



# **Certified Digital Operational Resilience Act Professional**

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**(DORAP)**







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All content is correct at time of production (May 2024) but subject to change.  
Please visit our website for the very latest programme information - [www.pat.edu.eu](http://www.pat.edu.eu)

# Certified Digital Operational Resilience Act Professional



## Introduction



**The Digital Operational Resilience Act (Regulation (EU) 2022/2554)** solves an important problem in the EU financial regulation. Before DORA, financial institutions managed the main categories of operational risk mainly with the allocation of capital, but they did not manage all components of operational resilience.

After DORA, they must also follow rules for the protection, detection, containment, recovery, and repair capabilities against ICT-related incidents. DORA explicitly refers to ICT risk and sets rules on ICT risk-management, incident reporting, operational resilience testing and ICT third-party risk monitoring. This Regulation acknowledges that ICT incidents and a lack of operational resilience have the possibility to jeopardise the soundness of the entire financial system, even if there is "adequate" capital for the traditional risk categories.

## Programme Certification



The programme is validated by **Technological University Dublin**, ensuring it meets the highest academic and professional standards. Recognized EU wide, equipping professionals with credentials to advance in international finance and regulatory compliance roles.



DORA is a mandatory regulation which must be complied with but should be leveraged as an opportunity to significantly mature the information security and operational resilience of organisations. This Operational Resilience programme, aligned with the Digital Operational Resilience Act (DORA), is structured as a 10 ECTS Level 8 qualification designed for professionals in the financial sector.

Delivered in a blended format over 48 hours across 12 weeks, this programme aims to provide participants with a deep understanding of the regulatory requirements and business needs driving the focus on operational resilience. It prepares participants to identify critical compliance functions, develop effective operational programmes, and ensure seamless integration of legacy systems with modern resilience standards.



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## Target Learners



The target learners for the Operational Resilience programme aligned with the Digital Operational Resilience Act (DORA) would typically include:

- ✓ **Financial Sector Professionals:** Individuals working in various capacities within the financial services sector who are responsible for managing and implementing compliance and risk management programs. This includes roles such as compliance officers, risk managers, and IT security officers.
- ✓ **Regulatory Compliance Experts:** Professionals specializing in regulatory compliance who need to understand how DORA influences operational resilience requirements and practices across the financial industry.
- ✓ **IT and Cybersecurity Professionals:** IT staff and cybersecurity experts within financial institutions who are tasked with securing systems and ensuring that digital operations align with regulatory requirements and industry standards.
- ✓ **Operational Risk Managers:** Individuals responsible for overseeing operational risk within financial institutions, including the integration of risk management strategies that comply with DORA.
- ✓ **Senior Financial Executives:** C-suite executives, such as CIOs, COOs, and CFOs, who need to oversee the strategic implementation of resilience and compliance programs within their organizations.
- ✓ **Audit and Assurance Professionals:** Auditors and consultants who provide external or internal oversight and verification of operational resilience practices and compliance with regulations like DORA.
- ✓ **Project Managers and Change Leaders:** Those involved in leading transformation projects within financial institutions, especially projects that involve significant updates to systems, processes, or compliance measures.

This programme would be particularly beneficial for those looking to advance their career by gaining specialized knowledge in operational resilience, aiming to ensure their organizations are well-prepared to meet both current and future regulatory challenges. It's also suitable for newcomers to the field who are seeking a comprehensive understanding of the landscape of digital operational resilience in the financial sector.

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## Programme Learning Outcomes

*Upon completion, participants will be able to:*

- Understand and implement the key provisions of DORA.
- Establish enterprise risk management framework.
- Conduct thorough Business Impact Assessments for digital operations.
- Prioritize asset management to safeguard critical operational functions.
- Develop and apply comprehensive risk management strategies to bolster operational resilience.
- Evaluate and manage outsourcing risks and vendor dependencies effectively.
- Monitor and measure operational resilience using ISO 9001 standards and develop a foundation for ISO 27001 and ISO 22301 certification.
- Restore and manage legacy systems within modern digital infrastructures.
- Recognize and adapt to emerging trends in operational risk management.



## Programme Delivery:



**Total Duration: 48 hours (12 blocks @ 4 hours per block)**

Blended – a mixture of live-on-line tutorials, and asynchronous on demand content. The blended delivery modes can be bespoke to the preferred mode of the programme's delivery.

## Assessment:



The summative assessment (100% of the grade) will be a final 3-hour proctored examination.

The programme will include formative assessment (0% of the grade) comprising weekly quizzes, reading assignments, and interactive discussions to ensure an engaging and comprehensive learning experience.



## Entry Requirements:

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- A minimum Level 7 Ordinary Bachelor's Degree in a cognate area such as business, finance or technology.

**OR**

- A minimum Level 7 Ordinary Bachelor's Degree in a non-cognate accompanied by a minimum of three years' work experience in the financial services sector. Applicants who do not have a Level 7 qualification and who have at least 5 years' relevant work experience will be eligible to apply.

**OR**

- Applicants may also be considered with relevant professional work experience. These applications will be assessed on a case-by-case basis via our Relevant Professional Learning Procedure.

# Indicative Programme Syllabus

## BLOCK 1:

### Introduction to Digital Operational Regulatory Requirements (DORA)

- **Objective:** Gain an overview of DORA, its significance, and its implications for financial institutions.
- **Topics Covered:**
  - Introduction to DORA's scope and objectives.
  - Overview of the European financial regulatory landscape.
- **Relevant DORA Articles:** General introduction and scope (Art. 1-3).
- **Activities:** Lecture, discussion, and initial reading assignment on the regulatory text.

## BLOCK 2:

### Risk Management and Business Impact Assessments

- **Objective:** Understand how to conduct business impact assessments under DORA requirements.
- **Topics Covered:**
  - Detailed exploration of DORA requirements for business impact assessments.
  - Practical exercises in identifying critical functions and essential services.
- **Relevant DORA Articles:** Business continuity and disaster recovery (Art. 10-12).
- **Activities:** Case studies and interactive workshops.



# Indicative Programme Syllabus

## BLOCK 3:

### Asset Management (Prioritization)

- **Objective:** Learn the principles of asset prioritization and management in compliance with DORA.
- **Topics Covered:**
  - Techniques for asset inventory management and prioritization.
  - Impact of asset management on operational resilience.
- **Relevant DORA Articles:** Risk management provisions (Art. 4-9).
- **Activities:** Group breakout session on developing an asset management plan.

## BLOCK 4-5:

### Risk Management Strategies for Operational Resilience

- **Objective:** Develop comprehensive risk management strategies that align with DORA.
- **Topics Covered:**
  - Risk identification, assessment, and mitigation strategies.
  - Integration of risk management into the organizational culture.
- **Relevant DORA Articles:** ICT risk management requirements (Art. 4-9).
- **Activities:** Simulations and role-playing scenarios.

# Indicative Programme Syllabus

## BLOCK 6-7:

### Vendor Evaluation and Outsourcing Risk Management

- **Objective:** Master DORA's requirements for managing risks related to outsourcing and third-party vendors.
- **Topics Covered:**
  - Vendor evaluation processes.
  - Best practices in outsourcing risk management.
- **Relevant DORA Articles:** Oversight framework of ICT third-party providers (Art. 25-34).
- **Activities:** Workshop on vendor risk assessment tools.

## BLOCK 8:

### Monitoring & Metrics (ISO 9001)

- **Objective:** Apply ISO 9001 standards to operational resilience monitoring systems required by DORA.
- **Topics Covered:**
  - Aligning ISO 9001 with DORA's monitoring requirements.
  - Setting up and using metrics to monitor resilience.
- **Relevant DORA Articles:** Incident reporting (Art. 20-24).
- **Activities:** Live demo of monitoring systems and metrics setup.

# Indicative Programme Syllabus

## BLOCK 9:

### Restoring Legacy Environments

- **Objective:** Align legacy systems with modern digital operational resilience standards.
- **Topics Covered:**
  - Challenges and strategies for updating legacy systems.
  - Compliance implications for legacy infrastructures.
- **Relevant DORA Articles:** ICT-related incident management (Art. 20-24).
- **Activities:** Practical exercises on legacy system integration.

## BLOCK 10:

### Emerging Trends in Operational Risk Management

- **Objective:** Explore current and emerging trends affecting operational resilience.
- **Topics Covered:**
  - New technologies and their impacts on operational resilience.
  - Future challenges in operational risk management.
- **Relevant DORA Articles:** General framework for testing digital operational resilience (Art. 28-31).
- **Activities:** Guest lectures from industry experts, group discussions.



# Indicative Programme Syllabus

## BLOCK 11-12:

### Implementing and Managing Comprehensive Resilience Programs

- **Objective:** Learn to implement and manage a resilient operational programme across an organization.
- **Topics Covered:**
  - Strategies for programme implementation and management.
  - Ensuring alignment with DORA through continuous improvement and feedback.
- **Relevant DORA Articles:** Application of a holistic management approach as per DORA requirements (Art. 4-9, 20-24).
- **Activities:** Participants design, implement, and present an operational resilience program.

### **AML Intelligence Business School**

*Educating the risk and compliance professionals of tomorrow..*



# Indicative Programme Syllabus

## Examination

### *Full-Length Mock Examination – 3 hours*

- Learners will undertake a full-length mock examination

### *Review and Feedback on Mock Exam Performance*

- *Reviewing the mock examination*
- *Providing feedback to learners on their performance and areas of improvement*

### *Final Proctored Examination – 3 hours*

- *Grading the final examination*
- *Providing structured feedback to learners on their performance to help improve their professional competencies*

## Programme Fee

The programme fee is €2,750 per learner.

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## FIND OUT MORE

*\*For more details on the Certified Digital Operational Resilience Act Professional (DORAP) Programme visit our website: [www.pat.edu.eu](http://www.pat.edu.eu).*





**"Tell me and I forget.  
Teach me and I remember,  
But involve me - and I will learn."**

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Benjamin Franklin