



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

**TEACHING PLAN**

<b>Graduate Program:</b> Business Management		
<b>Course:</b> <input checked="" type="checkbox"/> Academic Master's <input type="checkbox"/> Professional Master's <input checked="" type="checkbox"/> Doctorate		
<b>Discipline:</b> DIGITAL FINANCE		<b>Discipline code:</b> ENST54798
<b>Professor:</b> DENIS FORTE		<b>DRT:</b> 111967-5
<b>Workload:</b> 32h	<b>Credits:</b> 2	<input type="checkbox"/> Mandatory <input checked="" type="checkbox"/> Elective
<b>Syllabus:</b> <ol style="list-style-type: none"><li>1. Course presentation. Cambridge Three Pillars - Digital Assets definitions and ecosystem</li><li>2. Process 1 - Technology – Big Data , Artificial Intelligence, Open Finance, DAO</li><li>3. Process 2 - Regulatory Environment – International and National regulations, SEC, CVM, LGPD</li><li>4. Environment Implications and ESG considerations</li><li>5. Process 3 - Banking Ecosystem – Financial Players, Products, Trends</li><li>6. Finance, Accounting and Controllership behind Digital Assets – Behavioural Finance, Valuation and Markets</li><li>7. Best topics choices – Technical and academic papers discussion of the three pillars</li><li>8. End of the course. Final seminars from student.</li></ol>		
<b>Assessment Criteria:</b> <p>Class Participation : Presence + class discussions + presentations = class participation = 40% Assessment Report + Final written discussion paper = academic participation = 60% Final Grade = class participation + academic participation</p> <p>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)</p> <p>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).</p>		



**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, JA. & 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>

Jnr, M. Y., Gartchie Gatsi, J., Kumah Amponsah, E. A., & Mahamud Aba, S. –Dean. (2023). Digital Financial Ecosystems. *International Journal of Business Innovation*, 2(3), e31230. <https://doi.org/10.34624/ijbi.v2i3.31230>

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>

WU, J. Nexus analysis of financial management, digital finance and new technologies, *Global Finance Journal*, Volume 57, 2023, 100869, ISSN 1044-0283, <https://doi.org/10.1016/j.gfj.2023.100869> .

**Non academic Articles**

Are you chasing the right digital assets? <https://www.mckinsey.com/capabilities/strategy-and-corporate-finance/our-insights/are-you-chasing-the-right-digital-assets> Mc Kinsey, Dec 2022.

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