The IRM is the leading professional body for Enterprise Risk Management (ERM). We drive excellence in managing risk to ensure organisations are ready for the opportunities and threats of the future. We do this by providing internationally recognised qualifications and training, publishing research and guidance, and setting professional standards.

For over 30 years our qualifications have been the global choice of qualification for risk professionals and their employers. We are a not-for-profit body, with members working in all industries, in all risk disciplines and in all sectors around the world.

Organisations that have previously benefited from our qualifications include:
“A combination of great risk management skills together with an up-to-date knowledge of the digital risk landscape should be an unbeatable combination for tomorrow’s risk management jobs.”

Carolyn Williams
Director of Corporate Relations, IRM
The IRM’s qualifications have been developed by internationally recognised academics and industry practitioners. They will provide you with the broad knowledge and the practical skills you need to manage risk.

Our qualifications give you the theory, tools and techniques to manage risk, maximise opportunities and protect your organisation. You can learn from anywhere in the world via supported distance learning, which includes directed self-study and online coaching.

Why study with the IRM?

As the world’s leading professional body for ERM we have a global reputation for offering highly practical, academically rigorous qualifications to meet industry needs.

We are responsive to the latest challenges facing risk managers, including growing cyber threats and international regulatory developments. This volatile environment has seen regulators, investors and businesses make increasing demands on organisations to demonstrate they have top-class risk management in place at an integrated, enterprise level. Our focus is therefore on the importance of strategy, culture, behaviour and competence in relation to risk and on concepts like risk appetite, risk maturity and decision making.
IRM Student Membership

Enrolling for a qualification means you join IRM and become part of our global community that covers 143 countries. You can also access a valuable range of benefits to support you through your risk management studies and beyond. These include our online resources, access to thought leadership, topical webinars and special interest groups in industries such as charities, cyber, health and care, innovation, infrastructure and operational risk.

Benefits to employers

An organisation that effectively and efficiently manages its risks and opportunities is more likely to achieve its business objectives at lower overall costs. Risk management is an inherent part of good management. By supporting your employees through our qualifications, you will benefit from:

- Enhancing business performance and improving risk decision making.
- Associating your organisation with best risk management practice.
- Attracting and retaining high-calibre professionals by investing in personal development.
- Developing a motivated, skilled and knowledgeable team.
- Receiving discounts on membership, qualifications, training and events.
The IRM Digital Risk Management Certificate is the essential qualification for tomorrow’s risk practitioner

New developments in digital technology offer organisations huge opportunities but also pose big strategic and operational risks. From retail, to music, to financial services, we have seen multiple high profile cases of strategic disruption of traditional markets by new ways of delivering products and services. And, at an operational level, we see organisations exposed to cyber-attacks, data breaches, internet enabled fraud and ransomware demands. Emerging technologies like blockchain, artificial intelligence, robotics and the Internet of Things (IoT) will pose further opportunities and challenges.

Everyone concerned with managing organisations should understand these developments and how to navigate the new risk landscape that they bring. IRM’s new qualification, developed in collaboration with the University of Warwick, will equip risk practitioners and other professionals with the knowledge and skills they need to face the new digital future with confidence.
Qualification Overview

The Digital Risk Management Certificate is a stand-alone qualification and can be completed in as little as six months. It is suitable as an introduction to the subject of digital risk management for those from all disciplines directly or indirectly related to professional risk management and is the ideal qualification for anyone looking to develop an understanding of risk management in the digital era.

Qualification aims

This qualification introduces the concepts of digital risk management and will equip risk practitioners with the ability to apply their skills in an increasingly fast-paced and changing digital world. It explains how new technologies and digitalisation are disrupting businesses, changing the risk environment for organisations of all types and posing new ethical challenges. It looks at how appropriate risk management tools and techniques can be applied, adapted and developed in this digital context. The qualification also provides a detailed introduction to cyber security principles and practices.
Qualification learning outcomes

After taking this qualification, individuals will be able to:

- Demonstrate a broad understanding of today’s most important digital technological developments
- Explain how digital technology and innovation is impacting organisations and society
- Contribute knowledgeably to identifying, assessing and controlling digital risks throughout their organisation and its wider supply chain, associated with new technologies and new ways of working
- Help their organisations apply concepts such as risk appetite, ethics and legal frameworks in the context of digital and technological innovation
- Describe the key cyber threats and the basic disciplines of cybersecurity
- Explain the key elements of a practical, risk-based cybersecurity framework and discuss ways of controlling risks and defence in depth
- Understand the key elements of practical cyber risk response, including the role of risk management systems, compliance and cyber defence frameworks
- Discuss governance, incident management and reporting and apply the principles of audit and assurance to digital risks
Entry requirements
There are no formal entry requirements for this qualification.

Level
The Certificate is set at an equivalent level of difficulty to an undergraduate degree.

Progression
The Digital Risk Management Certificate is a stand-alone qualification. Students wishing to progress to the International Diploma in Enterprise Risk Management should first enrol on the IRM International Certificate in Enterprise Risk Management.

How long does it take to complete?
Students enrolled on the Certificate can complete the qualification within 6-9 months. An indicative study time for the qualification is between 180 and 200 hours.

Assessment
The Certificate is assessed by a 90 minute computer-based multiple choice examination.

Examination sessions
There will be four examination sessions each year from 2020: March, June, September, and December.

Membership
Students on this qualification will benefit from IRM student membership while studying, including access to member groups, discounts and online resources. Successful students will be issued with a completion certificate and if not already an IRM member can apply to become an Affiliate Member of the Institute to continue their membership.
Unit 1: The Digital Revolution
An introduction to the digital world and today’s most important technological developments

Contents
1.1 Digital risk, digital technology and the “4th industrial revolution”
1.2 Increased digitisation: Physical and digital technologies
1.3 Moore’s Law
1.4 Digitisation, reproducibility and free content
1.5 FinTech, RegTech and Blockchain

Unit 2 Digital Disruption, Ethics and Risk Management
Explores the risks and opportunities associated with digital technology, the ethical implications of digital innovation and the general risk management standards and frameworks

Contents
2.1 Digital disruption, organisational and societal change
2.2 Digital disruption: Artificial Intelligence
2.3 Productivity gains from digital innovation
2.4 Ethics of digital innovation and globally relevant European regulations
2.5 Risk and general risk management principles and practices

Unit 3 Digitisation Risk and Cybersecurity Risk
Focuses on the two kinds of digital risk and the key cyber threats and basic disciplines of cybersecurity

Contents
3.1 Two kinds of digital risk
3.2 Cyber threats
3.3 Cyber risks from outsourced connections
3.4 Cybersecurity functions and roles
Unit 4 Digital Risk Management Approaches and Security
Discusses defence in depth and explains how security by design can identify, classify and protect valuable information assets

Contents
4.1 Protecting information assets
4.2 Cyber defence points and controls
4.3 Defence in depth
4.4 Human factors
4.5 Applying technical controls

Unit 5 Attacks, Defence and Risk-Based Digital Risk Management
Examines the motivations and capabilities of the threat actors fighting the cybersecurity cold war and explains how a risk management system can manage multiple digital risks, providing examples of the tools and techniques to achieve this

Contents
5.1 Attack and defence
5.2 Defence methods and frameworks
5.3 Threat actors
5.4 Digital risk management

Unit 6 Risk-Based Cybersecurity, Change Management Exposure and Response
Covers governance, incident management and reporting and how the techniques discussed in this course integrate and align with business objectives

Contents
6.1 Governance, business objectives and digital risk
6.2 Change management
6.3 Best practice approaches
6.4 Incident management and reporting
6.5 Future trends and emerging risks
Enrolling for the Digital Risk Management Certificate

The online application form available on our website must be completed and the appropriate fee paid to enrol as a student.

www.theirm.org/digitalrisk

Study support

Studying for a professional qualification can be challenging when balancing distance-learning study, work and family commitments. To make studies as straightforward as possible for students, we provide a comprehensive support package.

The online support area ‘The Study’ provides students with the essential resources and information to help plan their studies and prepare for the exam, including a detailed study guide, learning activities and interactive discussion forums.

Examination centres

Students take the exam on-screen at a Pearson VUE computer-based test centre. Pearson VUE has an extensive network of test centres across the world.

Confirmation of how to book a test centre and notification of the address will be sent to students after they enrol.
Examination policies

Students must attend the exam centre in person and provide proof of identity to take the exam.

Payment methods

Full details of payment methods can be found online. Payment can be made using:

- BACS / bank transfer
- Debit / credit card
- Cheque
- Invoices

All payments must be received before study materials can be accessed.

Group enrolments: Discounts are available for groups of employees enrolling from the same organisation for the same exam session. For further information please contact:

joanna.kraska@theirm.org

+44 (0)20 7709 4117
“A certificate in digital risk management would add immense value in exercising my duties as an independent non-executive director in view of the digital risks faced by organisations. I regard the qualification as enhancing the international certificate in enterprise risk management which I already hold in helping promote a risk culture and the benefits that accrue from enterprise risk management.”

Dr Jeya Wilson
Deputy Chair & Audit Committee
Adam Smith Advisory Group Ltd

“With digital now at the core of many financial companies there is a need to look at digital risk in detail. Although financial institutions have risk management frameworks in place these normally concentrate on the financial and operational risks. With this course I’m hoping to gain a comprehensive understanding of what digital risk is and how to incorporate that knowledge in a framework to manage it.”

Robert Ives
Head of IT, Cazenove Capital

“I have chosen this qualification to be on the cutting edge of digital technological developments. Traditional risk management skills are still necessary, but a background in digital technology and risk is of increasing importance. I believe this qualification will remarkably transform the risk function, ensure that I stay ahead of the competition and help me to add value to my organisation.”

Zhanar Tukeyeva
Chief Risk Officer
Insurance and financial services industry

View more testimonials at www.theirm.org/whatourstudentssay.
Risk Management Training

Industry-leading training courses delivered by risk experts for over 30 years

“IRM is not just a training institution, it’s a community that shares knowledge, experience and networking opportunities which has contributed to the furthering of my career.”

Richard Hawkins, CIRM
Business Analyst
Rimelo Consulting

Training courses include:

- Fundamentals of Risk Management (FoRM)
- Embedding Risk Management
- Managing Risks in the Digital World
- Choosing and Using Key Risk Indicators
- Risk Culture

We offer CPD and accreditation.

Email: training@theirm.org
Phone: +44 (0)20 7709 4117
or visit www.theirm.org/training