduction to Engineering Materials	3
ELE1232	Electrical Principles (2)	4
TOTAL		23

1st Industrial Training

Year 2

Semester 1		
EMT2123	Mathematics for Engineers (3)	3
CME2112	Computer Methods (2)	3
CME2116	Digital Logic Design	3
ELE2211	Electrical Meas. & Instrumentation (1)	3
CSK 2232	Technical Report Writing	3
ELE2131	Electrical and Magnetic Fields (1)	3
ELC2131	Analogue Electronics (1)	3
TOTAL		21
Semester 2		
EMT2224	Mathematics for Engineers (4)	3
HUM2261	Engineering Economy	3
ELE2221	Electrical Machines (1)	3
ELE2212	Electrical Meas. & Instrumentation (2)	3
MEC2101	Thermofluids	3
ELE2233	Electrical and Magnetic Fields (2)	3
ELC2232	Analogue Electronics (2)	3
Total		21

2nd Industrial Training

Year 3

Semester 1		
EMT3127	Engineering Statistics and Probability	3
CME3113	Microcontroller Based Systems	4
ELE3122	Electrical Machines (2)	3
ELE3221	Power Electronics (1)	3
ELE3142	Power Systems (1)	3
MEC3241	Energy Power Systems (Non-conventional Systems)	3
ELE 3111	Fundamentals of Control Engineering	3
Total		22
Semester 2		
ELE3232	Network Analysis	3
ELE3222	Power Electronics (2)	3
ELE4143	Power Systems (2)	4
HUM3161	Environmental Engineering	3
ELE4242	Power System Protection	3
ELE3212	Control Systems (1)	3
ELE3224	Electrical Drives (1)	3
Total		22

Year 4

Semester 1		
ELE4112	Control Systems (2)	3
ELE4121	Electrical Machines (3)	3
ELE4114	Embedded Systems	4
ELE4148	High Voltage Engineering	3
ELE4143	Renewable Energy in Power Systems	3
ELE4144	Electrical Power Distribution	3
ELE 4109	Project 1	3
Total		22
Semester 2		
ELE4248	Illumination	3
ELE4221	Electrical Drives (2)	3
ELE424X	Power System Stability	3
MEC4241	Power Plant Technology	3
HUM4261	Engineering Management and Labour Relations	3
ELE4209	Final year Project	6
Total		21

FACULTY OF ENGINEERING

BACHELOR OF SCIENCE IN PETROLEUM ENGINEERING

What is a BSc in Petroleum Engineering?

Petroleum Engineering is a unique programme that combines petroleum, gas and exploration engineering to cater for the ever-demanding oil and gas industry.

Petroleum engineers have many responsibilities within their field. They monitor the development of oil and gas wells, design treatment facilities, and manage a variety of technologies. The curriculum for a petroleum engineering programme is quite extensive, and students are expected to master certain objectives before receiving their degree. Some of the courses taught in the program include chemistry, geology, reservoir engineering, and engineering physics. After completing the program, the student should have a thorough understanding of petroleum systems and various engineering principles.

Petroleum engineers are in high demand throughout the world. Energy will always be an important part of people's lives. They need it to power their homes as well as their vehicles. As a petroleum engineer, you provide citizens with access to one of the most important resources. The work you do is essential to sustaining modern-day society.

Within the oil and gas industry, petroleum engineers have a number of important duties. They design wells, manage drilling equipment, and develop new technologies. These professionals are indispensable components of their business. Many employers are keen to hire those with a background in petroleum engineering. In recent years, several new positions have arisen that cater to the talents of petroleum engineers. Some of these jobs include underground waste disposal, pollution clean-up, and hydrology. There is no shortage of career opportunities for petroleum engineers.

Career Opportunities

Petroleum engineers travel to where petroleum reservoirs are known to exist. They define and develop the reservoirs, and produce oil and gas with maximum profitable recovery. Petroleum engineering allows one to specialize in several different oil & gas specialties, each with its own unique challenges and rewards. The careers and job activity areas are as a:

- Drilling engineer, working with geologists and contractors in designing and supervising drilling operations.
- Production engineer, developing processes and equipment to optimize oil and gas production.
- Reservoir engineer and help determine ideal recovery processes, estimate the number of wells that can be economically drilled, and simulate future performance using sophisticated computer models.
- Manager, an entrepreneur, economist, or environmental/safety specialist.

Year 1

Semester 1

EPH1113	Engineering Physics (1)	3
EMT1123	Mathematics for Engineers (1)	4
EMT1141	Engineering Mechanics – Statics	3
PTE1162	Introduction to Energy Technology	3
CSK 1131	Communication Skills	3
PTE1152	Introduction To Geology	3
PTE1161	Introduction to Petroleum Engineering	3
ECH1218	Engineering Chemistry	3
Total		25

Semester 2

PTE1251	Petroleum Geology	3
EMT1224	Mathematics for Engineers (2)	4
EMT1242	Engineering Mechanics – Dynamics	3
CME1211	Computer Methods (1)	3
PTE1253	Mineralogy	3
MEC1203	Introduction to Engineering Materials	3
PTE1252	Petrology	3
TOTAL		22

1st Industrial Training

Year 2

Semester 3

PTE2111	Drilling Engineering	3
PTE2154	Petroleum Geophysics I	3
PTE2151	Thermodynamics	3
PTE2152	Sedimentology and Surface Processes	3
PTE2153	Petroleum Geochemistry	3
PTE2155	Structural Geology	3
PTE2156	Geological Mapping and Instrumentation	3
Total		21

Semester 4

PTE 2211	Well Engineering	3
PTE2251	Analysis of Sedimentary Basins	3
PTE2252	Well Logging	3
PTE2221	Reservoir Engineering I	3
PTE2253	Research Methods	3
PTE2222	Geostatics and Reservoir Modelling	3
PTE2254	Petroleum Geophysics II	3
PTE2261	Field Attachment	5
TOTAL		26

2st Industrial Training

Year 3

Semester 5

PTE3121	Reservoir Engineering II	3
PTE3161	Petroleum Production Engineering	3
PTE3151	Petrophysics	3
PTE3111	Well Testing	3
PTE3122	Petroleum Engineering Design Project	3
PTE3162	Petroleum Data Management	3
PTE3152	Remote Sensing	3
PTE3163	Oil and Gas Project Management	3
Total		24

Semester 6

PTE3251	Geophysics Data Processing and Interpretation	3
PTE3262	Facilities Engineering	3
PTE3252	GIS	3
PTE 3221	Integrated Oil and Gas Field Evaluation Project	3
PTE3265	Field Attachment	5
PTE3261	Petroleum Economics	3
PTE3263	Petroleum Production Engineering	3
PTE3254	Environmental Management in Petroleum Industry	3
TOTAL		26

3rd Industrial Training

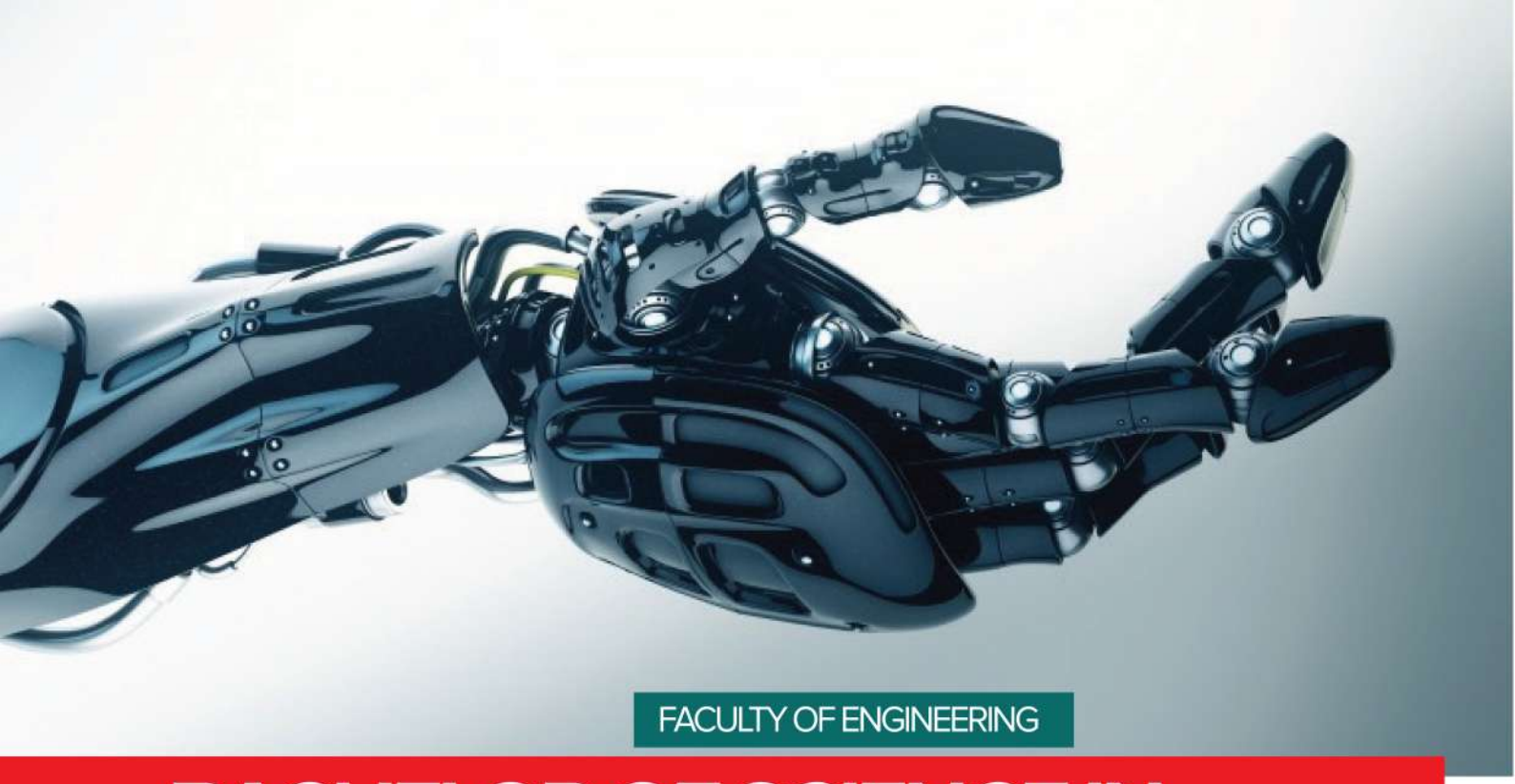
Year 4

Semester 7

PTE4161	Oil Exploration and Production Law	3
PTE4131	Hydrocarbon Flow Assurance	3
PTE4151	Development of Oil and Gas Fields	3
PTE4152	Enhanced Oil and Gas Recovery	3
PTE4132	Oil and Gas Processing	3
PTE4121	Reservoir Characterization	3
PTE4122	Reservoir Geophysics	3
PTE4167	Seminar Presentation	5
Total		26

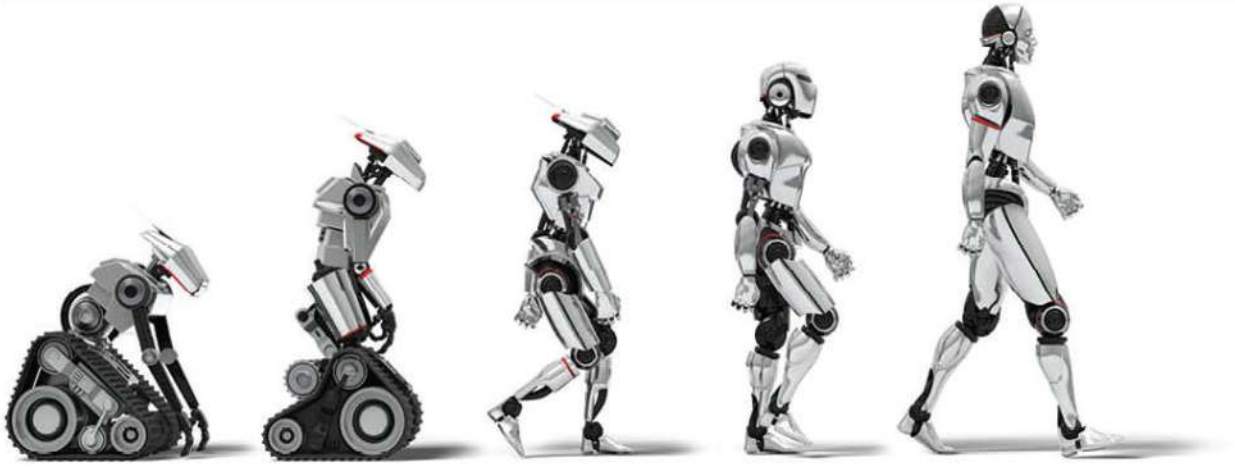
Semester 8

PTE4251	Health and Safety in Oil and Gas	3
PTE4261	Risk Analysis and Management in Oil and Gas	3
PTE4221	Natural Gas Engineering	3
PTE4222	Numerical Reservoir Simulation	3
PTE4232	Oil and Gas Processing	3
PTE4267	Petroleum Engineering Project – Final year project	6
TOTAL		21



FACULTY OF ENGINEERING

BACHELOR OF SCIENCE IN MECHATRONICS AND ROBOTICS



This programme is specifically designed to provide:

- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in Mechatronic engineering fundamentals.
- A study of basic engineering sciences and fundamentals of mechanical, electrical, electronics, control and computing engineering. Students will be to integrate these five diverse areas of study.
- The technical skills to design, analyse and test "intelligent" products or processes that incorporate suitable controller, sensor and mechatronic devices for robotics and automation.

Programme Educational Objectives

Graduates of IUEA Bachelor of Engineering in their respective programs are expected within four years of graduation to attain the following programme educational objectives:

- Be working as a practicing professional engineer in the field of Mechatronic and Robotic Engineering.
- Have progressed in their Mechatronic and Robotics Engineering careers or other chosen profession and/or are engaged in advanced studies in Mechatronic Engineering or other related fields.

BACHELOR OF SCIENCE IN MECHATRONICS AND ROBOTICS

With a bachelor of science in engineering degree in Mechatronics you will have the following competencies:

- Ability to design and calculate mechanical designs
- Ability to design and calculate electronic circuits
- Ability to develop software for intelligent products
- Ability to model and build mechatronic systems and implement these systems
- Ability to apply technological knowledge and theories for the development of new products
- Specialised knowledge within one profile: Mechanical Engineering, Electronic Engineering or Embedded Engineering
- Ability to carry out development projects independently and in teams.

Career Opportunities

You are qualified for jobs as:

- Development engineer, e.g. with managerial responsibility
- Project manager
- Technologies specialist
- Consultant or customer adviser
- Project salesperson
- Teacher
- Researcher at Ugandan universities or abroad
- Entrepreneur with your own company.

Year 1

Semester 1

Code	Title	Credits
EMT1101	Mathematics for Engineers I	4
EPH1101	Physics for Engineers I	3
ECH1101	Engineering Chemistry	3
EMT1102	Engineering Mechanics (Static)	3
ELE1101	Electrical Principles I	3
MEC1101	Engineering Drawing and CAD	3
CSK1101	Communication Skills	3
Total		22

Semester 2

EMT1201	Mathematics for Engineers II	4
MAR1201	Material and Manufacturing Process	3
ELE1202	Computer Methods I (Programming using C)	3
EPH1201	Engineering Physics II	3
ELE1201	Electrical Principles II	3
EMT1202	Engineering Mechanics – Dynamics	3
MAR1203	Introduction to Engineering Material	3
Total		22

Year 2

Semester 1

Code	Title	Credits
EMT2102	Mathematics for Engineers III	3
ELC2101	Electronic Principles & Devices	3
MAR2103	Thermofluids	3
ELC2101	Digital Logic Design	3
EMT2101	Applied Finite Mathematics	3
ELE2102	Computer Methods II (Programming by C++)	3
MAR2012	Mechatrronics I –Pneumatics	3
Total		21

Second Semester

EMT2201	Mathematics IV	3
MAR2201	Mechatronics II	3
EMC2202	Mechanics of Materials	3
MAR2202	Electro-Mechanical System	3
MAR2203	Robotics I	3
MAR2201	Production Engineering	3
ELE2201	Network Analysis	3

Year 3

Semester 1

Code	Title	Credits
MAR3103	Control System	3
MAR3106	Robotics 2	3
MAR3102	Plastics and Composite Materials	3
MAR3101	Microcontroller based System	3
MAR3104	Power Electronics and Application to Electro-Mechanical Systems	3
MAR3105	Sensors and Actuators	3
HUM3101	Environmental Engineering	3
Total		21

Semester2

MAR3201	Mechatronics 3	3
MAR3204	Theory of Machines	3
ELE3202	Signal Processing	3
ELC3205	Embedded System	3
MAR3203	Instrumentation Measurement	3
ELE3201	Engineering Business	3
MAR3205	PLC Programming	3
Total		21

Year 4

Semester 1

Code	Title	Credits
MAR4103	Mechanical Vibration	3
MAR4101	Robotics 3	3
MAR4106	Design of Machine elements	3
MAR4102	Design of Mechatronics System	3
MAR4105	Mechatronics Design Lab	3
MAR4104	Process Control	3
MAR4107	Mechatronics 4 – Mechatronics and Networks	3
MAR4109	Production Tooling and Automation	3
Total		21

Semester 2

MAR4206	Mechatronics Graduation Project	6
HUM4201	Engineering Management	3
MAR4202	Intelligent Mechatronics	3
MAR4203	Energy Conversion	3
MAR4204	Computer Applications in Manufacturing	3
MAR4201	Electro-mechanical Systems and Applied Mechatronics	3
Total		21

FACULTY OF ENGINEERING

BACHELOR OF SCIENCE IN MOBILE AND SATELLITE COMMUNICATION

The continued growth in all areas of communication technology means that communication engineering graduates are highly desired for positions in new product design and innovation, as well as product and systems management. All types of modern communication, from mobile phones and satellites, to digital television and internet, require the skills of communication engineers and provide a platform for rapid career development.

The Mobile and Satellite communication engineering B.Sc. program at IUEA offers students excellent quality education needed by highly qualified future communication engineers. The program gives the students the opportunity to select technical electives from a pool of courses.

This programme is specifically designed to provide:

- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in telecommunication engineering fundamentals.
- A study in the areas of telecommunication engineering which covers the structure of mobile computing systems, telecommunication systems & networks, and software systems.
- The technical skills to cover the ever demanding expertise in the fields of microwave and optical Transmission, satellite communications and RF communications

Programme Educational objectives

Graduates of the Mobile and Satellite Communication programme are expected within five years of graduation to attain the following programme educational objectives:

- Be working as a practicing professional engineer in the field of Telecommunication Engineering.
- Have progressed in their Telecommunication Engineering careers or other chosen profession and/or are engaged in advanced studies in Telecommunication Engineering or other related fields.
- Have gained a strong understanding of the principles of mobile and satellite communication systems,
- Have ability for analysing mobile communications with the interpretation of the call prints.
- Have possessed understanding of the basic principles of the modern mobile, satellite and wireless communication systems.
- Understanding the operation of mobile communications systems and their generation divisions .

BACHELOR OF SCIENCE IN MOBILE AND SATELLITE COMMUNICATION

Year 1

First Semester

Code	Title	Credits
MATH1321	Applied Mathematics for Engineers 1A	4
MATH 1311	Mathematics for Engineers IA	4
ENEL1DR1	Engineering Drawing & CAD	3
PHYS 1511	Physics for Engineers 1A	3
ENEL1EA1	Electrical Principles I	3
CHEM1101	Engineering Chemistry	3
ENEL1CS1	Communication Skills	3
Total		23

Second Semester

MATH1412	Applied Mathematics for Engineers 1B	3
MATH 1422	Mathematics for Engineers 1B	4
PHYS1522	Physics for Engineers 1B	3
ENMT1EB2	Electrical Principles II	3
ENME1EM2	Introduction to Engineering Material	3
ENEL1CA2	Computer Methods I (C language)	3
MEC1212	Manufacturing Technology	3
Total		22

Year 2

First Semester

Course Code	Title	Credits
MATH2391	Applied Finite Mathematics	3
MATH2031	Mathematics for Engineers 2A	3
PHYS2511	Optics & Wave Motion	3
ENEL2FT1	Field Theory	3
ENEL2CB1	Computer Methods II (C++ language)	3
ENEL2DL1	Digital Logic Design	3
ENMT2TF1	Thermofluids	3
Total		21

Second Semester

MATH 2482	Mathematics for Engineers 2B	3
ENMS2CO2	Communications	3
ENEE2DP2	Digital Principles	3
ENEL2EM2	E-M Theory	3
ENMS2SY2	Introduction to Communication Systems	3
ENMS3WC2	Wireless Communication Systems	3
ENHU2EC2	Engineering Economics	3
Total		21

Year 3

First Semester

Course Code	Title	Credits
ENMT3MS1	Microcontroller Based Systems	4
ENEL3MC2	Principles of Mobile and Satellite Systems	3
ENEL4MC1	Principles of wireless Mobile Networks	3
MATH3701	Statistics & Probability	3
ENML3EN1	Environmental Engineering	3
ENMS3AP1	Antennas and Propagation	4
		20

Second Semester

ENMS3MC2	Mobile Communication	4
ENMS3TH2	Telecommunications Hardware	4
ENMS4CS2	Digital Communications	3
ENMS4DC2	Data Communications	4
ENEL3DS2	Digital Signal Processing	4
ENEL3EB2	Engineering Business	3
	Total Credits 22	

Year 4

First Semester

Course Code	Title	Credits
ENMS4CN1	Communications Networks/ Internet Engineering	4
ENEL4SC1	Satellite Communication	4
ENEE4SE1	Security And Encryption	4
ENEL4MT1	Mobile Systems Hardware Technologies	3
ENEL4ES1	Embedded Systems	4
MAS4106	Media and Environmental Engineering	3
Total Credits		22

Second Semester

ENEL4OC2	Optical Communications System Design	4
ENEL4SW2	Communications SW Development	3
ENHU4EM2	Engineering Management	3
ENEL4MS2	Microwave Systems	4
ENMT4PR2	Project	9
		23

DIPLOMA IN CIVIL ENGINEERING

Programme Objectives

The general objectives of the programme are:

- Produce engineering technicians who are well equipped in theoretical and practical technical skills to manage the construction industry.
- Train people who will be innovative and job creators.
- Train people who will be able to advance in higher education, research and development.
- Train personnel to work in government and private institutions.
- Train personnel who will conserve the environment and maintain public health.

Programme Learning Outcomes.

By the end of the programme, learners should be able to:

- Put into practice the theoretical and practical aspects of Construction Technology.
- Assist in execution of Construction projects by working for and with other partners or self-employment.
- Assist in the management and supervision of construction projects.
- Impart the acquired knowledge and skills to other interested persons.

Year 1

First Year Semester I: Core Projects: Building a Non Storied house up to wall plate

CODE	MODULE TITLES (All Core Modules):	CU
DCE1101	Construction Technology I	3
DCE1102	Engineering Mathematics I	3
DCE1103	Structural Mechanics	3
DCE1104	Civil Engineering Materials	3
DCE1105	Civil Engineering Drawing I	3
DCE1106	Concrete Technology	3
DCE1107	Engineering Surveying I	3

First Year Semester II

DCE1201	Construction Technology II	3
DCE1202	Engineering Mathematics II	3
DCE1203	Carpentry, Joinery and Welding	3
DCE1204	Building Services	3
DCE1205	Special Needs, Gender, Health, Safety, Ethics and Environment	3
DCE1206	Introduction to Computer Application	3
DGM1201	Introduction Communication	3
DCE1301	Industrial Training I	3

Year 2

Second Year Semester I

DCE2101	Construction Technology III	3
DCE2102	Engineering Mathematics III	3
DCE2103	Strength of Materials	3
DCE2104	Quantity Surveying I	3
DCE2105	Engineering Surveying II	3
DCE2106	Computer Aided Designs	3
DCE2107	Geology and Soils	3
DCE2108	Road Construction and Plants	3

Second Year Semester II

DCE2201	Site Organization and Tendering	3
DCE2202	Elementary Design of Structures	3
DCE2203	Entrepreneurship Skills	3
DCE2204	Labour Based Road Construction	3
DCE2205	Quantity Surveying II	3
DCE2206	Estimating and Tendering	3
DCE2207	Real Life Project	3
DCE2208	Industrial Training II	4

FACULTY OF ENGINEERING

DIPLOMA IN ELECTRICAL ENGINEERING

Uganda's economy is growing at a high rate. All sectors of the economy need electricity. For example buildings need the services of electrical installation technicians, and all industries need electricians. As a developing country, the utilization of the available technical resources and personnel is important in advancing the economy and saving on the meager resources that would otherwise go to experts or training in other countries.
Electrical Engineering deals with generation, distribution, installation and maintenance of electrical systems.

Program Outcomes

The program is designed to produce highly qualified electrical engineering technicians for the following industries; manufacturing, assembling, servicing, power generation, transmission distribution and utilization, telecommunications and other related industries. More specifically, by successfully completing the program, the diplomats of the program should be able to:

- Construct simple electrical and electronic circuits when necessary for use in modification or as a part of a system;
- Assemble, install and test-run simple electrical and electronic equipment;
- Carry out both preventive and corrective maintenance on simple electronic/electrical installations, equipment and appliances;
- Select and use appropriate instruments to carry out simple tests and measurements on all types of electrical and electronic installations and equipment under various operation conditions;
- Operate relevant equipment and installations whenever required;
- Operate, monitor and carry out preventive and corrective maintenance on motors, simple controls, PLCs and transformers;
- Communicate technical information effectively and
- Work in a wide variety of electrical and electronic engineering areas including electronic industries, communications, power systems and automation control systems.

Year One

Semester I

CODE	COURSE TITLE (All Core Courses)	CU
DEE 1101	Business Entrepreneurship	3
DEE 1102	Engineering Drawing	3
DEE 1103	Engineering Mathematics I	3
DEE 1104	Electrical Engineering Science I	3
DEE 1105	Mechanical Engineering Sciences I	3
DGM 1101	Communication Skills	3
DEE 1106	Basic Workshop Technology and practice	3
DEE 1107	Fundamental Computer Science	3

Semester I Load = 24 CU (Credit Units)

Semester II

CODE	COURSE TITLE (All Core Courses- Motor Rewinding)	CU
DEE 1201	Electrical Power I	3
DEE 1202	Electrical Engineering Science II	3
DEE 1203	Electrical Machines I	3
DEE 1205	Electrical and Technical Engineering Drawing	3
DEE 1206	Engineering Mathematics II	3
DEE 1207	Electrical and Electronic Instruments I	3
DEE 1208	Electronics I	3
DEE 1204	Electrical Installation of Building	3

Semester I Load = 24 CU (Credit Units)

Industrial Training = Eight (8) weeks

Year Two

Semester I

CODE	COURSE TITLE	CU
DEE 2101	Engineering Mathematics III	3
DEE 2102	Electronics II	3
DEE 2103	Electrical Power II	3
DEE 2108	Electrical Machines II	3
DEE 2104	Fundamentals of Communication Systems	3
DEE 2105	Mechanical Engineering Sciences II	3
DEE 2107	Occupational Health and Safety	3

Elective – I Select one of :

DEE 2106	Measurements and Control	3
DEE 2109	Electronic Devices and Circuits	3

Semester I Load = 24 CU (Credit Units)

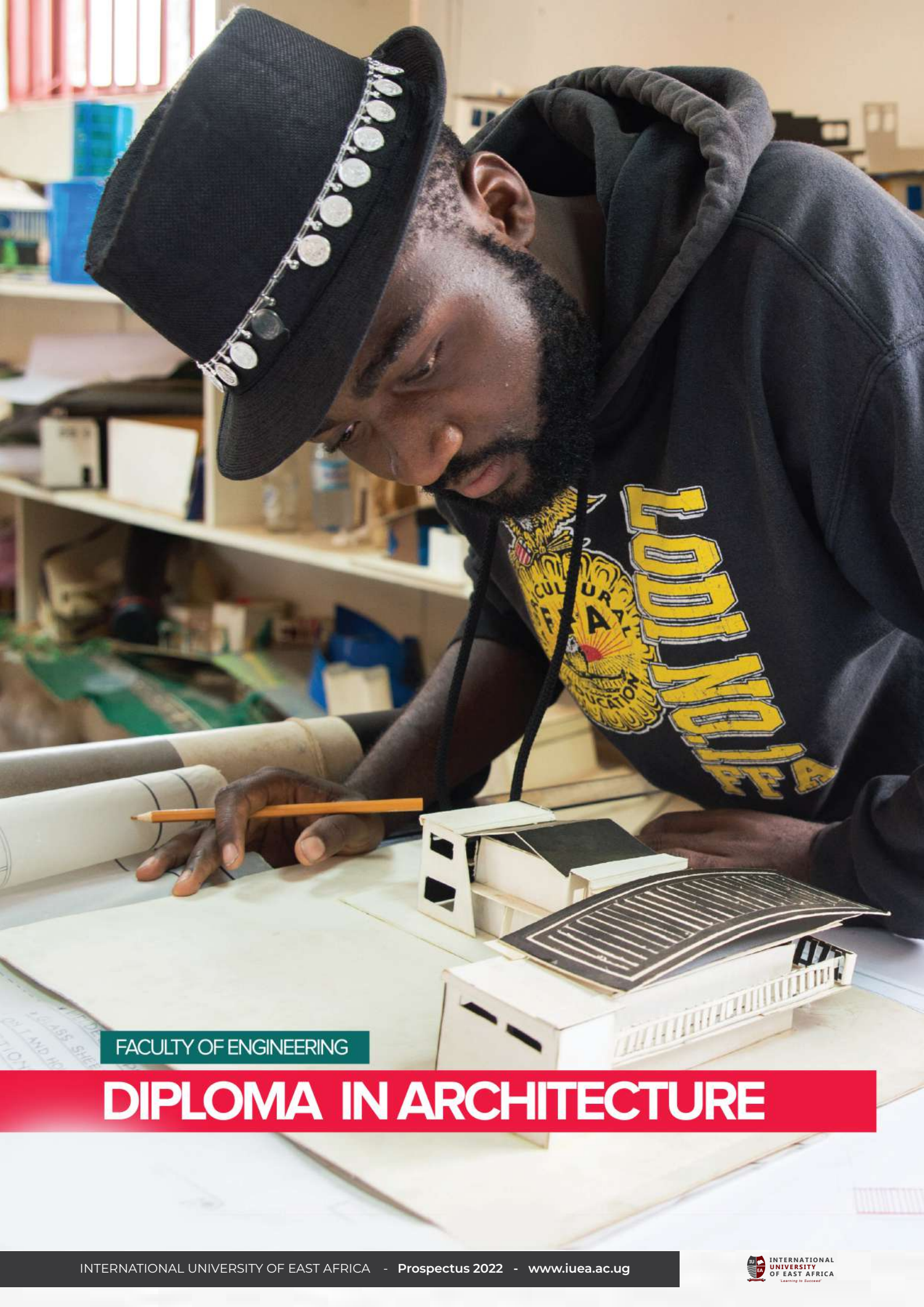
Semester II

CODE	COURSE TITLE	CU
DEE 2201	Electronics III	3
DEE 2202	Analog and Digital Electronics	3
DEE 2203	Renewable Energy	4

Elective – II: Select TWO of:

DEE 2207	Control of Electrical Machines	4
DEE 2208	Programmable Logic Controllers	4
DEE 2209	Electrical Machine Design	4
DEE 2204	Electrical and Electronic Instruments II	3
DEE 2205	Industrial Organization and Management	3
DEE 2210	Final Year Project	4

Semester I Load = 27 CU (Credit Units)



FACULTY OF ENGINEERING

DIPLOMA IN ARCHITECTURE

DIPLOMA IN ARCHITECTURE

Programme Objectives

The general objectives of the programme are to:

- Produce Architectural Assistants who are well equipped in theoretical and practical and technical skills to design, construct, supervise and maintain building structures.
- Train people who will be able to advance in higher education, research and development.
- Train personnel to work in government and private institutions
- Train personnel who will conserve the environment and maintain public health.

Programme Learning Outcomes.

By the end of the programme, learners should be able to;

- Put into practice the theoretical and practical aspects of Construction Technology
- Draw and produce Architectural plans.
- Assist in execution of Construction projects by working for and with other partners or by self-employment.
- Assist in the management and supervision of construction projects
- Impart the acquired knowledge and skills to other interested persons.

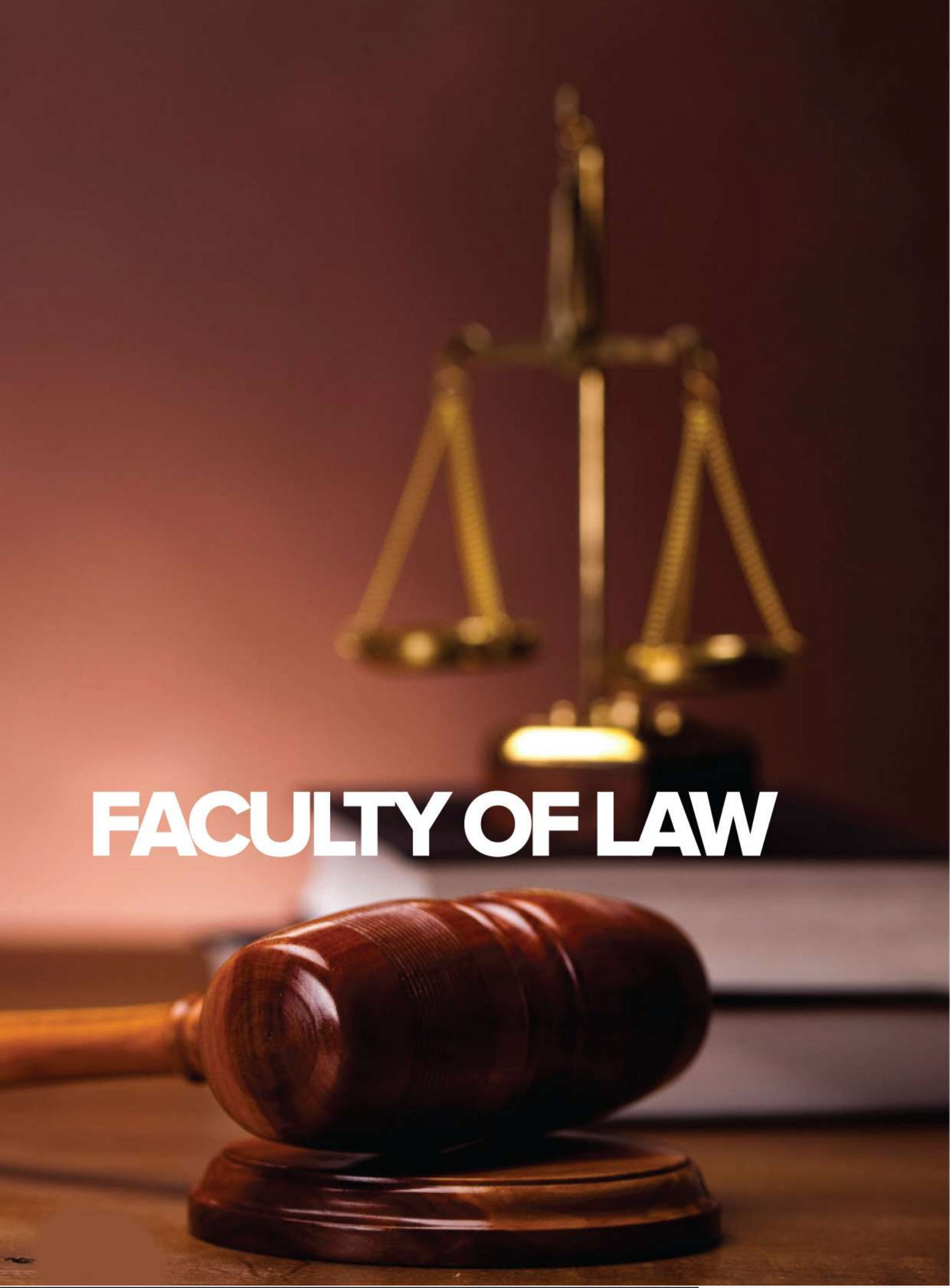
Year 1

First Year Semester I:
Core Projects: Building a Non Storied house up to wall plate

CODE	MODULE TITLES (All Core Modules):	CU
DAR1101	Construction Technology I	3
DAR1102	Engineering Mathematics I	3
DAR1103	Structural Mechanics	3
DAR1104	Civil Engineering Materials	3
DAR1105	Drawing and Descriptive Geometry	3
DAR1106	Concrete Technology	3
DAR1107	Engineering Surveying I	3
DAR1108	Studio I	4
First Year Semester II		
DAR1201	Construction Technology II	3
DAR1202	Engineering Mathematics II	3
DAR1203	Carpentry, Joinery and Welding	3
DAR1204	Building Services	3
DCE1205	Quantity Surveying I	3
DGM1102	Introduction Communication Skills	3
DGM1201	Studio II	3
DAR1301	Industrial Training I	3

Year 2

Second Year Semester I		
DAR2101	Construction Technology III	3
DAR2102	Engineering Mathematics III	3
DAR2103	Strength of Materials	3
DCE2104	Special Needs, Gender, Health, Safety, Ethics and Environment	3
DCE2105	Engineering Surveying II	3
DCE2106	Computer Aided Designs	3
DCE2107	Building Science	3
DCE2108	Building By-Laws and Regulations	3
DAR2109	Studio III (Real Life Design Project I)	
Second Year Semester II		
DAR2202	Site Organization and Tendering	3
DAR2203	Elementary Design of Structures	3
DAR2204	Entrepreneurship Skills	3
DAR2205	Quantity Surveying II	3
DAR2206	Specifications	3
DAR2207	Estimating and Tendering	3
DAR2208	Studio IV (Real Life Design Project II)	3
DAR2208	Industrial Training II	4



FACULTY OF LAW

BACHELOR OF LAWS

The Bachelor of Laws Programme (LL.B) is unique in placing a strong emphasis on communication skills and practical experience of the legal field of work throughout a student's four years of study. Law firms and governments want law graduates who possess excellent writing skills and outstanding oral expertise. This programme is designed to produce law graduates who write very well, speak properly and confidently, and think critically.

Further, the LL.B Programme consists of courses designed to equip law graduates with a firm foundation to address contemporary issues on the local and international scenes in these fields: petroleum industry, mining industry, alternative dispute resolution, transitional justice, and clinical legal aid. There is also offered a course to instil professionalism and legal ethics: Lawyers, Practice and Ethics.

The Vision of the Faculty of Law

To be a fountain of excellent legal knowledge and skills and the edifice of legal education in Africa.

The Faculty's Mission

To provide an excellent legal education that includes practical legal and leadership skills.

The Educational Objectives of the LL.B Programme at IUEA

To train and nurture lawyers who:

- Have a sound understanding of law and legal institutions, so as to enable them to serve the needs of Uganda, East Africa and the international community;
- Have high intellectual skills, particularly the ability to think analytically and critically, to solve legal and related problems, and to communicate effectively, both orally and in writing;
- Understand the social, political and economic foundations and perspectives of law.
- Appreciate the role of law in social development.
- Have a firm foundation for a variety of careers in public institutions, industry, commerce and the legal profes sion.
- Have a firm foundation for further education, to extend their qualification to post graduate status.
- Have the requisite qualification to pursue professional qualifications in law, particularly necessary for legal practice, as required by the Uganda Law Development Centre or other such professional institutions of law.

Learning Outcomes

Learners who are awarded the Bachelor of Laws (LL.B) of the International University of East Africa will have demonstrated their competence in each of the following areas:

- In-depth knowledge of a substantial range of the concepts, values, rules and principles of the foundational subjects of law, and of the legal system of Uganda as well as other legal systems;
- Have cognitive skills, enabling a student to identify the relative merits and demerits of different legal and policy arguments as articulated in case law and legal scholarship;
- Have practical and professional skills enabling a student to provide an informed and reasoned opinion based on case law and statute of the possible legal solutions.
- Demonstrate appropriate communication skills and the ability to express complex principles of law in clear written and spoken English.
- Have an informed understanding of their discipline or professional practice, and the ability to question its principles, practices and boundaries.

Year 1

SEMESTER ONE (All courses are core)

Code	Title	CU
LLB 1105	Legal Foundations*	4
LLB 1106	Fundamentals of Criminal Law*	4
LLB 1107	Law of Contracts I*	4
LLB 1108	Principles of Constitutional Law I*	4
LLB 1109	Computer Applications & Online Research	3
LLB1110	Legal English & Communication skills for Lawyers	3
Total Semester Credit Units		22

SEMESTER TWO [All Courses are core]

Code	Title	CU
LLB 1205	Legal Methods	4
LLB 1206	Criminal Liability	4
LLB 1207	Law of Contracts II	4
LLB 1208	Principles of Constitutional Law II	4
LLB 1209	Law and Development	4

YEAR I : RECESS TERM (Core)

LLB 1301	Field Attachment	5
Total Semester Credit Units		25
TOTAL CREDIT UNITS FOR YEAR 1		47

Year 2

SEMESTER ONE [All Courses are core]

Code	Title	CU
LLB 2105	Nature and History of Torts	4
LLB 2106	Administrative Law I*	4
LLB 2107	Equity and Trusts	4
LLB 2108	Law of Evidence I *	4
LLB 2109	Foundations of Land Law*	4
Total Semester Credit Units		20

SEMESTER TWO [All Courses are core]

Code	Title	CU
LLB 2205	Negligence, Strict Liability & Procedure in Torts	4
LLB2206	Administrative Law II	4
LLB 2207	Family Law I	4
LLB 2208	Law of Evidence II	4
LLB 2209	Land Transactions	4

YEAR II : RECESS TERM (Core)

LLB 2301 Field Attachment		5
Total Semester Credit Units		25
TOTAL CREDIT UNITS FOR YEAR 1I		45

Year 3

SEMESTER ONE [Three Cores, Two Elective]

Code	Title	CU
LLB 3105	Jurisprudence I (Core)*	4
LLB 3106	Family Law II (Core)	4
LLB 3107	Law of Sale of Goods (Core)	4
LLB 3108	Hire Purchase & Insolvency Law (Elective)	4
LLB 3109	Principles of International Law I* (Elective)	4
LLB 3110	Banking and Negotiable Instruments (Elective)	4
LLB 3111	International and Regional Human Rights (Elective)	4
Total Semester Credit Units	20	

SEMESTER TWO [Four Cores, One Elective]

Code	Title	CU
LLB 3205	Jurisprudence II (Core)	4
LLB 3206	Criminal Procedure (Core)	4
LLB 3207	Law of Business Associations I (Core)	4
LLB 3208	Social Research Methods (Core)	4
LLB 3209	Environmental Law and Policy (Elective)	4
LLB 3210	Principles of International Law II (Elective)	4
LLB 3211	Human Rights in the Domestic Perspective (Elective)	4
LLB 3212	Consumer Law and Protection (Elective)	4
LLB 3213	Alternative Dispute Resolution (Elective)	4

RECESS TERM (Core)

LLB 3301 Field Attachment	5
Total Semester Credit Units	25
TOTAL CREDIT UNITS FOR YEAR 1II	45

Year 4

SEMESTER ONE [Two Cores, Three Electives]

Code	Title	CU
¬LLB 4105	Civil Procedure I (Core)	4
LLB 4106	Law of Business Associations II (Core)	4
LLB 4107	Revenue Law and Taxation I* (Elective)	4
LLB 4108	International Trade and Business (Elective)	4
LLB 4109	Intellectual Property Law I (Elective)	4
LLB 4110	Labour Law I* (Elective)	4
LLB 4111	Insurance Law (Elective)	4
LLB 4112	Clinical Legal Education (Elective)	4
LLB 4113	Fundamentals of Petroleum Law & Practice in Uganda (Elective)	4
Total Semester Credit Units	20	

SEMESTER TWO [Three Cores, Two Electives]

Code	Title	CU
LLB 4205	Civil Procedure II (Core)	4
LLB 4206	Research Paper (Core)	4
LLB 4107	Lawyers: Practice and Ethics (Core)	4
LLB 4208	Estate Planning (Elective)	4
LLB 4209	Revenue Law and Taxation II (Elective)	4
LLB 4210	Gender and the Law (Elective)	4
LLB 4211	Computers and the Law (Elective)	4
LLB 4212	Intellectual Property Law II (Elective)	4
LLB 4213	Labour Law II (Elective)	4
LLB 4214	Fundamentals of Mining Law and Practice in Uganda (Elective)	4
LLB 4215	Transitional Justice (Elective)	4
Total Semester Credit Units		20
TOTAL CREDIT UNITS FOR YEAR 1V		40

FACULTY OF SCIENCE AND TECHNOLOGY

The Faculty of Science and Technology (FST) at IUEA is one of the most dynamic and innovative faculties of science and technology in East and Central Africa. Because of its unique approach to teaching, an approach that combines rigorous academics with practical work, the faculty is gaining a reputation for being one of the best in technology. The faculty is staffed by lecturers who are recognized scholars, thought leaders, and innovators. Students graduating from our programmes are groomed to be innovators and leaders in the field of science and technology. Our students are deeply knowledgeable in their field and highly sought after by employers who seek capable, innovative professionals.

Vision:

The vision of the faculty, in line with the vision of the university, is to be the best faculty of science and technology in Africa.

Mission:

- To provide an excellent education that includes practical experience and skills
- To provide innovative teaching and learning that maintains professional accreditation for all its programmes
- To provide an education based on a theoretical, experimental and ethical foundation enhanced by opportunities for participation in research, internships and interdisciplinary programmes
- To educate graduates for professional leadership, civic influence and lifelong learning

For all degree programmes within the Faculty, IUEA's links with industry help to provide internship training and work placements for students. Internships are compulsory for all students as per the requirement of the National Council for Higher Education (NCHE) of Uganda.

Internship

To meet the requirements of accreditation by the NCHE of Uganda and also to complement the theory and practical study at IUEA, a well-structured internship programme, in collaboration with industry, has been incorporated into the curriculum. The structures of all the programmes offered by the Faculty of Science and Technology include three periods of training each of 10-15 weeks.

The main aims and objectives of the internship programme are to provide:

- Enhanced employability
- Interpersonal and social skills
- A strong platform for exploring the interrelationships between theory and practice
- Career preparation
- Insight into the world of work
- Personal development
- Strong leadership and technical development

This Internship programme will further enhance student's employability. In many cases the same company at which students had internship training will offer them employment as soon as they graduate. In any case, students will gain an invaluable insight into the world of work as technologists and be better equipped to position themselves for the careers they seek.

Whether students join IUEA immediately after secondary education or transfer to us from another institution of higher learning, we offer programmes that depend on their prior qualifications and experience. We ensure a clear progression of learning to ensure that our students are empowered with the necessary skills and knowledge to enter the corporate world.

Objectives and Outcomes

Faculty of Science and Technology Programmes Educational Objectives (PEOs)

Program objectives address the graduate's attainment, three or four years after graduation. This depends on the programme of study and is given separately for each programme.

Faculty of Science and Technology Programmes Outcomes (PO's)

Program outcomes consist of abilities to be attained by students before they graduate within the three (3) or four (4) years of studies. All the Science and Technology Programmes at IUEA are designed to fulfill the internationally agreed POs of Science and Technology programmes.

The following programme outcomes shall be attained after completion of the degree programme, these are the ability to:

PO 1. Gain and apply basic principles of science and technology
PO 2. Identify problems and apply basic scientific and technological principles to solve them
PO 3. Recognize and apply suitable tools and techniques for practical applications
PO 4. Investigate complex science and technology problems using research techniques
PO 5. Design innovative solutions for complex technology problems
PO 6. Communicate effectively and professionally
PO 7. Comprehend and demonstrate best practices in designing and developing technological solutions
PO 8. Execute the responsibilities of a technologist professionally and ethically
PO 9. Function effectively as a team leader or a member in a team
PO 10. Recognize the need for, and the ability to engage in independent and life-long learning

Programmes currently running at FST

Currently the Faculty of Science and Technology is running the following Masters, Bachelor of Information Technology, Bachelor of Science and Diploma Programmes:

1. Master of Information Technology
2. Bachelor of Information Technology
3. Bachelor of Science In Information Systems
4. Bachelor of Science In Computer Science
5. Bachelor of Science In Software Engineering
6. Bachelor of Statistics
7. Bachelor of Science In Environmental Science and Management
8. Diploma in Computer Science and Information Technology
9. Professional Courses in CCNA
10. APTEC Professional Courses

FACULTY OF SCIENCE AND TECHNOLOGY

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Programme Overview

The Masters in Information Technology (MIT) is a two (2) year postgraduate degree programme which focuses on imparting practical, managerial and research skills in Information Technology (IT) to students at a postgraduate level. This programme is in line with the university's mission, "to provide an excellent education that includes practical experience and skills". Students who complete this degree programme will have gained an in-depth knowledge which they can use to analyse and solve problems using ICT field, advise organizations on technology options and head IT departments, among others.

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

As everyday life becomes more dependent on ICT, the need for highly skilled IT professionals is growing rapidly and presents almost limitless opportunities for qualified graduates. There is more need than ever before to train enough human resource in the field of IT who can transform the industry and support academia and research in ICT. This programme is designed to address this challenge.

Programme Objectives

The objectives of the Masters in Information Technology degree program are:

- To provide a platform for ICT graduates who would like to further their knowledge in ICT field and thus improve their practical skills
- To produce ICT researchers who are ready to transform the IT discipline by coming up with innovations.
- To build human resource capacity in the field of ICT to support the industry and academia.

Programme Learning Outcomes

By the end of the two years the students should be able to specifically:

- Provide practical ICT end-user support in organizations
- Manage and advise organizations on ICT projects.
- Head IT departments in organizations
- Identify knowledge gaps in ICT field that they can fill at PhD level
- Work as academic/teaching assistants in delivering practicals and tutorials at undergraduate level.

Career Opportunities

A student who successfully completes this degree can take the following career paths.

- IT management
- Become an ICT consultant
- ICT end-user support for organizations
- Software development and maintenance
- Teaching and research in IT

Year 1

Semester 1

Code	Course Name	Type of Course	CU
MIT710	XML Technology	Core	4
MIT711	Web-based Information Systems	Core	3
MIT712	Programming (scripting)	Core	4
MIT713	Seminar Series I	Core	3
MIT714	Research Methods and Design	Core	3

Choose One Elective

MIT715	Systems and Organizations	Optional	3
MIT716	Computer Networks	Optional	3
MIT717	Cyber Law and IT Ethics	Optional	3

Semester 2

Course Code	Course Name	Type of Course	CU
MIT720	Database Systems Development	Core	4
MIT721	Human Computer Interaction	Core	3
MIT722	Advanced Operating Systems	Core	3
MIT723	Virtualization and Cloud Computing	Core	3
MIT724	Seminar Series II	Core	4

Choose One Elective

MIT725	IT Infrastructure Management	Optional	3
MIT726	E-services and E-Commerce	Optional	3
MIT727	Information and Network Security	Optional	3

Year 2

(Plan A Option)
A dissertation covering a full academic year.

Year 2 (Plan B Option)

Semester 1

Course Code	Course Name	Type of Course	CU
MIT810	Software Science and Technology	Core	3
MIT811	Enterprise Network Implementation and Management	Core	4
MIT812	Statistics and Data Analysis	Core	3

Choose One Elective

MIT813	Agile Web Development	Optional	3
MIT814	Computer Security	Optional	3

Semester 2

Course Code	Course Name	Type of Course	CU
MIT820	Individual Research Project	Core	5

FACULTY OF SCIENCE AND TECHNOLOGY

BACHELOR OF INFORMATION TECHNOLOGY

Programme Overview

The Bachelor of Information Technology programme is designed to produce innovative professionals who have a sound understanding of the technical and theoretical areas of Information Technology. This programme equips graduates with the skills necessary for employment in a wide range of roles in the Information Technology Industry.

The programme covers; usability analysis, maintenance of computing solutions, network management & security, deployment and maintenance of database technologies management, analysis and design of enterprise systems management and the human aspects of information technology development.

Learning Outcomes

By the end of the three year the students will be able to:

- Support theoretical foundation of information technology
- Manage and maintain organizational IT infrastructure
- Gather, analyze and interpret data in an organization to enable improvement of the information resource
- Advise the organization management on the trends of information technologies
- Manage employees in information technology section of the organization

Career Opportunities

Career opportunities are extensive because computer usage is almost universal. Graduates are likely to find employment in government; commercial enterprises; industrial organizations; computer manufacturers; public utilities; local authorities; universities or as private consultants.

Year 1

(First Semester)

Code	Course Name	CU
BIT 1101	Computer Applications 1	3
BIT 1102	Problem Solving and Programming Concepts	4
BIT 1103	Mathematics for Information Technology	4
BIT 1104	Computer Systems	4
BIT 1105	Entrepreneurship	3
BIT 1106	Communication Skills	2
BIT 1107	Internet and Web Technologies	3
		21

(Second Semester)

Course Code	Course Name	CU
BIT 1201	Computer Applications II	4
BIT 1202	Programming in Java	4
BIT 1203	Principles of Management	3
BIT 1204	Computer Care & Maintenance	4
BIT 1205	Systems Analysis & Design	4
BIT 1206	Introduction to Probability and statistics	3
TCU		21

Year 2

(First Semester)

Course code	Course Name	CU
BIT 2101	Operating Systems	3
BIT 2102	Object Oriented Programming	4
BIT 2103	Database Systems	4
BIT 2104	Data Communication and Networks	3
BIT 2105	Software Science and Technology	4
BIT 2106	Professional skill Development	3
		21

(Second Semester)

Course Code	Course Name	CU
BIT 2201	Web Development Techniques	4
BIT 2202	Management Information Systems	4
BIT 2203	Object Oriented Analysis and Design	3
BIT 2204	Project Planning & Management	3
BIT 2205	e-Commerce	3
BIT 2206	Multimedia Systems	4
TCU		22

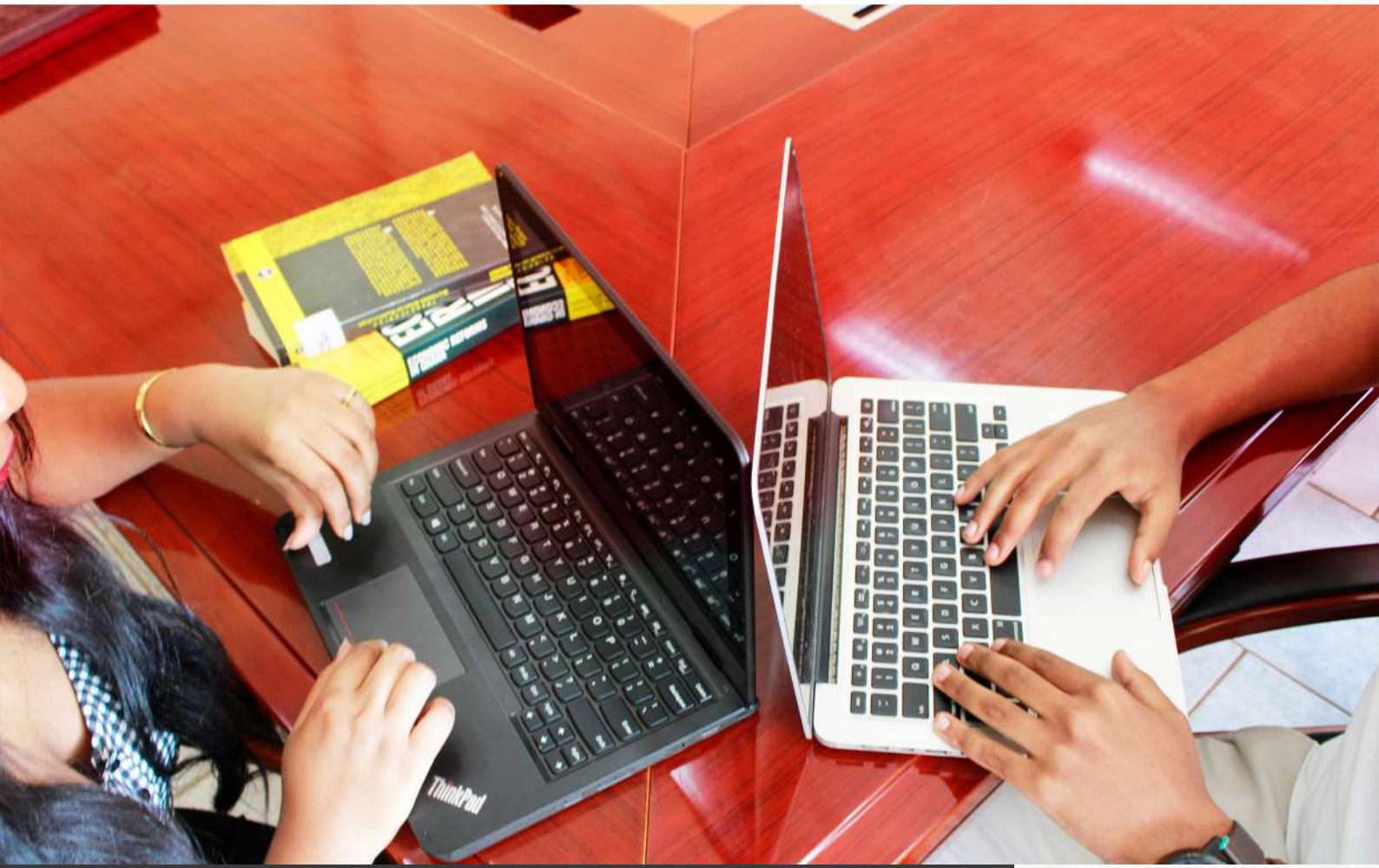
Year 3

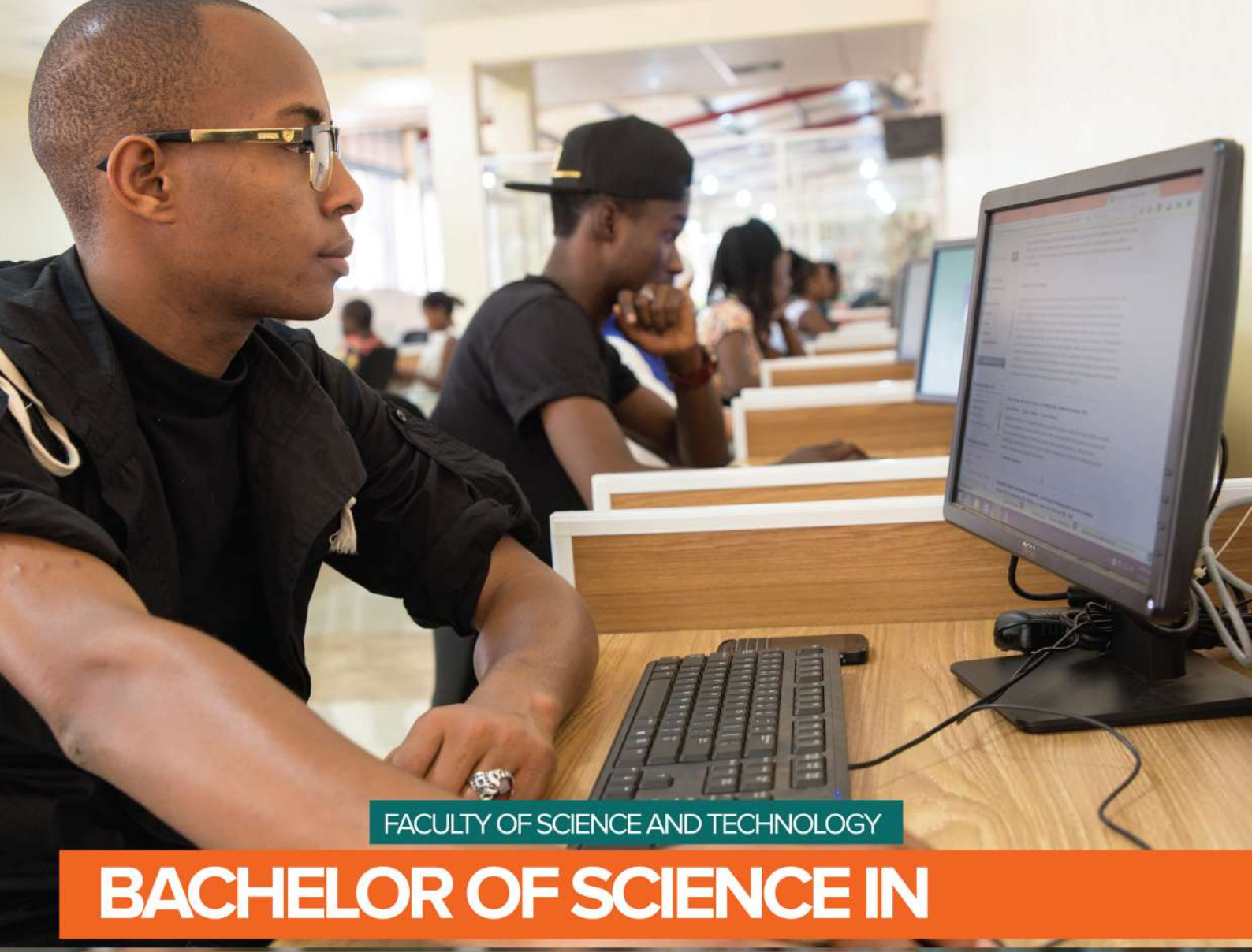
(First Semester)

Course Code	Course Name	CU
BIT 3101	Database Programming	4
BIT 3102	Web design and Application	4
BIT 3103	Business Intelligence & Data Warehousing	4
BIT 3104	Network and System Administration	4
BIT 3105	IS Security	3
BIT 3106	IT Ethics and Professionalism	3
BIT 3107	Social Computing	3
TCU		25

(Second Semester)

Course Code	Course Name	CU
BIT 3201	Strategic IT Management	3
BIT 3202	IT Laws and Patent	3
BIT 3203	ERP Systems	4
BIT 3204	Business Process Engineering	3
BIT 3205	Graduation Project	5
TCU		18
Grand Total		131





FACULTY OF SCIENCE AND TECHNOLOGY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Overview Programme

The Bachelor of Science in Computer Science is oriented towards imparting capabilities to use computers, information systems and technology to solve every day practical problems. Emphasis during the course of study is placed on programming, analysis design and implementation of algorithms, artificial intelligence and real time computing. That means that practical exercises are important in most courses that comprise the Bachelor of Science in Computer Science.

This course equips graduates with the skills necessary for employment in a wide range of roles in the Information Technology industry and also enables them to pursue or advance a career in computer science with the expertise necessary for the successful design and implementation of new technologies in organization.

Learning Outcome

By the end of the three years the students should be able to specifically:

- Support theoretical foundation of computer and computation science
- Gather, analyze and interpret data in to enable them to improve on existing computer solutions for their organizations of employment.
- Innovatively create and deploy computing solutions to support business processes of any organization.

Year 1

Semester One (6 Core Courses)

COURSE CODE	COURSE TITLE	CU
CSC 1101	Computer Applications	3
CSC 1102	Discrete Mathematics	3
CSC 1103	Introduction to Programming Using Java	4
CSC 1104	Digital Logic	3
CSC 1105	Linear Algebra	3
BIT 1101	Communication Skills	3
Total Credit Units		19

Year One Semester Two (7 Core Courses)

COURSE CODE	COURSE TITLE	CU
CSC 1201	Software Science and Technology	3
CSC 1202	Object Oriented Programming	4
CSC 1203	Database Management Systems	4
CSC 1204	Systems Analysis & Design	3
CSC 1205	Web Development	4
CSC 1206	Calculus	3
GMT 1203	Principles of Management	3
Total Credit Units		24

Year 2

Semester One (7 Core Courses)

COURSE CODE	COURSE TITLE	CU
CSC 2101	Scripting Languages Using Python	4
CSC 2102	Operations Research	4
CSC 2103	Computer Networks and Data Communication	4
CSC 2104	Operating Systems I	4
CSC 2105	Data Structures	3
CSC 2106	Database Programming	4
CSC 2107	Computer Organization and Architecture	3
		26

SEMESTER TWO (6 Core Courses)

COURSE CODE	COURSE TITLE	CU
CSC 2201	Research Methods in Computing	3
CSC 2202	Automata, Complexity and Computability	3
CSC 2203	Design and Analysis of Algorithms	3
CSC 2204	Graph Theory	3
CSC 2205	Operating Systems II	3
CSC 2206	Numerical Methods	3

ELECTIVES (1 elective course)

CSC 2207	System and Network Administration	4
CSC 2208	Mobile Programming	4
Total Credit Units		22

RECESS TERM

COURSE CODE	COURSE TITLE	CU
CSC 2301	Internship	4

Year 3

Semester One (4 Core Courses)

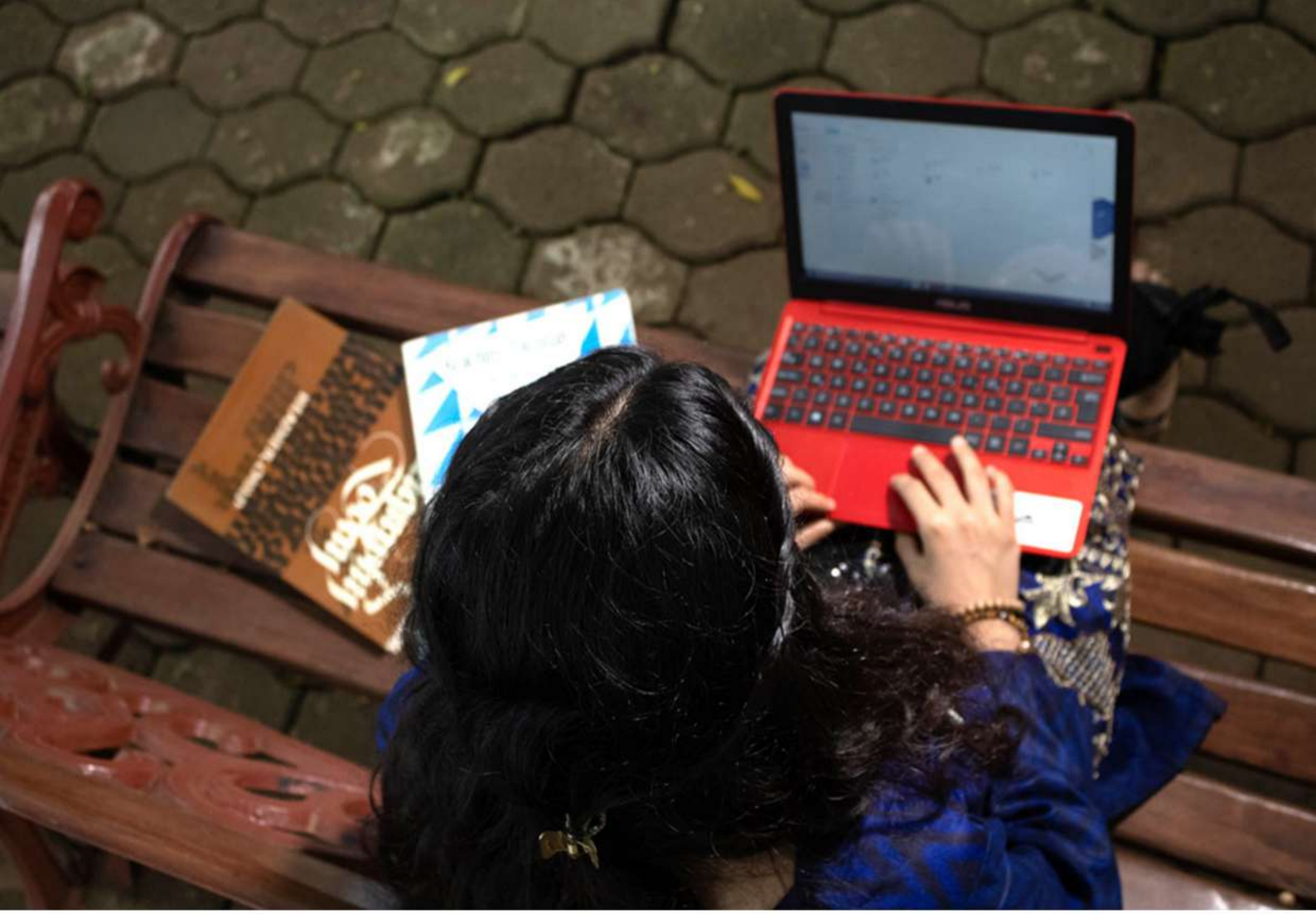
COURSE CODE	COURSE TITLE	CU
CSC 3101	Artificial Intelligence	4
CSC 3102	Distributed Computing	3
CSC 3103	Computer and Network Security	4
BIT 3102	Entrepreneurship	3

ELECTIVES (1 Elective course)

BIT 3101	Business Intelligence and Data Warehousing	4
CSC 3104	User Interface Design and Development	4
Total Credit Units		18

Year Three Semester Two (4 Core Courses)

COURSE CODE	COURSE TITLE	CU
BIT 3201	Social and Professional Issues in Computing	3
CSC 3201	Compiler Construction	4
CSC 3202	Modeling and Simulation	4
CSC 3203	Graduation Project	4
Total Credit Units		15



FACULTY OF SCIENCE AND TECHNOLOGY

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

Programme Overview

The Bachelor of Science in Software Engineering programme is oriented towards imparting capability to engineers to professionally develop software that is usable. Emphasis during the course of study is placed on programming, analysis, design and implementation of algorithms, artificial intelligence, real time computing, software quality management, software deployment, etc. Practical exercises are important in most courses that comprise this course.

This programme equips graduates with the skills necessary for employment in a wide range of roles in the software development industry and also enables them to pursue or advance a career in software engineering with the expertise necessary for the successful design and implementation of new technologies in organizations.

Learning Outcomes

By the end of the four years the students should be able to specifically:

- Support theoretical foundation of software Engineering
- Gather, analyze and interpret data to enable them improve on existing computer solutions and or invent new solutions for organizations that employ them.
- Innovatively create and deploy software to support business processes of any organization

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

Year 1

Semester One (6 Core Courses)

COURSE CODES	COURSE TITLE	CU
CSC 1101	Computer Applications	
CSC 1102	Discrete Mathematics	3
CSC 1103	Introduction to Programming Using Java	4
CSC 1104	Digital Logic	3
BIT 1101	Communication Skills	3
CSC 1105	Linear Algebra	3
Total Credit Units		19

Year One Semester Two (6 Core Courses)

COURSE CODES	COURSE TITLE	CU
CSC 1201	Software Science and Technology	3
CSC 1202	Object Oriented Programming	4
CSC 1203	Database Management Systems	4
CSC 1204	Systems Analysis & Design	3
CSC 1205	Web Development	3
CSC 1206	Calculus	3
Total Credit Units		20

Recess Term

COURSE CODES	COURSE TITLE	CU
SWL 1301	Professional Software Science and Technology Mini Practical Project I	4
Total Credit Units		4

Year 2

Semester One (6 Core Courses)

COURSE CODES	COURSE TITLE	CU
SWE 2101	Numerical methods for Software Engineering	3
CSC 2102	Operations Research	3
CSC 2103	Computer Networks and Data Communications	4
CSC 2104	Operating Systems 1	3
CSC 2105	Data Structures	3
CSC 2107	Computer Organization and Architecture	3
Total Credit Units		19

Year Two Semester Two (6 Core Courses)

COURSE CODES	COURSE TITLE	CU
SWE 2201	Software Requirements Engineering	3
SWE 2202	Formal Methods in Software Engineering	4
SWE 2203	Advanced Object Oriented Programming	4
CSC 2201	Research Methods in Computing	3
CSC 2203	Design and Analysis of Algorithms	3
CSC 2205	Operating Systems II	3
Total Credit Units		20

Recess Term

COURSE CODES	COURSE TITLE	CU
SWL 2301	Professional Software Engineering Mini Practical Project II	4
Total Credit Units		4

YEAR THREE SEMESTER ONE (5 Core Courses)

COURSE CODES	COURSE TITLE	CU
SWE 3101	Software Project Management	3
SWE 3102	Software Security	3
SWE 3103	Software Metrics	4
CSC 3101	Artificial Intelligence	4
CSC 3102	Distributed Computing	4

ELECTIVES (1 Elective Course)

SWE 3104	Embedded Systems	4
CSC 3104	User Interface Design and Development	4
Total Credit Units		22

Year 3

Semester Two

COURSE CODES	COURSE TITLE	CU
SWE 3201	Systems Programming	3
SWE 3202	Object-Oriented Analysis and Design	4
SWE 3203	Software Architecture	3
SWE 3204	Software Design Patterns	3
SWE 3205	Web-Based Network Application Development	4

ELECTIVES (1 Elective Course)

SWE 3206	Communications System Design	4
SWE 3207	Mobile Networks and Computing	4
Total Credit Units		21

Recess Term

COURSE CODES	COURSE TITLE	CU
SWE 3301R	Internship	4
Total Credit Units		4

Year Four

Semester One (3 Core Courses)

COURSE CODES	COURSE TITLE	CU
SWE 4101	Software Construction	4
SWE 4102	Ethics for Professional Engineers	3
BIT 3102	Entrepreneurship	3

ELECTIVES (1 Elective Course)

SWE 4103	Real time Systems	3
SWE 4104	Software Evolution	3
Total Credit Units		13

Year Four Semester Two (4 Core Courses)

COURSE CODES	COURSE TITLE	CU
SWE 4201	Software Testing	4
SWE 4202	Software Reliability and Quality Engineering	4
SWE 4203	Graduation Project	4
SWE 4204	Software Engineering Business Law	3
Total Credit Units		15

FACULTY OF SCIENCE AND TECHNOLOGY

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE AND MANAGEMENT

Programme Overview

The Environment Sciences and Management Programme is designed to train students to sharpen their perception of environmental challenges in order to appreciate the key role of sciences, economics, ethics, politics, and sociology in environmental conservation and management. The programme provides students with a firm science foundation and training in application of scientific principles to identify, analyze, interpret and generate solutions to environmental issues. In doing so, a new cadre of environmental professionals will emerge to confront the current environmental challenges at local and international levels.

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE AND MANAGEMENT

Learning outcomes

By the end of this programme, students will be able to:

- Apply the scope of environmental sciences and the role of being an environmental scientist in society.
- Carry an independent and rigorous research, but also able to work well in a team.
- Be proficient in a range of scientific skills, including field-based observation and data collection, specialized laboratory-based analysis, computing (including spatial analysis), communication, and oral and written presentation.
- Be able to recognize the importance and benefits of research-based learning to their academic profile and to evaluate their own performance in a range of learning contexts and under different modes of assessment.
- Analyze the environmental impacts of exploitation of hydrocarbon fuels.
- Analyze the impacts of water and air pollution.
- Distinguish between good and poor waste management practices.

Career Opportunities

With this degree, students will be well prepared for careers in private and government agencies, educational institutions, and private consulting firms. Some titles associated with these jobs include:

- Environmental Scientist
- Environmental Microbiologist
- Environmental Chemist
- Soil Scientist
- Natural Resource Manager

Students will also be prepared for an advanced degree in a variety of fields, such as Environmental Health, GIS, Natural Resource Management, Environmental Law, and Public Policy.

Year 1

Semester One

CODE	COURSE UNITS IN SEMESTER 1	CU
BSE 1101	Mathematics for Environmental Science	4
BSE 1102	Soil Science	4
BSE 1103	Climatology	3
ICT 1101	Computer Applications	3
BSE 1104	Environmental Chemistry	4
BSE 1105	Ecological Principles, Concepts, and Practices	4

Year One Semester Two

BSE 1201	Environment and Human Population Dynamics	3
BSE 1202	Environmental Education Communication Skills	3
BSE 1203	Earth Structures and Geo-processes	4
BSE 1204	Conservation and Sustainable Development	3
BSE 1205	Pollution and its Control	4
BSE 1206	Conflict Resolution in Natural Resources use	4

YEAR 1 TOTAL CREDIT UNITS 43

Year 2

Semester One

CODE	COURSE UNITS IN SEMESTER 1	CU
BSE 2101	Environmental Microbiology	4
BSE 2102	Integrated Water Resources Management	4
BSE 2103	Integrated Waste Management	3
BSE 2104	Urbanization and the Environment	4
BSE 2105	Remote Sensing and GIS	4
BSE 2106	Environmental Economics	4

Year Two Semester 2

GMT 2202	Project Planning and Management	3
BSE 2201	Research Methods and Data Management	3
BSE 2202	Environmental Law and Ethics	3
BSE 2203	Carbon Trading	4
BSE 2204	Environmental Informatics	4
GMT 2204	INTERNSHIP (RECESS TERM)	3

YEAR 2 TOTAL MINIMUM CORE CREDIT UNITS 43

Year 3

Semester One

CODE	COURSE UNITS	CU
BSE 3201	Renewable Energy Technologies	4
BSE 3202	EIA and Environmental Auditing	4
BSE 3203	Indigenous Technical Knowledge	3
BSE 3204	Environmental Health	4
HRM 2103	Occupational Safety and Health	4
BSE 3205	Basic and Conservation Genetics	3

Year Two Semester Two

CODE	COURSE UNITS	
GMT 3201	Research Report	3
BSE 3202	Plant and Animal Resources	4
BSE 3203	Wetlands Ecology and Management	4
BSE 3204	Cleaner Production	3
BSE 3205	Disaster and Risk Management	3
BSE 206	Environmental Biotechnology	4

YEAR 3 TOTAL MINIMUM CORE CREDIT UNITS 42

FACULTY OF SCIENCE AND TECHNOLOGY

DIPLOMA IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Programme Overview

IUEA introduced a two year undergraduate Diploma in Computer Science. The diploma targets 'A' level leavers and Certificate holders.

Objective of the programme

The main objective of the programme is to develop personnel with theoretical and practical skills through hands on training in Computer Science, who will be able to provide high quality technical support in computerized organizations.

Expected Learning Outcomes

At the completion of this programme, a graduate of Diploma in Computer Science should:

- Understand why computing is necessary in building a strong economy.
- Provide technical ICT support in organizations.
- Demonstrate practical skills for developing software applications for solving day-to-day problems.

DIPLOMA IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Year 1

Semester One

Code	Name	CU
DCS 1100	Computer Literacy	4
DCS 1101	Communication Skills	4
DCS 1102	Communication Technology and the Internet	3
DCS 1103	Fundamentals of Mathematics	3
DCS 1104	Computer Assembly, Repair and Maintenance I	3
Total		17

Year One
Semester Two (5 Courses)

DCS 1200	Entrepreneurship Skills	3
DCS 1201	Programming Fundamentals with C	4
DCS 1202	Computer Assembly, Repair and Maintenance II	3
DCS 1203	Fundamentals of Web site Design	3
DCS 1204	Fundamentals of Database Design	3
Total		15

Year I, Recess Term

DCS 1301	Practical Skills Development	4

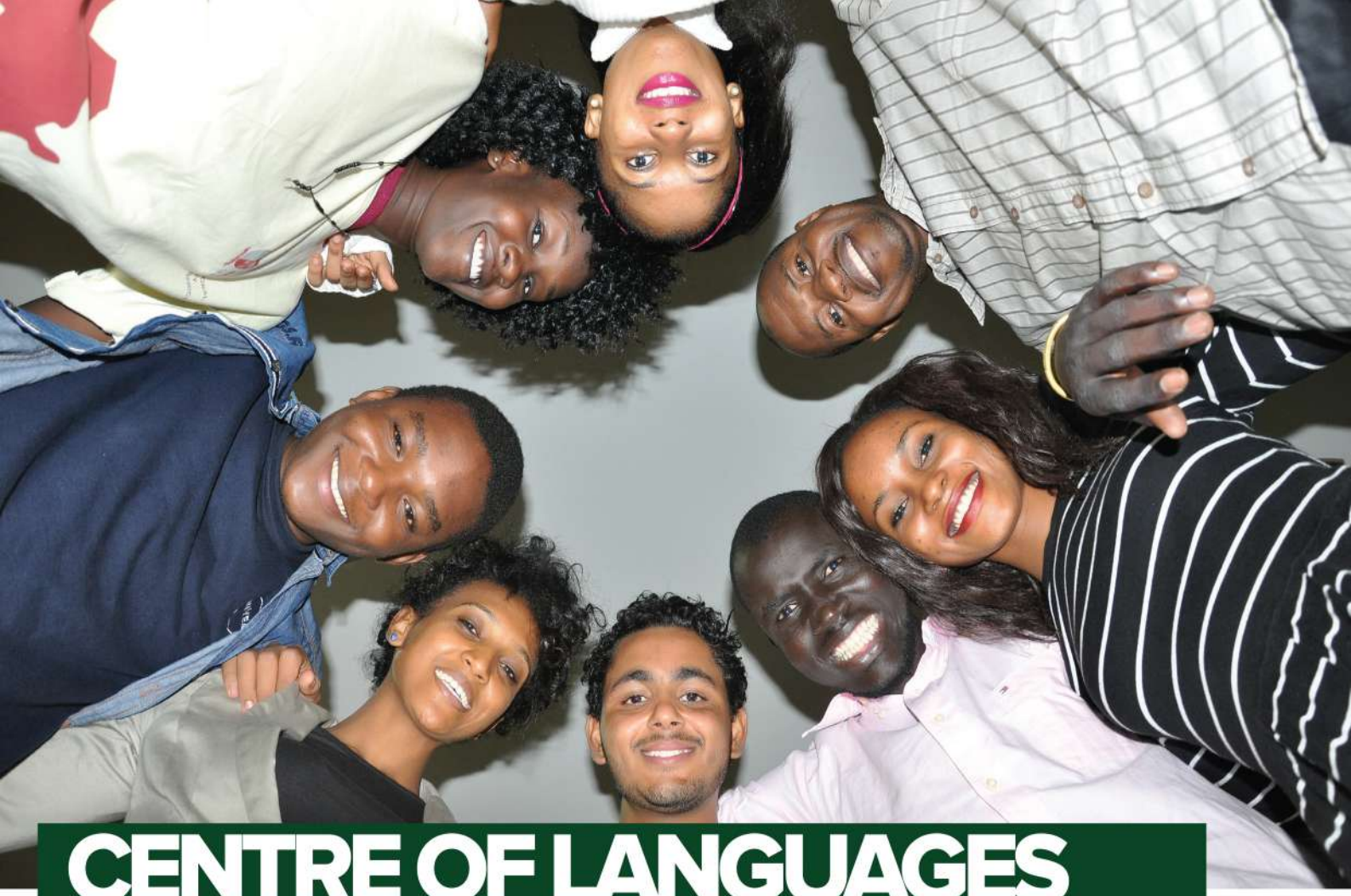
Year 2

Semester One (5 courses)

DCS 2101	Computer Organization & Architecture	4
DCS 2102	Web Development with Visual Basic.NET	4
DCS 2103	Ethics in an IT Environment	3
DCS 2104	Introduction to Numerical Methods	3
DCS 2105	Fundamentals of Network and System Administration	4
Total		17

Year Two Semester Two (5 Courses)

DCS 2201	Object Oriented Programming Fundamentals(Java)	4
DCS 2202	Information Management	3
DCS 2203	Information Systems in Business	3
DCS 2204	Research Methodology	3
DCS 2205	E-Commerce on the Internet	3
Total		16



CENTRE OF LANGUAGES AND PROFESSIONAL SKILLS

Welcome to CLAPS

We are the Centre of Languages and Professional Skills. Our aim is to offer world class language and professional skills courses for our students and the wider market.

Vision

• To be a leading Centre of Languages and Professional Development for the higher education market in East Africa.

Mission

• To provide IUEA stakeholders with relevant, modern and comprehensive programmes of study, and provide access to facilities to meet the language and professional needs of a globalising market.

Objectives

- Create relevant, in demand programmes appropriate for the local and regional market
- Provide academic and professional support for IUEA students and staff
- Use dynamic technological learning strategies to facilitate student learning
- Meet international standards and expectations of language learning
- Enhance the University's reputation by offering a diversity of programmes that improve competencies in languages and professional skills for IUEA students and the local market.
- Assist the University's administration and different Faculty needs through testing and facilitation of academic and professional skills training.

Introduction to English

English is the most widely spoken global language and very important for students pursuing higher education. CLAPS at IUEA aims to support students entering their higher education by offering world class and context appropriate English language instruction to prepare them for live long learning.

Our English programme uses both linguistic as well as communicative approaches to language learning so that students can take advantage of learning English and then using it in an English speaking country.

English courses include Beginner, Elementary and Intermediate and are based on the Common European Framework Reference of Languages. Student class sizes are small to improve the learning experience.

English Courses

English Beginner (A1) 140 hours

This course provides learners with essential English language skills, vocabulary and grammatical structures required to successfully communicate at a beginner to elementary level of English. Learners will build confidence using all language skills of listening, speaking, writing and reading English using real world contexts and scenarios to apply new knowledge. The curricula is based on skills required to meet CEFR A1 in English.

Listening Proficiency Outcomes	Students can understand basic instructions and tasks, can greet and respond accordingly.
Speaking Proficiency Outcomes	Students can pronounce each letter of the alphabet including diphthongs; students are aware of common pronunciation problems and can apply techniques to overcome pronunciation difficulties; students develop confidence in speaking English.
Reading Proficiency Outcomes	Students can read simple, short texts and read common every day forms of communication (eg: forms).
Writing Proficiency Outcomes	Students can write each letter of the alphabet correctly; students can complete common every day written forms and communications. Students can write basic sentences about themselves using simple syntax structures. Students use upper and lower case forms and basic punctuation.
Lexical / Grammatical Resource	Names, greetings, jobs, simple and personal pronouns, questions, possessive pronouns, imperatives, present simple, 'I'd like', plural and singular with demonstratives, basic modals, basic prepositions of place, time, adverbs of frequency.

English Elementary (A2) 140 hours

This course provides learners with elementary to intermediate English skills and vocabulary that is used in everyday life. Learners are expected to be able to apply English in real world contexts and explore and understand how English is used in every day life. Emphasis will be placed on enhancing learner's confidence in all language skill areas and towards making them more fluent users of the language. The curricula is based on skills required to meet CEFR A2 in English.

Learning Outcomes

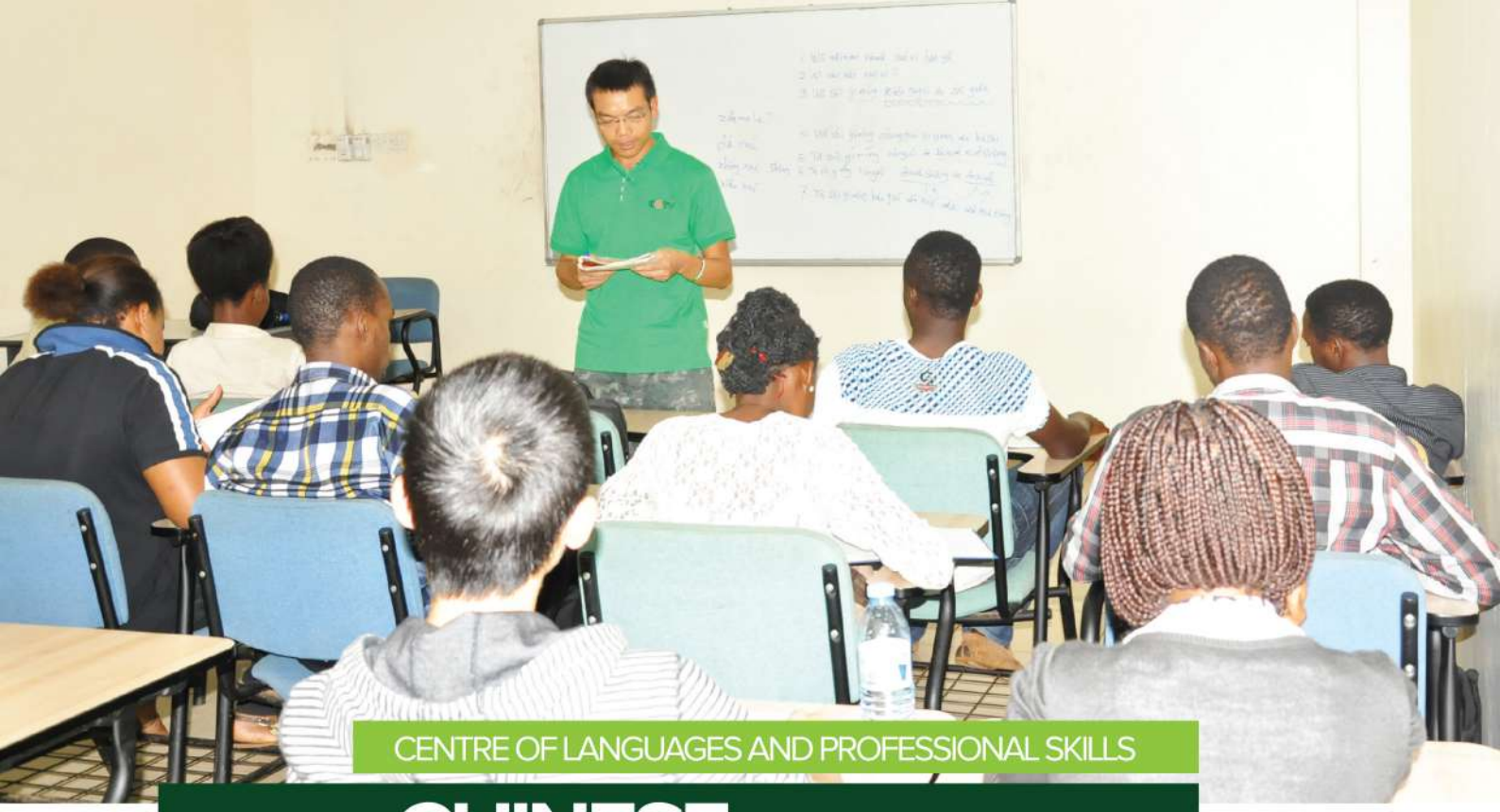
Listening Proficiency Outcomes	Students can understand simple instructions in context; are able to complete given tasks and can respond in appropriate ways.
Speaking Proficiency Outcomes	Students are able to speak long form sentences and are able to express themselves almost fluently.
Reading Proficiency Outcomes	Students can read different short and long texts with good comprehension.
Writing Proficiency Outcomes	Students can write longer and more complex syntactical arrangements in different tenses; students are able to complete simple sentences but are aware of how to include compound and complex forms with the correct use of punctuation.
Lexical / Grammatical Resource	More advanced lexical development and an increasing range of grammatical structures are used.

English Intermediate (B2) 60 hours

This course provides learners with more advanced English skills and vocabulary. Learners are expected to apply English skills in real life contexts as well as being able to engage critically with texts. This course provides learners with the essential skills and requisite language proficiency to begin studying in the English langeuge at University.

Learning outcomes

Listening Proficiency Outcomes	Students are able to follow class lectures and discussions and provide feedback and answers with comprehension generally high.
Speaking Proficiency Outcomes	Students are able to speak spontaneously and without preparation. Students are able to five reasons and explanations and can narrate an event.
Reading Proficiency Outcomes	Students can read and comprehend texts that contain high frequency or job related words. Students understand descriptions of feelings or wishes.
Writing Proficiency Outcomes	Students can write short connected texts on familiar topics and more complex topics with guidance. Students have a command of different syntactic structures which encourages the development of a written style.
Lexical / Grammatical Resource	More advanced lexical development and an increasing range of grammatical structures are used.



CENTRE OF LANGUAGES AND PROFESSIONAL SKILLS

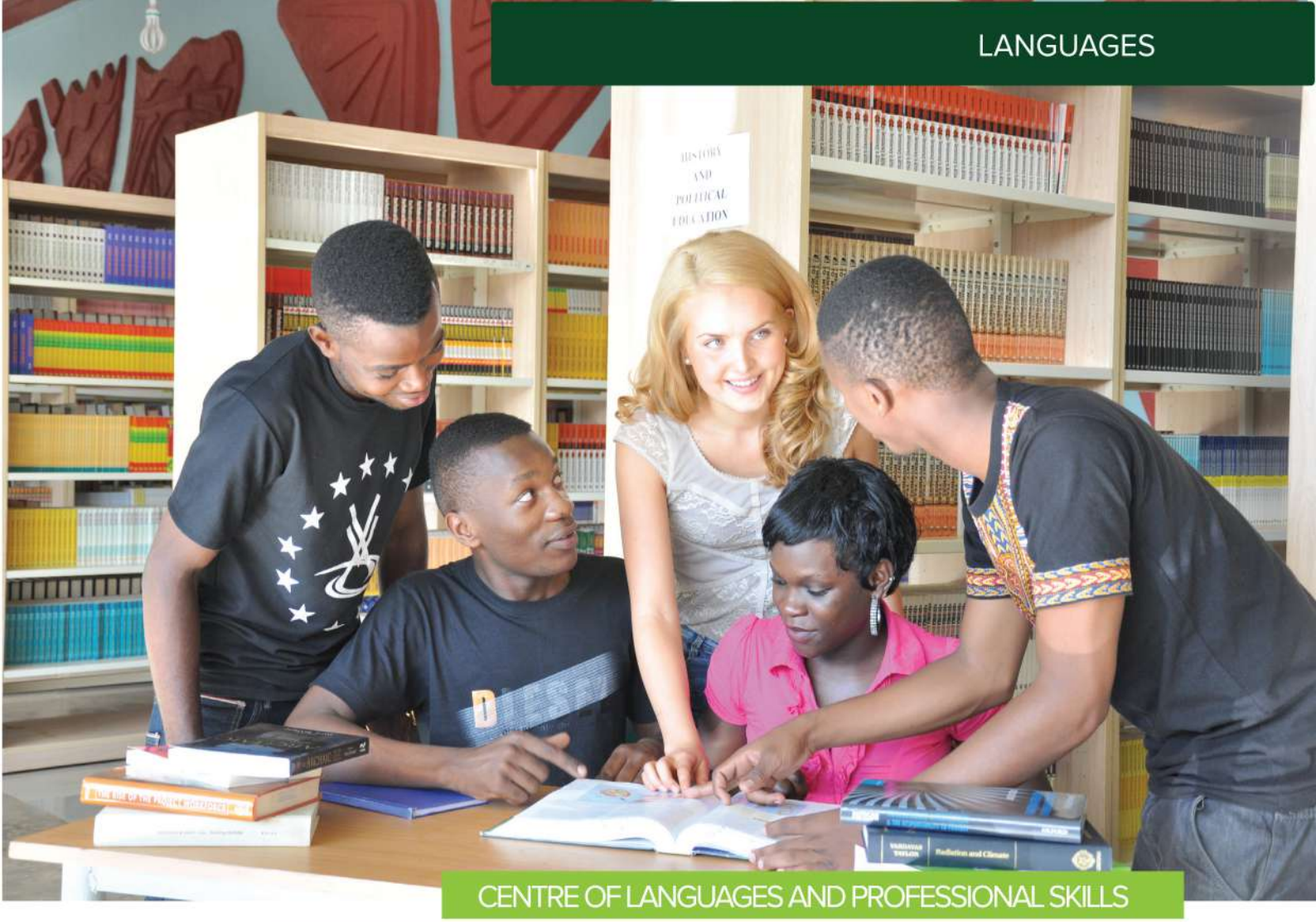
CHINESE

Introduction to Chinese

The Chinese Language teaching team at IUEA is affiliated with the Confucius Institute at Makerere University. Chinese is taught as a part of IUEA's Bachelor of Tourism programme and also as a short course. Students learning Chinese also have the opportunity to attend international events and language camps in China. The teachers are Chinese nationals who are qualified to teach Chinese language based on the Hanban testing system.

Course Description

The course is taught through different levels depending on a student's level of Chinese language proficiency. Courses are taught frequently through out the week and aim to offer both written and spoken foundations in the Chinese language. The classes also promote the study of Chinese language and culture in the international context.



CENTRE OF LANGUAGES AND PROFESSIONAL SKILLS

FRENCH

Introduction to French

French is spoken widely thought out the world and Africa as a second language and is popular amongst students seeking to work in bi-lingual positions in international organisations such as the UN in Africa or Europe. Students learn French based on the CEFR by internationally qualified French teachers. This enables our stundets to attend International French tests and receive international recognition of French language proficiency.

Course Description

French is taught as a short course at IUEA. Students learn for 2 hours per session for up to 140 hours per course. Students will be assessed through out their programme. Upon completion, students may choose to take the French Government administered Test of French to determine their level of proficiency. The short course times and classes are advertised through out the semseter and are dependant on minimum numbers.

CENTRE OF LANGUAGES AND PROFESSIONAL SKILLS

KISWAHILI

Introduction to Kiswahili

The lingua franca of East Africa, Kiswahili is a rich language with a long history of development in the region. Learners of Kiswahili at CLAPS are encouraged to learn the standard of Kiswhili that has been set by regional institutional bodies and so that it can be used universally through out East Africa.

Course Description

This is a short course. Learners study through levels based on their level of proficiency. Learners use course books to help them study and are taught in class by qualified teachers of the language. Students are encouraged to attend activities and events that promote language learning. The course is 60 hours per level with flexible study options for learning. The short course times and classes are advertised through out the semseter and are dependant on minimum numbers.