

INSTRUCTOR LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Insurance Professional

- Duration:** 50 Hours
- Delivery:** Instructor Led Webinar – 10 Hours
Online On-Demand / Self-Pace Mentor Supported – 40 Hours
- Instructors:** [Bryant Nielson](#); and TBD
- Office Hours:** 10:00 AM to 6:00 PM Eastern Standard Time
- Email:** studentsupport@blockchainhub360.com
- Prerequisites:** Recommended: Prior business or Insurance industry experience, or existing business and insurance students are well suited for this course.

Continuing Education Units (CEUs): 5

Certification Exam: Certified Blockchain Insurance Professional
Certification Body: Blockchain Certification Association

Certificate Program Overview:

Blockchain is becoming one of the most exciting technologies that is disrupting business and industries, and insurance is an industry most ripe for disruption. The Certified Blockchain Insurance Professional Program provides an in-depth understanding of the impact of blockchain on the insurance marketplace, outlined through the lens of the healthcare sector, and how records, billing and accounting will be impacted. Participants will gain an understanding of the available platforms, hosting, associated technologies, languages and security is paramount to the success of any POC or enterprise deployment. Corporate Executives, stakeholders and developers seeking to align their efforts with the technology need to be aware of the various aspects related to this technology and development. In this course, we seek to present an independent view of each of these topics. Our approach is to share the pros and cons of each decision as well as a non-technical summary of implementation.

Course Composition:

Online On-Demand:	Blockchain Foundations	Modules 1 - 15
Online On-Demand:	Blockchain & Bitcoin Intensive	Modules 1 - 7
Online On-Demand:	Blockchain Development Decision	Modules 1 – 8

Online On-Demand: Blockchain for the Insurance Sector Modules 1 - 5
Instructor Led Webinar: Guest Lectures

Learning Outcomes

- Analyze real-life use cases in the Insurance Sector
- Construct a strategy to make use of blockchain for varying insurance industry needs
- Comprehend blockchain fundamentals
- Explain smart contracts and consensus protocols
- Compare public vs private chains required for different blockchain solutions
- Identifying the decisions and participants in a successful blockchain implementation
- Learn about various blockchain platforms – Open Source and Commercial
- Understand the hosting and mining options
- Awareness of associated technologies and primary programming languages.

Demonstration of Learning Outcomes:

At the conclusion of the Certified Blockchain Insurance Professional Certificate Program non-technical professionals will be able to make decisions together to effectively design, build and maintain a business or organizational blockchain strategy that best suits the needs of all stakeholders utilizing the blockchain. The completion of this program prepares students to sit for the **Certified Blockchain Insurance Professional** exam through the **Blockchain Certification Association (BCA)**.

Evaluation

Evaluation is based on participation and a final exam.

Weighted:

50% participation

50% on the final grade

80% overall grade is required in order to receive a Certificate of Completion.

Grading Policy

Pass or Fail. No Credit (NC).

Attendance Requirements:

Students are expected to complete all online self-paced modules and assessments and attend at least 85% of Instructor Led Webinar Presentations. Should a student miss any portion of the live instruction instructor led webinars are recorded and attached to the learning management. A Certificate of Completion will not be issued if attendance requirements are not met.

Student conduct and etiquette:

Students will be expected to be courteous in their conduct and communications to the instructor and classmates at all times whether such conduct or communication is in person, by telephone or electronic communications.

Behavior that persistently or grossly interferes with instructor or other student activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn and an instructor's ability to teach. The instructor may require a student responsible for disruptive behavior to leave the learning environment pending discussion and resolution of the problem and may report a disruptive student to the Student Affairs Office.

Note: Disruptions, or any other distraction in the learning environment may result in a failing grade.

Course Evaluations

Course evaluations and program surveys are important components of the educational process. Students are encouraged to complete the student course evaluation form that will be distributed at the conclusion of the Certificate Program. The evaluation is anonymous.

Computer/Information Literacy Expectations for Students enrolled in this class

Students in this class are expected to:

- 1) Use a word processing program for writing assignments (e.g., Microsoft Word)
- 2) Be able to access assigned websites through the internet
- 3) Have access to PC or mobile device for participation in course content

CERTIFICATE PROGRAM COURSE MODULE OVERVIEW:

BLOCKCHAIN FOUNDATIONS – 15 MODULES

Module 1: Blockchain Basics 1

Module 2: Blockchain Basics

Module 3: Cryptography

Module 4: Blockchains Security

Module 5: Accessing Utilities KU and TX and Wallets

Module 6: Blockchain Smart Contracts

Module 7: Blockchain Pros & Cons

Module 8: Current State of Blockchain

Module 9: Review of Public Blockchain apps

Module 10: Governments & Regulation

Module 11: Use case deep dive

Module 12: DAO

Module 13: Regulatory Reporting

Module 14: Breakout Session

Module 15: The Future of Blockchain

BLOCKCHAIN & BITCOIN INTENSIVE – 7 MODULES

- Module 1: Bitcoin Concepts**
- Module 2: Technical Bitcoin Limitations**
- Module 3: Bitcoin Limitations**
- Module 4: From Blockchain V1 to Blockchain V2**
- Module 5: Blockchain as the New Database**
- Module 6: Blockchain V2 Use Cases**
- Module 7: Preparing your firm for Blockchain**

BLOCKCHAIN DEVELOPMENT DECISION– 8 MODULES

- Module 1: Blockchain Development Essentials**
- Module 2: Blockchain Platforms**
- Module 3: Hosting/Mining Decisions**
- Module 4: Associated Technologies**
- Module 5: Development Languages**
- Module 6: Security and Implementation Goals**
- Module 7: Risk Management**
- Module 8: Digital Transformation Traps & Summary**

BLOCKCHAIN AND THE INSURANCE SECTOR – 5 MODULES

- Module 1 – Blockchain 101**
- Module 2 - The Insurance Sector**
- Module 3 – Blockchain’s Impact on Insurance**
- Module 4 – Blockchain Technology**
- Module 5 - Preparing Your Firm For Blockchain**