THE OSGOODE CERTIFICATE IN
BLOCKCHAINS, SMART CONTRACTS AND THE LAW

Module 1 - November 28 & 29, 2018
Module 2 - January 23 & 24, 2019

In-person & webcast
(In-person registration is limited)

Designed for **lawyers** and **executives** without a technical background, this is an intensive deep dive to help you understand blockchain technology and how it will interact with legal and financial systems.

Blockchain is one of the most significant and multidisciplinary technologies to impact business in recent history.

- Demystify the technology to understand its possibilities and limitations
- Unlock a deeper knowledge of blockchain and distributed ledger systems in a business environment
- Acquire an understanding of the key technical, legal and regulatory considerations in applying blockchain to a business opportunity
- Discover the regulatory evolution of cryptocurrencies and its implication for anonymity, and what blockchain means for the future
- Build your own smart legal agreement ('smart contract')

Program Director

Amy ter Haar
Founder, Global Blockchain Consultants

Location

Osgoode Professional Development
1 Dundas St. W., 26th Floor
Toronto, ON

Register today at:
osgoodepd.ca/blockchainlaw

OSGOODE
OSGOODE HALL LAW SCHOOL
PROFESSIONAL DEVELOPMENT

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Drawing on the expertise and experience of leading thinkers, lawyers, developers and executives, including:

Amy ter Haar
Founder, Global Blockchain Consultants

Amy ter Haar is a blockchain consultant and internationally recognized authority on the legal, technological and business aspects of blockchain technology. She has extensive leadership expertise in founding companies in the fintech and legal tech sectors. Passionate about the growth of leading organizations and supporting community development, such as Toronto Legal Hackers, London Legal Hackers and The Blockchain Hub. Amy excels at connecting people, projects and possibilities. She sits on the board of Blockchain Canada, is an associate at the Creative Destruction Lab, sits on the advisory committee for Globalive Technology Partners, develops curriculum for Osgoode Professional Development and is a doctoral student at Western University.

Advisory Board

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Founder, Clause.io

Parna Sabet-Stephenson
Partner, Gowling WLG

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Bitcoin Core Developer, Applied Cryptography Consultant

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The Osgoode Certificate in Blockchains, Smart Contracts and the Law

In two intensive modules, this one-of-a-kind, focused and practical Certificate, provides an overview of key issues, together with practical strategies from an expert, multi-disciplinary faculty.

Not ready to complete the whole Certificate?

Choose to register for

Module 1:
The Fundamentals of Blockchains, Smart Contracts and the Law
(Nov 28 & 29)

OR

Module 2:
Cryptocurrency and Smart Contracts: Understanding the Challenges and Legal Issues
(Jan. 23 & 24)

Register today at:
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blockchainlaw

Learning from a truly exceptional faculty of leading experts, you will explore the potential of the blockchain industry, as well as the effect of the technology on other industries. You'll enhance your understanding of blockchain that will arm you with the knowledge and insights to incorporate blockchain into your practice and/or business strategy.

Practical and Experiential Learning

This program will focus on practical, real world situations and provide ample opportunity for hands-on learning, questions and class discussion. **Using a custom developed case file, you will take a deep dive into the foundational understanding of how blockchain works, and its potential impact on economies, financial structures, law, business and your business strategy.**

In addition to instructional sessions, you will benefit from learn-by-doing workshops where you will have an opportunity to apply what you've learned, including building a smart legal agreement' using the latest tools.

Space is limited to ensure an engaging and interactive experience. Reserve your spot now!

Who Should Attend

The Osgoode Certificate in Blockchains, Smart Contracts and the Law is designed to help lawyers, financial services and business professionals, entrepreneurs, government officials and public administrators better understand the technical underpinnings of blockchain, how it will likely interact with existing legal and financial systems, and the opportunities for innovation in blockchain systems.

The certificate bridges a wide gap that exists today between specialist and generalist knowledge in this multidisciplinary field. The certificate is ideal for anyone with a keen interest in blockchain technology, especially those in the legal industry or those in a managerial, executive or director position, including:

- Lawyers
- Banking, financial services and business professionals
- Entrepreneurs
- Government officials
- Public administrators
- General counsel and in-house counsel
- Anti-money laundering professionals
- Federal and provincial regulators
- Compliance and risk management professionals
- Management consultants and technology consultants
- Business leaders, managers and influencers who want insight and knowledge of blockchain technology and examples of its uses

Get Practical Tips & Strategies in areas including:

Module 1
Get a solid grounding in the legal structure and fundamental principles that are essential foundations for any business or legal professional involved in this rapidly evolving area.

Module 2
Learn the foundations of cryptocurrencies and explore their economic implications. Acknowledged experts – from both a technical and economic perspective – will provide a solid grounding of core concepts, providing an overview of the legal landscape while also highlighting the broad range of legal issues raised by various applications of this technology and the legal and regulatory responses to date.

PLUS! You will have the opportunity to put what you have learned into practice. All participants will go through the process of creating a smart legal agreement ('smart contract') using The Accord Project.

Agenda

The Fundamentals of Blockchains, Smart Contracts and the Law

You'll get a foundational understanding of how blockchain works, and its potential impact on economies, financial structures, law, business and your business strategy. We begin with the history of cryptocurrency, then examine the laws, organizations and governance behind it to build a complete picture of the ecosystem surrounding blockchain technology.

November 28th, 2018
8:30am - 5:00pm

Understanding Blockchain - The Fundamentals

Context and Concepts

· This is how Bitcoin works

· The historic context that fostered the emergence of blockchain

· The key properties of blockchain technology and its constituent parts

· Current applications of blockchain technology across different industries

· The scale of investment in blockchain technology and the significance of the blockchain industry

Why Blockchain Stands Out

· Blockchain as a way to synchronize different copies of a database

  - Comparison with traditional databases

  - Limitations

  - When should you use blockchain technology

Types of Distributed Ledger Technologies

· Permissionless, Public, Shared systems. Permissioned Public, Shared Systems. Permissioned, Private, Shared Systems

· Ethereum - a blockchain based computing platform for decentralized applications

· What are decentralized applications or 'dapps'?

  - The dapps ecosystem - disrupting the disruptors

  - How do dapps raise capital? - 'ICOs' and token trading

November 29th, 2018
8:30am - 5:00pm

Understanding the Laws, Regulation & Risk

Regulation - where does the world stand right now?

· Perspectives on cryptocurrency regulation

· Canadian taxation of cryptocurrencies

· Intellectual property and enforcement - who owns the blockchain?

· The Regulatory environment for trading

· Who makes the rules in the blockchain world? Who will exercise sovereignty? What is driving the transformation of global institutions of governance and exchange

· Explore more legal issues in blockchain - privacy, identity, advertising, and marketing

Cryptography and Blockchains 101 - "Forget Bitcoin, it's all about the blockchain"

· Bitcoin & blockchain: what is the relation?

· Why are blockchains better than traditional technologies?

· Benefits of using blockchains: provenance, consensus, security, high availability, awareness of breaks in finality and immutability

Understanding the Benefits of Blockchain for Law, Markets and Banking

· Payments

  - Remittances

  - Cross border payments

· Investment banking

  - Post-trade

  - Derivatives

  - Reporting

· A new landscape for markets and regulatory hurdles

  - Basel 3 and capital restrictions on banking activity

  - KYC, AML, CFT

  - Collateral management and concept of minting explained

Cryptocurrency and Smart Contracts: Understanding the Challenges and Legal issues

Module 2 dives into cryptocurrencies and explores their economic implications. It provides a theoretical understanding from a technical and economic perspective.

You will get an overview of the legal landscape and the broad range of legal issues raised by various applications of this technology and the legal and regulatory responses to date. Putting what you have learned to work, you will go through the process of creating a smart legal agreement ('smart contract') that 'comes alive' and autonomously manages itself.

January 23 , 2019
8:30am - 5:00pm
The Cryptocraze, ICO's and Token-mania

Overview of the Legal Issues, Risk and Limiting Factors

· Current (and proposed) legislation, technological costs, internet access, electricity)

· The Regulatory and market environment for trading (private models, exchanges and ETFs)

· Canadian taxation of cryptocurrency

· Initial Coin Offerings (ICOs)

  - Purpose and evolution

  - Structuring (tax considerations, securities laws, commercial law, advertising and marketing)

  - Risks of an ICO

· What is mining and why are incentives important?

· Survey of various jurisdictions – an international perspective

· Recent cases and proposed legislation

Initial Coin Offerings: The Good, The Bad & the Dangerous

· Purpose and evolution

· Structuring (tax considerations, securities laws, commercial law, advertising and marketing)

· Risks of an ICO

· Survey of various jurisdictions – an international perspective

· Recent cases and proposed legislation

Cryptocurrency Regulation in 2018: Where the World Stands Right Now

· Sovereignty in a Blockchain World

- Who makes the rules in a blockchain world? Who will exercise sovereignty?

- What is driving the transformation of global institutions of governance and exchange?

- What are the implications of these tendencies in the construction of future sovereignties?

- How can (or should) we point to opportunities for technologists to ally with co-operativists in building a decentralized, democratic sovereignty organized through a technological commonwealth

January 24 , 2019
8:30am - 5:00pm
Smart Contracts, Intelligent Contracts, Code and Law

Deciphering Smart Contracts

· The role of lawyers with regard to smart contracts

· What smart contracts are not and why?

· What is the relationship between smart contract and blockchain?

· Are smart contracts suitable for all situations?

· Why traditional and smart contracts are synergistic technologies

· Introduction to Hyperledger Fabric & Ethereum

· Introduction to The Accord Project

· Ethereum: practical use-cases for smart contracts

· How smart contract coding works

· Why smart contracts can be useful

When Worlds Collide - Smart Contracts and the Law

· Implementing legally binding use cases:

legal aspects of smart contracts

· How could a smart contract deal with externalities like force majeure?

· How can fairness be built into a smart contract?

· Will smart contracts be able to exclude the courts?

Hands-On Workshop
Implementation of Smart Contracts using Accord

Following a live demonstration of smart legal agreements from Peter Hunn, you will be able to apply all you have learned to create your own smart legal agreement. In a zero-consequence environment, your paper contracts will 'come alive' and autonomously manage themselves. You will also learn about additional applications, including Clause.

Participants must bring a table or laptop, including a Word version of a commercial agreement.

For those completing the Certificate – a take home assignment will be distributed.

Register today at:
osgoodepd.ca/blockchainlaw

Registration Details

Fee per Delegate
Module One or Module Two: $1,195/pp plus HST
Full Certificate with both Module One and Module Two: $2,195/pp plus HST
Fees include attendance, program materials, lunch and break refreshments. Visit www.osgoodepd.ca/financial-assistance for details about financial assistance.

Program Changes
We will make every effort to present the program as advertised, but it may be necessary to change the date, location, speakers or content with little or no notice. In the event of program cancellation, York University's and Osgoode Hall Law School's liability is limited to reimbursement of paid fees.

Cancellations and Substitutions
Substitution of registrants is permitted at any time. If you are unable to find a substitute, a full refund is available if a cancellation request is received in writing 21 days prior to the program date. If a cancellation request is made with less than 21 days notice, a $150 administration fee will apply. No other refund is available.

For Further Program–Related Information please contact:
Amy ter Haar, Program Director at 647.527.3996
or email aterhaar@osgoode.yorku.ca

Certificate of Program Completion

You will receive a certificate upon completion of **The Osgoode Certificate in Blockchains, Smart Contracts and the Law.** Participants must attend Modules 1 & 2 and **pass the post-program multiple-choice assessment** to receive a certificate.

4 Convenient Ways to Register

Mail   Online   Fax   Call

Register today at:
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