H8DGOV: Data Governance and Cybersecurity

Module Code:	H8DGOV
Long Title	Data Governance and Cybersecurity DRAFT
Title	Data Governance and Cybersecurity
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	10
Module Coordinator:	Simon Caton
Module Author:	Maurice Keady
Departments:	School of Business
Specifications of the qualifications and experience required of staff	

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Illustrate the key data lifecycle stages and reliance on these for effective information governance in real-world settings.
LO2	Explain in detail a broad range of core policy and legal aspects in data governance and compliance for financial applications.
LO3	Describe the requirements to ensure confidentiality, integrity and availability of information and systems.
LO4	Debate the key concepts of risk management and information technology resilience.
LO5	Debate the key concepts of risk management and information technology resilience.

Dependencies
Module Recommendations
No recommendations listed
Co-requisite Modules
No Co-requisite modules listed
Entry requirements

H8DGOV: Data Governance and Cybersecurity

Module Content & Assessment

Indicative Content
Cybersecurity Concepts Protection of key assets including prioritization of people, processes and technology Key components of a cyber security programme
Data Lifecycle Management Key stages and components of Data Lifecycle Management Regulatory & Privacy Components (including Data Protection Act) Policies & Enforcement Data Classification Information Governance Reporting
Data Policy Irish and EU Dimensions
Legal Aspects Contract Law e-Commerce Law Data Protection Law Contemporary Legal Issues of Virtual Currencies, Blockchain, Financial Services and their Regulation (e.g. RegTech), FinTech Tax
Risk Assessment & Risk Management Key Risks Management Components (e.g., ability to assess and measure risks) Risk Mitigation Techniques (e.g., reduce / mitigate, transfer, accept, etc.) Cost Benefit Analysis
Threats to Information & Data Processing Services Understand the threat landscape Typical Attack Methods and Threat Actors / Vectors Impact of cyber-attacks and data breaches Executive interactions and reporting
Information Security and Risk Management Litigation and e-Discovery Cyber Risk management, cyber-criminal law Insurance and Cyber insurance Fraud detection

Assessment Breakdown	%
Coursework	100.00%

Assessments

Reassessment Requirement
Repeat examination *Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.*

H8DGOV: Data Governance and Cybersecurity

Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Part Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	36	36	Every Week	36.00
			Total Weekly Contact Hours	36.00

Module Resources

Recommended Book Resources

Kelleher, Denis.. (2015), Privacy and Data Protection Law in Ireland, Bloomsbury Professional, [ISBN: 1780432038].

Taylor, Kevin. FinTech Law: A Guide to Technology Law in the Financial Services Industry., Bloomberg BNA, [ISBN: 1617464392.].

Jason Andress. The Basics of Information Security, Syngress, p.208, [ISBN: 1597496537].

Supplementary Book Resources

Corey Schou, Steven Hernandez ; technical editors, Flemming Faber, Jill Slay.. Information assurance handbook, ; McGraw-Hill Education, [ISBN: 0071821651].

Sivon et al.. (2014), Understanding FINTECH and Banking Law: A Practical Guide., Legal Works, [ISBN: 0314633596].

Carstensen, Jared, Bernard Golden and JP Morgenthal. (2012), Cloud Computing - Assessing the Risks, IT Governance Publishing, [ISBN: 1849283591].

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note: