

ALX Pathway Foundations Program Overview



About Pathway Foundations Program

Your Gateway to Leading Global Universities

- + ALX Pathway provides High School graduates in Africa a unique opportunity to **access degree programmes** at leading global universities.
- + With a focus on **technology**, Pathway supports, equips and prepares young people across 8 African cities with the essential building blocks for their successful application to one of **ALX's partner universities & beyond**.
- + In addition to university application support, Pathway offers access to **scholarship opportunities and finance partners** that help make university accessible and affordable.



Who is the Pathway program designed for?



The ALX Pathway Program is designed for recent high school graduates from Africa or anyone seeking to advance their education and improve career prospects, especially in tech-related fields.

Key characteristics of qualified Pathway participants include:

- Recent high school graduates
- Of African origin
- With the ability to write and speak English proficiently
- Availability to commit 50 hours per week to Pathway Foundations for its full duration (8 months)
- Near one of ALX's Tech Hubs and can attend in-person events regularly.

Access to the Pathway Experience Includes:

1 ALX Pathway Foundations

Over **8 months**, develop key Meta Skills needed to be highly employable in today's workforce, along with skill-building sessions that focus on subjects like algebra, statistics, business finance, and entrepreneurship.

2 Access to the ALX Community

Tap into a network of like-minded peers who are also preparing for university and starting their early career journey.

3 University Application Prep

Benefit from dedicated mentors supporting your application to the university partner of your choice for your best chance at acceptance.

6 Exclusive Scholarship & Funding Opportunities*

Qualify and apply for sponsorships, scholarships, and funding opportunities that are exclusively available to Pathway participants.

5 Dedicated Tech Hubs

Get access to our state-of-the-art tech Hubs, complete with high-speed broadband, stable electricity, and dedicated meeting spaces.

4 Networking & Community Events

Attend unique online and in-person events hosted by industry leaders and entrepreneurs who will share their university and career experiences.

7 Perks & Rewards

Enjoy access to special perks and earn rewards as part of the Legacy Points program when participating in the Pathway experience

**Sponsorships, scholarships and funding are limited and not guaranteed. Learners must meet all applicable criteria and complete full selection process to be considered for all potential funding opportunities.*

Pathway Foundations Learning Timelines

Week 0:
Learner receives invite to join the ehub, city channels, city hub details & attends Karibu ceremony

Week 2 - 15:
Learner completes 14 weeks of continuous learning, meeting weekly milestones and test deadlines & hub attendance requirements

Week 0:
Learners who pass Term 1 are enrolled in all Term 2 courses, while those who don't are re-enrolled in failed Term 1 courses and some Term 2 courses without exceeding maximum credit requirements

Week 2-15:
Learner completes 14 weeks of continuous learning, meeting weekly milestones and test deadlines & hub attendance requirements. They also begin to apply to universities.

Week 1:
Learner receives invitation to join all program platforms i.e LMS, Circle & Answerbase, attend Support Office Hours [OH] & completes onboarding course to activate.

Week 16:
Learners close the term off with an end of Term Celebration & networking events at the hubs

Week 1:
Learner receives term 2 onboarding comms to continue learning, understand what to expect in term 2, attend Support OHs, submit week 1 tests, milestones & projects

Week 16:
Learners close the term off with an end of Term Celebration & networking event at the hubs



Pathway Foundations Graduate

Pathway Learning

Modality

Learners dedicate an average of **45-50** hours per week

| | | |
|-------------------------------|---|--|
| 45% In LMS | + | ~20 - 22.5 hours per week going through engaging online content. |
| 40% Self Work | + | ~18 - 20 hours per week working on activities, assessments and reflections. |
| 10% Peer Engagement | + | ~4.5 - 5 hours per week collaborating with peers on community platforms and city hubs. |
| 5% City Events | + | ~2 - 2.5 hours at least once weekly attending city hub sessions and events. |

Completion Requirements

To graduate from the Pathway Foundations program and become eligible to access and apply for ALX University partnerships, scholarship and funding, learners must meet the following criteria:

Successfully completed and passed all Term 1 and Term 2 courses i.e. by:

- **Completing and submitting all required assessments; milestones, tests, module checks MCQs and achieving a cumulative score of 70% or higher.**
- **Attended at least one City hub session each week.**
- **Have fully paid Annual All-Access Fee.**

Courses Covered

Learners will take six courses, spread over two 15 week terms. These are designed to equip them with foundation skills essential for their university journey and beyond. The courses include:

Term 1

- + ENT 100 - Foundations in Entrepreneurship
- + QNT 101 - College Algebra

Term 2

- + BUS 200 - Business Finance
- + QNT 102 - Introduction to Statistics
- + ENT 110 - Introduction to Venture Creation
- + SE 101 - Introduction to Software Engineering

Term 1 Weekly Flow

ENT 100

Foundations in Entrepreneurship

Karibu

Program Onboarding
ALX Community
Global challenges and opportunities (GCGO)
Daily 3 Habits
Self-Awareness

- Week 1 - Module Check MCQs
- **Week 1 Milestone:** Survey and PDF screenshot of submission page.
- **Week 1 Test**

GCGOs and Self Evaluation

GCGOs
Ethics in Tech
Self-awareness, evaluation and emotional intelligence
Time management
Peer coaching
Google Workspace

- Week 2 - Module Check MCQs
- **Week 2 Milestone:** Personal mission statement submission.
- **Week 2 Test**

Research and Evaluating Sources

Further deep dive into GCGOs
Problem-solving frameworks and approaches
Research methodology and processes
Time management
Use of AI in research and its ethics

- Week 3 - Module Check MCQs
- **Week 3 Milestone:** Problem statement and research report submission.
- **Week 3 Test**

GCGO Research and Presentation

Developing good habits
Project management
Career opportunities in technology
Writing foundations
Storytelling

- Week 4 - Module Check MCQs
- **Week 4 Assignment:** Presentation on chosen GCGO.
- **Week 4 Test**

Week

1



2



3



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College Algebra

Introduction to Prerequisites

Real Numbers: Algebra Essentials
Exponents and Scientific Notation
Radicals and Rational Exponents
Polynomials
Factoring Polynomials
Rational Expressions

- **Week 1 Practise Quiz**
- **Week 1 Test**

Equations and Inequalities 1

Intro to Equations and Inequalities
The Rectangular Coordinate Systems and Graphs
Linear Equations in One Variable
Models and Applications

- **Week 2 Practise Quiz**
- **Week 2 Test**

Equations and Inequalities 2

Complex Numbers
Quadratic Equations
Other Types of Equations
Linear Inequalities and Absolute Value Inequalities

- **Week 3 Practise Quiz**
- **Week 3 Test.**

Functions 1

Introduction to Functions
Functions and Function Notation
Domain and Range
Rates of Change and Behavior of Graphs

- **Week 4 Practise Quiz**
- **Week 4 Test.**
- **Case Study Submission**

QNT 101

Term 1 Weekly Flow

ENT 100

Foundations in Entrepreneurship

The Hummingbird Challenge

Review and reflection
Goal setting
Hummingbird Challenge

- **Week 5 Milestone:** Hummingbird Challenge Report.

Tech Teams and User Research

Teamwork
Problem definition, human-centered design, and the BUILD framework
Empathy mapping
Data gathering and preparation
Data visualization

- Week 6 - Module Check MCQs
- **Week 6 Milestone:** Personal write-up on first team meeting.
- **Week 6 Test**

Problem Statements and Idea Generation

Leadership traits and mindsets
Process for generating solutions
Prototyping and wireframing
User interviews and feedback
Logic and critical thinking

- Week 7 - Module Check MCQs
- **Week 7 Milestone:** Problem statements, idea collections, and team reflections.
- **Week 7 Test**

Prototyping and User Feedback

Managing conflict and negotiation
BUILD framework and human-centered design
Creating prototypes and wireframes
Conducting user interviews
Defining user personas

- Week 8 - Module Check MCQs
- **Week 8 Assignment:** Team's wireframes or 3D prototype.
- **Week 8 Test**

5



6



7



8



College Algebra

Functions 2

Composition of Functions
Transformation of Functions
Absolute Value Functions
Inverse Functions

- **Week 5 Practise Quiz**
- **Week 5 Test**

Linear Functions

Introduction to Linear Functions
Linear Functions
Modeling with Linear Functions
Fitting Linear Models to Data

- **Week 6 Practise Quiz**
- **Week 6 Test**

Polynomial and Rational Functions 1

Introduction to Polynomial and Rational Functions
Quadratic Functions
Power Functions and Polynomial Functions
Graphs of Polynomial Functions
Dividing Polynomials

- **Week 7 Practise Quiz**
- **Week 7 Test**

Polynomial and Rational Functions 2

Zeros of Polynomial Functions
Rational Functions
Inverses and Radical Functions
Modeling Using Variation

- **Week 8 Practise Quiz**
- **Week 8 Test**
- **Case Study Submission**

QNT 101

Term 1 Weekly Flow

ENT 100

Foundations in Entrepreneurship

Creating a Solid Slide Deck

Product development processes and documentation
Pitching ideas and solutions
Video creation and editing
Audience awareness
Creating powerful presentations

- Week 9 - Module Check MCQs
- **Week 9 Milestone:** A showcase of your wireframes or 3D prototype..
- **Week 9 Test**

Pillars of Change Assignment

Research and analysis for reflection on The 8 Meta Skills

Report writing and synthesizing information

- **Week 10 Milestone:** An essay evaluating the life of a leader of your choice for their application of the 8 Meta Skills.

Career Exploration

Exploring career opportunities in the tech industry

Deep dive into peer coaching and the GROW model

- Week 11 - Module Check MCQs
- **Week 11 Assignment:** Revised inventory, local problem statement, and Hub Activities Report.
- **Week 11 Test**

GCGOs and Your Career

GCGO review and reflection
Personal branding
Deep dive into tech careers
Creating elevator pitches, professional bios, and resumes

- Week 12 - Module Check MCQs
- **Week 12 Milestone:** Updated professional resume.
- **Week 12 Test**

9



10



11



12



College Algebra

Exponential and Logarithmic Functions

Exponential Functions
Graphs of Exponential Logarithmic Functions
Exponential and Logarithmic Equations
Exponential and Logarithmic Models

- **Week 9 Practise Quiz**
- **Week 9 Test**

Systems of Equations and Inequalities 1

Introduction to Systems of Equations and Inequalities
Systems of Linear Equations: Two Variables

- **Week 10 Practise Quiz**
- **Week 10 Test**

Systems of Equations and Inequalities 2

Systems of Linear Equations: Three Variables
Systems of Nonlinear Equations and Inequalities: Two Variables

- **Week 11 Practise Quiz**
- **Week 11 Test**
- **Case Study Submission**

Systems of Equations and Inequalities 3

Partial Fractions
Matrices and Matrix Operations

- **Week 12 Practise Quiz**
- **Week 12 Test**

QNT 101

Term 1 Weekly Flow

ENT 100

Foundations in Entrepreneurship

Career Deep Dive and Self Confidence

Career pathways
AI use cases and productivity tools
AI and ethics in the tech industry
How to deal with imposter syndrome
University Application

- Week 13 - Module Check MCQs
- **Week 13 Milestone:** Tech Track Reflection, Peer Activity, University Application.
- **Week 13 Test.**

Building Your Personal Brand

Personal branding and professional outlook through a portfolio

How to start building a portfolio website

- Week 14 - Module Check MCQs
- **Week 14 Milestone:** Share your LinkedIn profile and create a personal website.
- **Week 14 Test.**

Finalizing Your Online Portfolio

Reflections and self-evaluation
What employers and universities want

Improving your portfolio website
Career and university application readiness

- Week 15 - Module Check MCQs
- **Week 15 Assignment: Website updates, peer feedback, journey insights, and skills map revision.**
- **Week 15 Test.**

13



14



15



College Algebra

Systems of Equations and Inequalities 4

Solving Systems with Gaussian Elimination
Solving Systems with Inverses
Solving Systems with Cramer's Rule

- **Week 13 Practise Quiz**
- **Week 13 Test**

Sequences

Introduction to Sequences
Sequences and Their Notations
Arithmetic Sequences
Geometric Sequences

- **Week 14 Practise Quiz**
- **Week 14 Test**

Final Exam and Prep Time

- **MCQ Exam**
- **Case Study Submission**

QNT 101

alx eHub

Central Platform
to access to all systems
and tools from one
platform.

alx COMMUNITY

ALX Community
Community Platform
where Day-to-day
communication with peers
and program support
teams happens.

alx SAVANNA

Savanna Learning Platform
(LMS) where learners will
access all course content,
assignments & certificate of
completion.



Slido
Online platform used to
capture questions from
learners for all live support
sessions.



Google Calendar
Shared program calendar used
for scheduling all program
events and important program
milestones / deadlines



Youtube Channel Live
streaming of all
program events
including weekly
Support Office Hours.



Support & Resource Channels



A question & answer platform, that is used to address content/curriculum related questions by Technical mentors every Monday - Friday between 8am to 5pm



LEA, Learning Experience Assistant

Learners can engage with our AI bot under the ehub support centre to get responses to frequently asked program questions



Technical Support channel, where learners can engage with our customer support team on all platform login & payment related issues



Weekly Live Support Office Hours

These are live online sessions. Learners will attend these sessions via YouTube and get support with understanding course content



City Learning hubs where learners based in the [8 African cities](#) can visit to attend in-person support sessions & get assistance from city staff & their peers.



Pathway Resources space on the Community Portal.

This is a dedicated channel where learners get access to all program resources including onboarding guides, recordings to live support sessions

Withdrawal & Deferral Guidelines

Withdrawal Process

Withdrawing from a program means that a learner has chosen and formally requested to no longer take the program, its courses and all activities of the program. Learners can withdraw any time, however, no reimbursements of access fees are available.

Pathway Foundations Process for Withdrawing:

- Requests to withdraw are submitted through a **withdrawal request on LEA**.
- The ALX team will review the request, and check for any pending obligations (e.g., unpaid fees, and unreturned materials).
- Upon approval, the TR team processes the withdrawal and updates the learner's status and the learner's access to the eHub, LMS, and community platforms is revoked.
- A confirmation email is sent to the learner, detailing the withdrawal and any final steps.

The Impact of Deferring a Course:

- Once withdrawn from a program, a learner will have to **re-apply to be considered** again for the same program. They can **only re-apply after 1 year** and ALX reserves the right of admission.

Deferral Process

Deferment allows a learner to pause taking a course in instances where they are struggling with their workload and cannot successfully continue with the course. Learners can only defer a course up until the end of the 8th week of the course. **After 8 weeks**, deferment is unavailable.

Pathway Foundations Process for Deferral:

- Deferral requests are submitted via the **Learner Experience Assistant (LEA)**.
- The request is logged for review, and approved if it meets the outlined eligibility criteria.
- Deferrals are reviewed and approved by the ALX Team and the learners' status will be **confirmed on the e-Hub as well as via email**.

The Impact of Deferring a Course:

- Deferral **may delay the learner's progression** through the program and delay their graduation.
- Once deferred from a course the learner will lose access to that particular course – **content, communications and support on Answerbase**.

Term 1 Onboarding Schedule

Email Communication

In Person Events at ALX TECH HUBS

Online Support Event

| Timeline | Day | Date | Activity | Type of Activity | Platform |
|------------------------|-----------------|-------------|--|-------------------------------|---------------------------|
| Pre-onboarding WEEK | Friday | 11 October | RECEIVE INVITATION TO JOIN ALX TECH HUBS WHATSAPP/TELEGRAM GROUPS | Local Platforms Onboarding | Email |
| | Saturday | 19 October | ATTEND KARIBU CEREMONY AT AN ALX TECH HUB | Welcome/Onboarding Event | Inperson at ALX Tech Hubs |
| Onboarding WEEK | Monday | 21 October | ATTEND PROGRAMME DEEP DIVE SUPPORT EVENT | General Program Support Event | Youtube |
| | | | RECEIVE INVITATION TO JOIN ALL PROGRAM PLATFORMS | Program Platforms Onboarding | Email |
| | Wednesday | 23 October | ATTEND ASSIGNMENT SUBMISSION SUPPORT EVENT | General Program Support Event | Youtube |
| | Friday | 25 October | ATTEND COLLEGE ALGEBRA: OFFICE HOURS EVENT | Course Content Support Event | Youtube |
| | Friday - Sunday | 25 - 27 Oct | VISIT ALX TECH HUB FOR WALK IN PLATFORM ONBOARDING SUPPORT/ASSISTANCE | General City Support Sessions | Inperson at ALX Tech Hubs |

THE END!

