

# **FIN389 Computational Law in Token Economy**

**Level:** 3

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JULY

## **Synopsis:**

FIN389 Computational Law in Token Economy provides the foundations for a nascent discipline – computational law. While the discipline is still in infancy, its constituents – law and computer science – are mature and deep. Developments in FinTech have brought the two disciplines together. They are also the natural knowledge bases to ground general understanding of the foundations of future finance, namely blockchain society and token economy. Students will learn about concepts and issues at the confluence of computation and law, such as the distinctions between law and computer code, as well as applications to FinTech. They will also acquire technological skills that are useful for the handling of legal data and information.

## **Topics:**

- Nature of computational law
- Developments in law and technology
- Tokens and smart contracts
- Blockchain
- Law – syntax and semantics
- Computer code – syntax and semantics
- RegTech/Legal Tech
- Legal data analysis
- Legal information retrieval
- Legal information visualisation
- Legal reasoning
- AI techniques

## **Textbooks:**

FIN389 Study Guide

ISBN-13: SG-1922

Artificial Intelligence and Legal Analytics. Ashley, K. D. (2017). Cambridge University Press Ashley, K. D. Cambridge University Press (VitalSource)

ISBN-13: 9781316622810

**Learning Outcome:**

- Demonstrate appreciation of background from philosophy, law and technology.
- Show understanding of link between computational law and token/smart contract/blockchain.
- Distinguish between law and computer code.
- Examine current issues on law and technology in the industry.
- Use technological tools for legal data analysis and information retrieval.
- Apply AI techniques to legal reasoning.

**Assessment Strategies - Regular Semester (Daytime Class):**

<b>Components</b>	<b>Description</b>	<b>Weightage Allocation (%)</b>
Overall Continuous Assessment	TUTOR-MARKED ASSIGNMENT 1	15
	GROUP BASED ASSIGNMENT 1	15
	PARTICIPATION 1	10
Overall Examinable Components	ECA-REPORT	39
	ECA-VIDEO	15
	ECA-POWERPOINT	6
<b>Total</b>		<b>100</b>

\*The information listed is subject to review and change.