



STEM Study Programmes for Northern Uganda

A Guide for A-level leavers preparing for Science Education in Northern Uganda

First Edition-

centreforskills.org

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TABLE OF CONTENTS

TABLE OF CONTENTS	1
INTRODUCTION.....	2
LIRA UNIVERSITY	3
MUNI UNIVERSITY	8
SOROTI UNIVERSITY	9
GULU UNIVERSITY	10

INTRODUCTION

For many young people, applying for university education after UACE is always a headache. You don't know where to start from, and most times, information is scanty.

Centre for Skills and Innovations (CSI) believes that every young person deserves an education, a good education that will ultimately enable them acquire knowledge and skills to lead a good life thereafter.

Our Career Assistance Programme (CAP) provides inclusive, participatory career guidance & assistance for young people in Uganda, both in schools & in the communities.

CAP makes this very important information freely available to all young people.

This document, *STEM Programmes for Northern Uganda* was produced to provide young people with a wide range of science & technology study programmes. Only programmes from 3 Public Universities are considered here.

Although there are many licensed post-secondary study programmes at various universities and tertiary institutions in northern Uganda, we strongly believe that pursuing STEM (Science, Technology, Engineering, Mathematics) will easily help young people gain valuable practical skills. This in turn will help them easily start up business or obtain employment during or upon completion of their undergraduate studies.

This document is intended for A-level levers and absolutely free to share with friends & colleagues. In view of that, we have not provided information about Diploma entry requirements.

You are also advised to cross check further information about programmes here with respective universities. This document provides general information to guide you. **Blue** is for STEM Programmes and **Orange** for other programmes.

STEM Programmes

Other Programmes

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Founder

Centre for Skills and Innovation (CSI)

LIRA UNIVERSITY

Undergraduate Programmes

UACE Holders Applying for Admission Under Private Sponsorship Scheme

Program Title	Bachelor of Science in Economics
Duration	3 years
Study Time	Weekdays / Weekend
Faculty	Faculty of Management Sciences
Requirements	
Two Principal passes in Economics and either Mathematics, Physics, Geography, Computer or Entrepreneurship at the same sitting of the Uganda Advanced Certificate of Education Examinations (U.A.C.E) or a relevant Mature Age Certificate from a recognized Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science with Education (Physical Sciences)
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Education
Requirements	
Two Principal Passes in Mathematics, Physics or Chemistry at A' level obtained at the same sitting or a relevant Mature Age Certificate from a recognized Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science with Education (Biological Sciences)
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Education
Requirements	
Two Principal Passes in Biology, Chemistry or Geography at A' level obtained at the same sitting or a relevant Mature Age Certificate from a recognized Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science with Education (Agriculture Double Main)
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Education
Requirements	
Two Principal Passes in Biology, Geography, Agriculture or Chemistry in their Uganda Advanced Certificate of Education (U.A.C.E.) obtained at the same sitting or a relevant Mature Age Certificate from a recognized Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science with Education (Economics)
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Education
Requirements	
Two Principal Passes in Mathematics, Economics and Geography at A' level obtained at the same sitting.	

Program Title	Bachelor of Science in Midwifery
Duration	4 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
Principal passes in Biology and Chemistry obtained at the same sitting and at least credit in English and Mathematics at 'O' Level.	

Program Title	Bachelor of Science in Public Health
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
A Principal pass in Biology and in any one of the following subjects; Chemistry, Agriculture, Geography, Mathematics, Food and Nutrition or Physics obtained at the same sitting and Uganda Certificate of Education (UCE) or its equivalent with at least passes in English and Mathematics.	

Program Title	Bachelor of Science in Computer Science.
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Management Sciences
Requirements	
A Principal pass in Mathematics and in any one of the following subjects; Physics, Chemistry, Geography, Economics, Entrepreneurship, Technical Drawing, Food and Nutrition or Agriculture obtained at the same sitting or its equivalent.	

Program Title	Bachelor of Commerce
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
A Principal pass in Mathematics and/ or Economics and in one of the following; Physics, Geography or Entrepreneurship obtained at the same sitting or a Mature Age Certificate from a recognised Centre accredited by NCHE or its equivalent	

Program Title	Bachelor of Business Administration
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
A Principal pass in Economics and /or Entrepreneurship and in one of the following; Mathematics, Physics or Geography obtained at the same sitting or a Mature Age Certificate from a recognised Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science in Accounting and Finance
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
Two Principal passes in Economics or Entrepreneurship and either Mathematics, Physics, Geography, or others at the same sitting of the Uganda Advanced Certificate of Education Examinations (U.A.C.E) or its equivalent or a Mature Age Certificate from a recognised Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Computer Education
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
Two principal passes in Mathematics and Physics and either Economics, Chemistry, Geography, or Entrepreneurship at the same sitting of the Uganda Advanced Certificate of Education Examinations (U.A.C.E) or a Mature Age Certificate from a recognized Centre accredited by NCHE or its equivalent.	

Program Title	Bachelor of Science in Community Psychology and Psychotherapy
Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements	
Principal passes in any two of the 'A' Level Subjects obtained at the same sitting or its equivalent.	

Program Title	Bachelor of Public Administration
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Duration	3 years
Study Time	Weekdays
Faculty	Faculty of Health Sciences
Requirements Principal passes in any two of the 'A' Level Subjects obtained at the same sitting or its equivalent.	

MUNI UNIVERSITY

Undergraduate Programmes

For UACE Holders Applying for Admission Under Private Sponsorship Scheme

Program Title	Bachelor of Nursing Science
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	

Program Title	Bachelor of Science with Education
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	Physical Science: two best done subjects of Mathematics, Physics and Chemistry. The subject combinations offered are Mathematics/Physics and Mathematics/Chemistry. Biological Science: subject combination offered is Chemistry/Biology

Program Title	Bachelor of Information Systems
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	

Program Title	Bachelor of Science in Information Technology
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	

SOROTI UNIVERSITY

Undergraduate Programmes

For UACE Holders Applying for Admission Under Private Sponsorship Scheme

Program Title	Bachelor of Medicine and Bachelor of Surgery
Duration	5 years
Study Time	Weekdays
Faculty	
Requirements	<p>Must have passed the Uganda Certificate of Education (UCE) or its equivalent and obtained at least five (5) passes. Must have passed the Uganda Advanced Certificate of Education (UACE) or its equivalent obtained at the same sitting with two (2) Principal Passes in Biology and Chemistry obtained at the same sitting. Must have done Physics or Mathematics and obtained at least a subsidiary pass. iv. Only Candidates who obtained the Uganda Advanced Certificate of Education (UACE) in 2018, 2017 and 2016 are eligible to apply for Direct Entry.</p>

Program Title	Bachelor of Nursing Science
Duration	4 years
Study Time	Weekdays
Faculty	
Requirements	<p>Must have passed the Uganda Certificate of Education (UCE) or its equivalent and obtained at least 5 passes. Must have passed and obtained two (2) principal passes in Biology and Chemistry at A' level (UACE) or its equivalent obtained at the same sitting. Must have done Physics or Mathematics and obtained at least a subsidiary pass. Only Candidates who sat A-'Level in 2018, 2017 and 2016 are eligible to apply for Direct Entry.</p>

GULU UNIVERSITY

Undergraduate Programmes

For UACE Holders Applying for Admission Under Private Sponsorship Scheme

Program Title	Bachelor of Medicine and Bachelor of Surgery
Duration	5 years
Study Time	Weekdays
Faculty	
Requirements	Principal passes in Biology and Chemistry obtained at the same sitting.

Program Title	Bachelor of Science in Public Health
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	Principal passes in two of the following: Biology, Chemistry, Food and Nutrition and Physics obtained at the same sitting and Uganda Certificate of Education (UCE) or its equivalent with at least passes in English and Mathematics.

Program Title	Bachelor of Agriculture
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	Principal passes in Biology and Chemistry obtained at the same sitting.

Program Title	Bachelor of Science in Biosystems Engineering
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Mathematics and Physics obtained at the same sitting and Credit passes in Chemistry and Biology at 'O' Level.	

Program Title	Bachelor of Science in Food and Agribusiness
Duration	4 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Chemistry and Biology obtained at the same sitting and at least credit in Mathematics and English at 'O' Level.	

Program Title	Bachelor of Science in Agri-Entrepreneurship and Communication Management
Duration	4 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in two of the following: Chemistry, Biology Economics, Entrepreneurship, Mathematics and Agriculture obtained at the same sitting and at least a credit in Mathematics.	

Program Title	Bachelor of Business Administration (Weekdays)
Duration	3 years
Study Time	Weekdays / Weekend
Faculty	
Requirements	
A Principal pass in Economics and in one of the following; Mathematics, Physics or Geography obtained at the same sitting.	

Program Title	Bachelor of Quantitative Economics
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Mathematics and Economics obtained at the same sitting.	

Program Title	Bachelor of Science Economics
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Mathematics and Economics obtained at the same sitting.	

Program Title	Bachelor of Development Studies
Duration	3 years
Study Time	Weekdays / Weekend
Faculty	
Requirements	
Principal passes in any two of the 'A' Level Subjects obtained at the same sitting.	

Program Title	Bachelor of Public Administration
Duration	3 years
Study Time	Weekdays / Weekends
Faculty	
Requirements	
Principal passes in any two of the 'A' Level Subjects obtained at the same sitting.	

Program Title	Bachelor of Science Education (Biological)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Biology and Chemistry obtained at the same sitting	

Program Title	Bachelor of Science Education (Physical)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Mathematics and Physics obtained at the same sitting.	

Program Title	Bachelor of Science Education (Economics)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in Mathematics and Economics obtained at the same sitting.	

Program Title	Bachelor of Science Education (Sport Science)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal pass in Biology and in any one of the remaining 'A' Level Subjects obtained at the same sitting.	

Program Title	Bachelor of Science Education (Agriculture)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal passes in two of the following: Biology, Geography, Agriculture and Chemistry obtained at the same sitting and Uganda Certificate of Education (UCE) or its equivalent with at least passes in English, Mathematics, Chemistry and Biology.	

Program Title	Bachelor of Science (Computer Science)
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
Principal pass in Mathematics and in any one of the following subjects; Physics, Chemistry, Geography, Economics, Entrepreneurship, Technical Drawing, Food and Nutrition or Agriculture obtained at the same sitting.	

Program Title	Bachelor of Information and Communications Technology
Duration	3 years
Study Time	Weekdays / Weekends
Faculty	
Requirements	
Principal passes in any two of the 'A' Level subjects obtained at the same sitting and at least a credit pass in English and Mathematics at 'O' Level.	

Program Title	Bachelor of Arts Education
Duration	3 years
Study Time	Weekdays / Weekends
Faculty	
Requirements	
Principal passes in any two of the following subjects; Economics, Geography, Religious Education, History, Literature in English obtained at the same sitting.	

Program Title	Bachelor of Business Education
Duration	3 years
Study Time	Weekdays
Faculty	
Requirements	
A principal pass in Economics and in any one of the remaining 'A' Level subjects obtained at the same sitting and at least Credit pass in Mathematics at 'O' Level.	