APPROVED

Programme Code	HDFINTECH		Programme Duration	1

Programme Level	8		EQF Level	6		EHEA Level	First Cycle

Programme Credits	60

Semester Duration	1 Week(s)
Language of Instruction	English
Field of Study	0611 - Computer use
CAO Code; QQI Progamme Code etc	Code

Programme Outcomes
On successful completion of this programme the learner will be able to :

Description
An understanding of the theory, concepts and methods per- taining to a eld (or elds) of learning MIPLO-1: Apply and develop knowledge and understanding of ad- vanced concepts in the following areas: Governance and Regula- tion; e-Finance and Services: LO5 Data Governance and Cyber Secur- ity: LO1, LO2 e-Contracts and Payments: LO3 Data analysis and data visualisation; Business Data Analysis: LO1-5 Financial Data Analysis: LO1-4 Quantitative modelling; Financial Data Analysis: LO2, LO3 Cybersecurity and audit- ing; Data Governance and Cybersecur- ity: LO3, LO4 An introduction to Digitial Auditing and Forensics: LO1-3 Big data analytics; Financial Data Analysis LO1, LO4 High level as well as deep Financial Data Analysis skills; Business Data Analysis: LO4 Financial Data Analysis: LO2, LO4 Cryptocurrencies. e-Payments and Contracts: LO1-5
Learn to act in variable and un- familiar learning contexts; learn to manage learning tasks independently, professionally and ethically MIPLO-7: The learners will be able to apply appropriate independent learning strategies which meet the requirements of the rapidly changing FinTech industry e-Finance and Services: LO1 Business Data Analysis: LO2, LO5 e-Contracts and Payments: LO1, LO3 Financial Data Analysis: LO1 Contemporary Topics in FinTech Seminar: LO1, LO4 Project: LO3
Detailed knowledge and understanding in one or more spe- cialised areas, some of it at the current boundaries of the eld(s) MIPLO-2: The learner will be able to explain concepts and theories in the specialist areas of computing relating nan- cial technologies. e-Finance and Services: LO4 Data Governance and Cybersecur- ity: LO4 e-Contracts and Payments: LO2, LO3 Financial Data Analysis: LO1 Domain Skills in FinTech: LO2, LO3 An introduction to Digitial Forensics and Auditing: LO1 Contemporary Topics in FinTech Seminar: LO1 Project: LO4
Demonstrate mas- tery of a complex and specialised area of skills and tools; use and modify advanced skills and tools to con- duct closely guided research, profes- sional or advanced technical activity MIPLO-3: The learner will be able to research, model, design, implement and evaluate FinTech models, applications, approaches, and artefacts that demonstrate use of state of the art software, processes, methodologies and tools. e-Finance and Services: LO4 Business Data Analysis: LO3, LO5 Data Governance and Cybersecur- ity: LO5 e-Contracts and Payments: LO4, LO5 Financial Data Analysis: LO4 Domain Skills in FinTech: LO2 Contemporary Topics in FinTech Seminar: LO3 Project: LO3 Apply business and en- trepreneurial concepts to FinTech products and processes. e-Finance and Services: LO2 e-Contracts and Payments: LO1 Contemporary Topics Seminar: LO4
Exercise appro- priate judgement in a number of complex planning, design, technical and/or management functions related to products, services, operations or pro- cesses, including resourcing MIPLO-4: The learner will be able to ana- lytically identify, formu- late and manage technical solutions in the analysis, design, development and deployment of FinTech application e-Finance and Services: LO2, LO5 Business Data Analysis: LO4 e-Contracts and Payments: LO5 Financial Data Analysis: LO3 Contemporary Topics in FinTech Seminar: LO3, LO4 Project: LO1, LO5
Competence - Context Use advanced skills to conduct research, or advanced tech- nical or professional activity, accepting accountability for all related decision making; transfer and apply diagnostic and creative skills in a range of contexts MIPLO-5: The learner will be able to use ad- vanced skills to choose ap- propriate methods, tools, and technologies for the development of FinTech applications, services, and business cases. Business Data Analysis: LO2 e-Contracts and Payments: LO3, LO5 Financial Data Analysis: LO1 Domain Skills in FinTech: LO2 An Introduction to Digital Forensics and Auditing: LO3 Contemporary Topics in FinTech Seminar: LO2, LO4 Project: LO2, LO3 Apply best practice in developing FinTech solu- tions in a range of real world contexts. e-Finance and Services: LO1, LO5 Business Data Analysis: LO3 Data Governance and Cybersecur- ity: LO3, LO4 e-Contracts and Payments: LO4 Financial Data Analysis: LO1 Domain Skills in FinTech: LO1, LO2 An Introduction to Digital Forensics and Auditing: LO2 Project: LO3, LO4
Act effectively un- der guidance in a peer relation- ship with qualied practitioners; lead multiple, complex and heterogeneous groups MIPLO-6: The learner will acquire specialist FinTech skills to facilitate individual e-Finance and Services: LO4 Business Data Analysis: LO4 e-Contracts and Payments: LO1 Financial Data Analysis: LO3 Domain Skills in FinTech: LO3 Project: LO1-5 as well as collaborative work with supervisors and peers within an organisa- tion. Data Governance and Cybersecur- ity: LO2, LO5 e-Contracts and Payments: LO5 Financial Data Analysis: LO1, LO2, LO4 Contemporary Topics Seminar: LO1-5 Interact effectively with supervisors and peers within an organisation. Data Governance and Cybersecur- ity: LO2 e-Contracts and Payments: LO5 Contemporary Topics Seminar: LO1 Domain Skills: LO1-3
Learn to act in variable and un- familiar learning contexts; learn to manage learning tasks independently, professionally and ethically MIPLO-7: The learners will be able to apply appropriate independent learning strategies which meet the requirements of the rapidly changing FinTech industry e-Finance and Services: LO1 Business Data Analysis: LO2, LO5 e-Contracts and Payments: LO1, LO3 Financial Data Analysis: LO1 Contemporary Topics in FinTech Seminar: LO1, LO4 Project: LO3
Express a compre- hensive, internalised, personal world view manifesting solidar- ity with others MIPLO-8: The learners will be able to identify a global awareness of differ- ent perspectives, an ap- preciation of the com- plexities of business re- lationships and an abil- ity to apply best prac- tice in building trust, mo- tivation and collaborative work. Among diverse and multi-cultural groups. e-Finance and Services: LO4 Business Data Analysis: LO3, LO5 Data Governance and Cybersecur- ity: LO2, LO5 e-Contracts and Payments: LO4, LO5 Financial Data Analysis: LO1, LO2, LO4 Domain Skills in FinTech: LO2 Contemporary Topics in FinTech Seminar: LO1-5

Semester Schedules

Stage 1 / Semester 1

Core Subject	
Module Code	**Title**
H8BDANAL	Business Data Analysis

H8DGOV	Data Governance and Cybersecurity

H8DGOV	Data Governance and Cybersecurity

H8EFS	e-Finance and Services

Stage 1 / Semester 2

Core Subject	
Module Code	**Title**
H8FDA	Financial Data Analysis

Optional	
Module Code	**Title**
H8IDFA	An Introduction to Digital Forensics and Auditing

H8CNTOP	Contemporary Topics in FinTech Seminar

H8DSKFINT	Domain Skills in FinTech

H8ECNP	e-Contracts and Payments

Stage 1 / Semester 3

Core Subject	
Module Code	**Title**
H8DPR	Project