

French Language Education		
FLE 3101	Methods of Teaching French as a Foreign Language	1
German Language Education		
GLE 3101	Methods of Teaching German	1
Semester II		
English Language Education		
ELT 3202	Oral Reading and Writing Skills in ELT	1
Literature in English Education		
LEE 3201	Methods of Teaching Literature (Drama)	1
Luganda Language Education		
LLE 3202	Methods of Teaching Literature in Luganda	1
Kiswahili Language Education		
KLE 3201	Methods of Teaching Literature in Kiswahili	1
French Language Education		
FLE 3201	Teaching Contacts and Evaluation in French as a Foreign Language	1
German Language Education		

GLE 3201	Methods of Teaching German Literature	1
Runyakitara Language Education		
RNA 1205	Economic Anthropology of the Banyakitara	4
RNA 1206	Introduction to the Dynamics of Linguistics	5
English Language and Literature in English Education		
LEE 1101	Introduction to Literature Education	3
LEE 1102	Language in Literature Teaching	3
LEE 1201	Stylistics in Literature Teaching	3
LEE 1202	Oral Literature in the Classroom	3
LEE 2202	Basic Issues in Literature Teaching	1
LLE 2201	Teaching the Morphology of Luganda	1
LLE 2202	Syntactical Analysis in the Teaching of Luganda	3
LLE 2203	Dialectology in Luganda Education	3
LLE 2204	Creative Writing and the Teacher	3
LLE 2205	Oral Literature in Luganda Education	3

DEPARTMENT OF SCIENCE AND TECHNICAL EDUCATION

Biology Courses

The department fully houses all BIOLOGY courses but also handles the methods of teaching Physics, Chemistry, Mathematics and Agriculture. The methods start in Semester II Year II.

Year I: Semester I		CU
BIO 1101	Cell Biology	3
BIO 1102	Genetics	3
BIO 1103	Evolution	2
BIO 1104	Basic Ecology	4
Year I: Semester II		
BIO 1201	Invertebrate Biology	4
BIO 1202	Lower Vertebrate Biology	4
BIO 1203	Plant Form, Structure and Classification	4
Year II: Semester I		
BIO 2101	Practicals in Biology I	2
BIO 2102	Higher Vertebrate Biology	3

BIO 2103	Introduction to Bio Systematic	3
Year II: Semester II		
BTM 2201	Teaching and Learning Biology	2
MTM 2201	Teaching and Learning Mathematics	2
CTM 2201	Teaching and Learning Chemistry	2
PTM 2201	Teaching and Learning Physics	2
BIO 2201	Practical in Biology II	2
BIO 2202	Animal Histology and Physiology	4
BIO 2203	Fresh Water Biology	3
BIO 2204	Research Methods Data Management	4
Year III: Semester I		
BTM 3101	Curriculum and Contemporally Issues in Biology	2
MTM 3101	Curriculum and Contemporally Issues in Physics	2
CTM 3101	Curriculum and Contemporally Issues in Chemistry	2

PTM 3101	Curriculum and Contemporally Issues in Mathematics	2
BIO 3101	Entomology and Parasitology	4
BIO 3102	Basic Microbiology, Immunology and Mycology	4
BIO 3103	Food and Human Nutrition	4
Year III: Semester II		
BTM 3201	Assessment, Evaluation, Resources and Materials	2
MTM 3201	Assessment, Evaluation, Resources and Materials	2

CTM 3201	Assessment, Evaluation, Resources and Materials	2
PTM 3201	Assessment, Evaluation, Resources and Materials	2
BIO 3201	Research Project	4
BIO 3202	Environmental Ecology	4
BIO 3203	Population and Family Life Education	3
BIO 3204	Biodiversity Education	3

BY FACULTY OF SCIENCE TO BSC EDUCATION STUDENTS

1. Physics

Year II: Semester I		
PHY1101	Physics Practicals	2
PHY1102	Classical Mechanics I	3
PHY1103	Properties Of Matter Heat And Thermodynamic	2
PHY1105	Electricity	3
PHY1106	Optics	2
PHY1153	Properties Of Matter Heat And Thermodynamic	3
Year I: Semester II		
PHY1201	Physics Practical	2
PHY1205	Electricity And Magnetism	3
PHY1206	Heat And Thermodynamics	2
Year II: Semester I		
PHY2101	Physics Practicals	2
PHY2102	Classical Mechanics II	3
PHY2103	Solid State Physics I	2
PHY2105	Electromagnetism	3
PHY2106	Elements Of Astronomy And Astrophysics	2
PHY2107	Elements Of Environmental Physics	2
PHY2108	Introduction To Computer Science	2
PHY2152	Classical Mechanics II	3
PHY2157	Environmental Physics	3
Year II: Semester II		
PHY2201	Physics Practicals	3
PHY2202	Geophysics I	2
PHY2203	Fluid Physics	3
PHY2206	Waves And Optics	3

PHY2207	Quantum Mechanics I	3
PHY2208	Electronics	3
PHY2209	Acoustics	2
PHY2254	Statistical Mechanics	3
Year III: Semester I		
PHY3101	Physics Practicals	2
PHY3102	Geophysics II	2
PHY3103	Solid State Physics II	2
PHY3106	Statistical Mechanics	3
PHY3107	Quantum Mechanics II	3
PHY3108	Electronics And Instrumentation	3
PHY3109	Agricultural Physics	3
PHY3152	Geophysics	2
PHY3157	Quantum Mechanics I	4
PHY3158	Advanced Electronics	2
Year III: Semester II		
PHY3201	Project	2
PHY3203	Materials Science	3
PHY3204	Solar Energy	3
PHY3205	Microwave And Fibre Optics	3
PHY3206	Nuclear Physics	3
PHY3208	Computer Applications	3
PHY3209	Industrial Physics	2
PHY3251	Physics Practicals	2
PHY3258	Electronics And Instrumentation	3

2. Chemistry

Year I: Semester I		
CHM1101	Basic Inorganic Chemistry	
CHM1102	Basic Physical Chemistry	
CHM1103	Basic Elements In Computing	
CHM1104	Mathematics For Chemists	
Year I: Semester II		
CHM1204	Basic Inorganic/Physical Practicals	2
CHM1205	Basic Organic Chemistry	2
Year II: Semester I		
CHM2106	Analytical Chemistry I	4
CHM2107	Inorganic Chemistry I	3
CHM2108	Organic Chemistry I	4
CHM2109	Aromatic Chemistry	2
CHM2110	Sugar And Protein Chemistry	
Year II: Semester II		
CHM2211	Transition Metal Chemistry	3
CHM2212	Organic Chemistry II	2
CHM2213	Electrochemistry	2
CHM2214	Physical Chemistry I	4
CHM2215	Spectroscopy	3
CHM2216	Inorganic Energetics	3
CHM2217	Reaction Kinetics	2
CHM2218	Basic Environmental Chemistry	2
CHM2251	Basic Inorganic Chemistry II	3
Year III: Semester I		
CHM3119	Inorganic Chemistry II	2
CHM3120	Inorganic Synthesis	2
CHM3121	Organic Chemistry III	2
CHM3121	Organic Chemistry III	2
CHM3122	Colloid Science	2
CHM3123	Thermodynamics	2
CHM3124	Solid-State And Crystal Chemistry	2
CHM3125	Organic Spectroscopy	2

CHM3126	Advanced Inorganic Chemistry	2
CHM3127	Organic Chemistry II	2
CHM3156	Quantum Chemistry	2
Year III: Semester II		
CHM3226	Research Project	4
CHM3227	Analytical Chemistry II	2
CHM3228	Application Of Group Theory In Chemistry	2
CHM3229	Organic Chemistry Iv	2
CHM3230	Insecticides Chemistry	2
CHM3231	Advanced Physical Chemistry Practicals	2
CHM3232	Polymer Chemistry	2
CHM3250	Advanced Physical Chemistry	4
CHM3251	Aromatic Chemistry II	4
CHM3252	Spectra And Magneto Chemistry	2
CHM3253	Advanced Inorganic Topics	2
CHM3254	Insecticides And Acetylenes	2

3. Mathematics

Year I: Semester I		
MTH1101	Calculus I	3
MTH1102	Linear Algebra I	3
Year I: Semester II		
MTH1201	Calculus II	3
MTH1202	Elements Of Probability And Statistics	3
Year II: Semester I		
MTH2101	Real Analysis I	3
MTH2102	Probability Theory	3
MTH2103	Differential Equations	3
MTH2104	Linear Algebra II	3
MTH2105	Classical Mechanics I	3
Year II: Semester II		
MTH2201	Abstract Algebra	3
MTH2202	Complex Variables I	3
MTH2203	Numerical Analysis I	3
MTH2204	Statistical Inference I	3
MTH2206	Mathematical Logic	3

Year III: Semester I		
MTH3101	Functional Analysis	
MTH3102	Numerical Analysis II	
MTH3103	Biomathematics	3
MTH3104	Dynamical Systems	3
MTH3106	Stochastic Processes	3

Year III: Semester II		
MTH3201	Real Analysis II	3
MTH3202	Differential Equations II	3
MTH3203	Linear Programming I	3
MTH3204	Classical Mechanics II	3
MTH3206	Advanced Statistics	3

GRADUATE PROGRAMMES

POSTGRADUATE DIPLOMA IN EDUCATION (PGDE)

Admission Requirements

Applicants should normally have studied two of the subjects listed below during their undergraduate University programme - one subject should have been at least studied up to the final degree level.

Programme Structure

Year I: Semester I CORE COURSES		CU
EDC 6101	General Theory and practice of Comparative Education	2
EDE 6101	Economic Theory and Practice in Education	2
EDH 6101	Development of Educational Ideas and Practices in Medieval Period To the present	2
EDT 6101	Teachers Professional Ethics	2
EDA 6201	Theory and Practice of Educational Administration and Management	2
EDP 6201	Philosophical Thought in Education and Orientation	2
EDS 6201	Sociological Theories and Practice in Education	2
ENGLISH		
LEE 6201	the Teaching of Literature (Prose)	2
LEE 6204	Methods of Teaching Literature (Drama)	2
ELT 6202	Language Skills in ELT	2
ELT 6203	Drama in Education	2
FRENCH		
FLE 6201	Methods of Teaching French Language and Literature	2
FLE 6202	Measurement and Evaluation of French as a Foreign Language	2

Postgraduate Education Luganda Language

Year I: Semester I		CU
LLE 6101	General Introduction to Luganda Teaching	2

LLE 6102	Introduction to Teaching Luganda Literature	2
Semester II		
LLE 6201	Teaching Kiganda Culture and Orature	2
LLE 6202	Teaching Luganda Structure	2

English Language And Literature

Year I: Semester I		CU
ELT 6101	Basic Issues in ELT	2
LEE 6102	Basic Issues in Literature Teaching	2
ELT 6103	Management and Practice in ELT	2
LEE 6104	Methods of Teaching Literature	2
Semester II		
LLE 6201	The Teaching of Literature (Prose)	2
ELT 6202	Language Skills in ELT	2
ELT 6203	Drama in Education	2
LEE 6204	Methods of Teaching Literature (Drama)	2

French Language

Year I: Semester I		CU
FLE 6101	Basic Issues in French Language Teaching	2
FLE 6102	Mistake based Pedagogy	2
Semester II		
FLE 6201	Methods of Teaching Language Teaching Literature	2
FLE 6202	Measurement and Evaluation in French as a Foreign Language	2

German Language