



MACKENZIE PRESBYTERIAN UNIVERSITY
Social and Applied Sciences Centre
Graduate Program in Business Management

TEACHING PLAN

Graduate Program: Business Management		
Course: <input checked="" type="checkbox"/> Academic Master's <input type="checkbox"/> Professional Master's <input checked="" type="checkbox"/> Doctorate		
Discipline: DIGITAL FINANCE		Discipline code: ENST54921
Professor: DENIS FORTE		DRT: 1119675
Workload: 32h	Credits: 2	<input type="checkbox"/> Mandatory <input checked="" type="checkbox"/> Elective
Syllabus: <ol style="list-style-type: none">1. Course presentation. Cambridge Three Pillars - Digital Assets definitions and ecosystem2. Process 1 - Technology – Big Data , Artificial Intelligence, Open Finance, DAO3. Process 2 - Regulatory Environment – International and National regulations, SEC, CVM, LGPD4. Environment Implications and ESG considerations5. Process 3 - Banking Ecosystem – Financial Players, Products, Trends6. Finance, Accounting and Controllershship behind Digital Assets – Behavioural Finance, Valuation and Markets7. Best topics choices – Technical and academic papers discussion of the three pillars8. End of the course. Final seminars from student.		
Assessment Criteria: Class Participation : Presence + class discussions + presentations = class participation = 40% Assessment Report + Final written discussion paper = academic participation = 60% Final Grade = class participation + academic participation Discussion of the Topic of the day in the Course Plan and Individual. Presentation of an A paper in the topic (doctoral) or presentation of applied knowledge (outside participant) or National Paper A2 (master) Assesment Report is the progress through the discipline in terms of literacy learning. Final discussion paper is a Topic Research proposal (doctoral) or a Discussion Paper (master).		



Bibliography :

Bin Yan, Feng Wang, Tian Chen, Siyu Liu, Xiaoxuan Bai, Digital finance, environmental regulation and emission reduction in manufacturing industry: New evidence incorporating dynamic spatial-temporal correlation and competition, *International Review of Economics & Finance*, Volume 83, 2023, Pages 750-763, ISSN 1059-0560, <https://doi.org/10.1016/j.iref.2022.10.025>

Gomber, P., Koch, J.A. & Siering, M. Digital Finance and FinTech: current research and future research directions. *J Bus Econ* 87, 537–580 (2017). <https://doi.org/10.1007/s11573-017-0852-x>

Hu, Yiqun, Xiong Dai, and Li Zhao. 2022. "Digital Finance, Environmental Regulation, and Green Technology Innovation: An Empirical Study of 278 Cities in China" *Sustainability* 14, no. 14: 8652. <https://doi.org/10.3390/su14148652>

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Parul Kumar, Rekha Pillai, Neha Kumar, Mosab I. Tabash,

The interplay of skills, digital financial literacy, capability, and autonomy in financial decision making and well-being, *Borsa Istanbul Review*, Volume 23, Issue 1, 2023, Pages 169-183, ISSN 2214-8450, <https://doi.org/10.1016/j.bir.2022.09.012> .

Wang, Z. Digital Finance, Financing Constraint and Enterprise Financial Risk

Journal of Mathematics, Volume 2022, Article ID 2882113, 9 pages <https://doi.org/10.1155/2022/2882113>

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Non academic Articles

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Cambridge – three pillars - <https://www.jbs.cam.ac.uk/2022/digital-assets-project-launched-new-public-private-collaboration-announced-to-shed-light-on-the-digital-asset-ecosystem/>

Demystifying cryptocurrency and digital assets <https://www.pwc.com/us/en/tech-effect/emerging-tech/understanding-cryptocurrency-digital-assets.html> Access Oct, 2023. Digital Assets – Perspectives, insights, and analysis

<https://www2.deloitte.com/us/en/pages/consulting/topics/digital-assets.html> Access Oct, 2023.

From next-generation to now: Digital assets - On the board's agenda.

<https://www2.deloitte.com/us/en/pages/center-for-board-effectiveness/articles/from-next-generation-to-now-digital-assets.html> Deloitte, April, 2022.

What Are Digital Assets? <https://www.thebalancemoney.com/what-are-digital-assets-5207790> . Rosenberg, Eric. Dec, 2021