

Module Synopses

Postgraduate Diploma in Web3 and Digital-Intelligence Leadership (Mandarin)

Awarded by Nanyang Institute of Management

Total numbers of Modules – 8

Module & Description	Hours	Credits
<p>1. Foundational Logic of the Digital-Intelligence Era and Web3</p> <p>To provide learners with a foundational understanding of the digital-intelligence economy and the underlying logic of Web3. It equips learners with the conceptual tools to critically examine the evolution from Web1 and Web2 to Web3, and to understand the real economic, organisational, and governance roles of blockchain, smart contracts, tokens, NFTs, and DAOs beyond surface-level technological narratives.</p>	36	20
<p>2. Digital Assets, RWA, and the New Financial Paradigm</p> <p>To develop learners' strategic understanding of digital assets and real-world asset (RWA) tokenisation within emerging financial ecosystems. Learners will examine how new financial architectures reshape capital formation, asset liquidity, and corporate governance, while critically assessing the interaction between digital assets, DeFi, stablecoins, traditional finance, and regulatory evolution.</p>	36	20
<p>3. AI × Web3 Integration and System-Level Innovation</p> <p>To enable learners to evaluate the strategic convergence of artificial intelligence and Web3 technologies. It focuses on how AI agents, data, algorithms, and on-chain mechanisms interact to create system-level innovation, supporting learners in understanding the design and governance of next-generation digital platforms and decentralised ecosystems.</p>	36	20
<p>4. Web3 and the Green Economy – New Digital Infrastructure</p> <p>To explore the role of Web3 and AI as enabling infrastructures for the green economy. Learners will analyse decentralised physical infrastructure networks (DePIN), decentralised IoT, and the tokenisation of environmental and carbon assets, developing insight into how digital technologies can support sustainability, environmental governance, and energy system transformation.</p>	36	20

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<p>5. Web3 and the Paradigm Shift of the Creator Economy</p> <p>To examine how Web3 reshapes the creator economy by redefining ownership, value capture, distribution, and incentive mechanisms. Learners will critically assess the roles of NFTs, tokens, DAOs, and AI-enabled production models in transforming media industries, community governance, and collaborative content creation.</p>	36	20
<p>6. Digital-Intelligence Strategy, Organizational Transformation, and Enterprise Renewal</p> <p>To equip learners with strategic frameworks to lead enterprise-level digital-intelligence transformation. It focuses on organisational redesign, leadership adaptation, and long-term competitiveness in the Web3 era, guiding learners to move from technology implementation towards coherent strategic and organisational renewal.</p>	36	20
<p>7. Regulation, Compliance, and Risk Management</p> <p>To develop learners' capability to navigate regulatory, compliance, and risk challenges in digital-intelligence and Web3 environments. Learners will gain comparative insights into global regulatory frameworks, with particular emphasis on Singapore, Hong Kong, and major Western jurisdictions, enabling informed decision-making that balances innovation with institutional responsibility.</p>	36	20
<p>8. Cognitive Upgrade, Leadership Transformation, and Executive Growth in the Digital-Intelligence Era</p> <p>To support learners in advancing their cognitive frameworks and leadership capabilities for the digital-intelligence era. It focuses on leadership transformation, decision-making under complexity, and personal executive growth in Web3 and AI-enabled contexts, enabling learners to build future-ready personal and organisational competitiveness.</p>	36	20