



## **Blockchain for Insurance**

A collaboration between the African Leadership University and Blockchain Academy

Lead by ALU School of Insurance



# Program Description

## How will blockchain impact the insurance industry?

This 2 day masterclass is for non-developers, senior managers and executives from the insurance industry who want to gain a solid understanding of blockchain as well as the implications and opportunities for the insurance sector.

## Program Summary

### Day 1: The lay of the land

This introduction will provide a broad, non-technical overview of distributed ledger technologies, how they work, prospects for scale and why they have disruptive potential

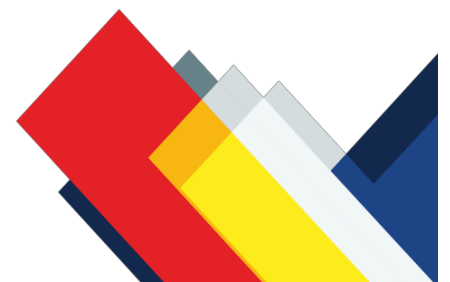
### Day 2: Blockchain in the wild

This day focuses on use cases for blockchain, zooming into insurance applications. Employing a design thinking approach, participants will identifying opportunities to use the blockchain in their organizations.

## Learning Outcomes

### Day1

- Get a high level understanding of the course content flow
- Understand the definition of trust in conventional financial systems
- Compare strengths and weaknesses of blockchains in relation to normal databases
- Recognise the high-level architecture of a blockchain
- Define "consensus" and "immutability" in a blockchain context
- Be aware of basic blockchain-related cryptography
- Define a "digital asset" and know the dissimilarities to conventional assets
- Understand how a digital asset can be recorded and audited on the Bitcoin blockchain
- Understand the risks & costs of asset tokenisation
- Understand why scaling blockchains are problematic
- Name benefits and drawbacks/tradeoffs of using the blockchain at scale
- Define "smart contract" and name their advantages, limitations, and risks





# Learning Outcomes

## Day 2

- Be able to recognize and to give 1 example of a "know your customer" blockchain application.
- Understand how a blockchain enables immutable timestamps
- Identify digital assets that can be recorded on the blockchain
- Explain the relevance of digital assets to the insurance industry
- Explain how the blockchain changes the nature of ownership
- Understand how a blockchain can automate insurance policies
- Know how to implement smart contracts
- Know how to process real world data in an automated insurance product
- Explain how blockchain might influence the insurance industry
- Identify areas for future R&D
- Be in a position to reap the benefits of blockchain at the right time

## Partners

<p><b>African Leadership Xchange</b></p> <p>ALX is a community connecting entrepreneurial leaders and innovative problem solvers in a Pan-African network unlike anything that exists today. ALX is unlocking the potential of Africa's greatest resource: it's people.</p>  <p><a href="http://www.alx.app">www.alx.app</a></p>	<p><b>ALU School of Insurance</b></p> <p>Part of the African Leadership Group, ALU School of Insurance is the pre-eminent learning institute for insurance in Africa.</p>  <p><a href="http://www.alueducation.com">www.alueducation.com</a></p>	<p><b>Blockchain Academy</b></p> <p>The Blockchain Academy was established in 2015 and is the first of its kind in South Africa. The Blockchain Academy provides training on cryptocurrencies and blockchain technology.</p>  <p><a href="http://blockchainacademy.co.za">blockchainacademy.co.za</a></p>
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## Register

Email: [insurance@alueducation.com](mailto:insurance@alueducation.com)

## Details

**Date:** 28-29 November 2019

**Time:** 9am – 4pm

**Venue:** IISA, Block B, 2<sup>nd</sup> Road, Hyde Park, Sandton, Johannesburg.

**Price:** R11,500 pp

