APPROVED

Programme Code	HDIFSA		Programme Duration	1

Programme Level	8		EQF Level	6		EHEA Level	First Cycle

Programme Credits	60

Semester Duration	0 Week(s)

Language of Instruction	English

CAO Code; QQI Progamme Code etc	Code

Programme Outcomes

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

Description
Utilise statistical analysis, modelling, data mining and machine learning tools and techniques to derive insight and value from data in a Financial Services context
Identify, effectively manage, query and process different types of data within a financial services organisation
Use analytical thinking techniques, communication, and interaction skills to support decision making and address business requirements
Effectively communicate the results of analysis to both technical and non-technical audiences in a professional setting
Critically and effectively analyse problems through both independent and collaborative efforts in order to develop solutions and provide information and insight to meet business requirements as part of a professional team
Analyse personal learning needs and identify ways in which to resolve those needs in an autonomous fashion, seeking the support of, and providing support to peers where appropriate
Debate matters in the core areas of Financial Services and associated specialisms (e.g., Data Analytics, FinTech) and the impact of global trends that are shaping the Financial Services industry

Semester Schedules

Stage 1 / Semester 1

Core Subject	
Module Code	**Title**
A8DP	Data Programming

A8WBL	Work Based Learning

Stage 1 / Semester 2

Core Subject	
Module Code	**Title**
A8FM1	Financial Markets I

Stage 1 / Semester 3

Core Subject	
Module Code	**Title**
A8BDA	Business Data Analysis

Stage 1 / Semester 4

Core Subject	
Module Code	**Title**
A8FM2	Financial Markets II

A8WBPROJ	Work Based Project

Stage 1 / Semester 5

Core Subject	
Module Code	**Title**
A8DM	Data Management

Stage 1 / Semester 6

Core Subject	
Module Code	**Title**
A8DMML	Data Mining & Machine Learning