

Course Syllabus

Course: *Special Topics in Business:
Blockchain Technology & Digital Currencies*

Department: *Management & MIS*

Host Institution: *University of Nicosia, Cyprus*



UNIVERSITY of NICOSIA | Global Semesters

Course Summary

Course Code	Course Title	ECTS / Credit Hours
BADM-491	Special Topics in Business: Blockchain Technology & Digital Currencies	6 ECTS / 3 US Credits
Subject	Contact Hours	Prerequisites
Business/MIS	42-45	None
Department	Level of Course	Method of Delivery
Management & MIS	Lower-Division	Synchronous & Asynchronous Online

Course Objective

After completion of the course students are expected to be able to:

1. Demonstrate how blockchain technology works.
2. Discuss and place cryptocurrencies and Blockchain activities, within an appropriate technological and monetary context.
3. Master basic usage skills around Bitcoin.
4. Discuss possible future directions and likely obstacles for health care organization.
5. Discuss how the innovative nature and usability of smart contracts and blockchain applications.

Learning Outcomes

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Course Contents

1. Introduction to Cryptocurrencies
2. Become a Cryptocurrency User – Wallet Protection
3. Exploring Bitcoin Transactions
4. Cryptocurrencies beyond Bitcoin
5. Introduction to Blockchains
6. Global Adoption and Regulatory Landscape
7. Smart Contract Fundamentals
8. Blockchain Applications beyond Banking and Finance I
9. Blockchain Applications beyond Banking and Finance II
10. Blockchain Applications for Banking and Finance
11. Traditional Crowdfunding vs ICOs vs STOs
12. The Future of Cryptocurrencies and Blockchain

Teaching & Learning Method

- Lectures
- Theoretical Assignment (*Mid-term*)
- Final Exam

Readings and Resources

Required Reading

1. Antonopoulos, A. (2014) Mastering Bitcoin. O'Reilly Publishing.
2. Narayanan, A. & Goldfeder, S. (2016) Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction. Princeton University Press.
3. Tapscott, D. & Tapscott, A. (2016) Blockchain Revolution: How the Technology Behind Bitcoin Is Changing Money, Business and the World. Penguin Books Limited.