



SORINTEQ

POST GRADUATE DIPLOMA IN CYBER SECURITY & INTELLIGENCE

Year Two
of the
Sorinteq MSc Pathway

- ✓ 12 Month Programme
- ✓ Specialist Training for Law Enforcement
- ✓ All Training Equipment Provided
- ✓ In Association With the University of Buckingham

Contact Us

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🌐 Sorinteq Academy





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Overview of the Programme

The Pg Diploma [PgDip] in Cyber Security & Intelligence forms Year Two of Sorinteq's MSc pathway and is designed for students who have successfully completed a Year One specialist pathway and achieved a Postgraduate Certificate [PgCert].

Year Two moves learners from vocational capability into advanced academic and operational specialisation. Students are given the unique opportunity to design an academic learning pathway that best suits their current role, future ambitions, and operational requirements.

As the MSc is a research-led degree, the PgDip year focuses heavily on the development of specialist expertise and the preparation for Year Three dissertation-level research. Learners will begin to shape original research within their chosen field, developing both advanced professional knowledge and leading-edge operational understanding.

The programme begins with a shared foundation module in Introduction to Academic Study, ensuring all learners are fully prepared for postgraduate-level study regardless of previous academic experience.

Following completion of Module One, students select one of four advanced specialist pathways aligned to their operational focus:

- Pathway One – Artificial Intelligence & Cyber Reconnaissance
- Pathway Two – Human Intelligence Techniques in Advanced Cyber Operations
- Pathway Three – Digital Media Investigations
- Pathway Four – Technical Equipment Interference Operations

The PgDip culminates in the submission of a substantial research planning paper that must successfully pass the University Ethics Panel and form the foundation of the student's Year Three MSc research project.





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Programme Structure

The PgDip is delivered across 12 months and consists of:

Core Foundation Module

Module One – Introduction to Academic Study

A shared module for all learners designed to prepare students for advanced postgraduate research and academic writing.

Including:

- Academic writing skills
- Critical analysis and evaluation
- Research planning
- Literature review methodology
- Referencing and academic standards
- Developing professional research questions
- Ethics and research governance

This module ensures all learners are prepared for successful postgraduate study regardless of previous academic experience.

Specialist Elective Pathway

Students then select one of four advanced pathways to specialise their academic and operational development.

Each pathway consists of:

Three Modules

Each delivered through:

- 2-Day Classroom-Based Specialist Teaching
- Significant written academic assessment
- Practical operational support from Sorinteq subject matter experts

Who is the Programme For?

This programme is designed for professionals who have successfully completed a Year One Sorinteq PgCert pathway and wish to continue into specialist postgraduate development, including:

- Government investigators and intelligence officers
- Law enforcement cyber specialists
- Corporate intelligence professionals
- Cybercrime investigators
- Technical Equipment Interference practitioners
- Digital forensic specialists
- HUMINT and covert online investigators
- Protective intelligence and advanced research professionals

This is a programme for learners seeking to move beyond operational competence and into specialist academic and strategic expertise.





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Selective Pathway Options

Pathway One – Artificial Intelligence & Cyber Reconnaissance

Module One – AI in Cyber Operations

2-Day Classroom Course

Exploring the operational application of Artificial Intelligence within cyber investigations and intelligence gathering.

Written Element

7,500-word paper

Topic:

How AI can assist or develop current cyber operations

Module Two – Advanced Cyber Recon Techniques

2-Day Classroom Course

Advanced technical reconnaissance methods and operational cyber investigation techniques.

Written Element

7,500-word paper

Topic:

How AI can implement and support advanced cyber reconnaissance techniques

Module Three – Research Methodology

2-Day Classroom Module

Preparing formal research design and methodology for Year Three MSc progression.

Written Element

7,500-word paper

Topic:

Planned research related to AI and advanced reconnaissance in cyber operations

This paper must pass the University Ethics Panel.





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Selective Pathway Options

Pathway Two – Human Intelligence Techniques in Advanced Cyber Operations

Module One – Intermediate HUMINT in Cyber Operations

2-Day Classroom Course

Developing advanced digital HUMINT capability and covert online engagement strategies.

Written Element

5,000-word paper

Topic:

How HUMINT tactics can be utilised in cyber operations

Module Two – HUMINT Delivered Technical Attack

2-Day Classroom Course

Use of technical delivery mechanisms and controlled technical interaction to support intelligence development.

Written Element

7,500-word paper

Topic:

The creation and use of HUMINT-delivered technical attack techniques in cyber operations

Module Three – Research Methodology

2-Day Classroom Module

Research planning and formal academic preparation.

Written Element

7,500-word paper

Topic:

Planned research related to Digital HUMINT in cyber operations
This paper must pass the University Ethics Panel.





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Selective Pathway Options

Pathway Three – Digital Media Investigations

Module One – Advanced Digital Media Investigations

2-Day Classroom Course

Advanced techniques for complex digital media investigations and attribution.

Written Element

7,500-word paper

Topic:

The use of digital media investigative techniques to support cyber operations

Module Two – Development of Tools for Digital Media Investigations

2-Day Classroom Course

Practical use and development of technical tools supporting digital media investigations.

Written Element

7,500-word paper

Topic:

The use or development of Digital Media investigative tools

Module Three – Research Methodology

2-Day Classroom Module

Formal research planning and academic preparation.

Written Element

7,500-word paper

Topic:

Planned research related to Digital Media investigations
This paper must pass the University Ethics Panel.





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Selective Pathway Options

Pathway Four – Technical Equipment Interference Operations

Module One – Advanced Network Exploitation

2-Day Classroom Course

Advanced operational network exploitation techniques supporting covert investigations.

Written Element

7,500-word paper

Topic:

The use of network exploitation techniques to support cyber operations

Module Two – Development of Tools for Network Exploitation

2-Day Classroom Course

Tool development and operational deployment in Technical Equipment Interference environments.

Written Element

7,500-word paper

Topic:

The use or development of network exploitation tools

Module Three – Research Methodology

2-Day Classroom Module

Research design and formal progression preparation.

Written Element

7,500-word paper

Topic:

Planned research related to network exploitation activity

This paper must pass the University Ethics Panel.





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Academic Support & Mentoring

As this remains the vocational element of the MSc programme, students benefit from direct access to Sorinteq subject matter experts throughout the year.

Learners receive support in:

- Identifying strong research areas
- Developing operationally relevant academic topics
- Building defensible research methodology
- Preparing Ethics Panel submissions
- Aligning academic outputs with real-world operational requirements

This creates a unique bridge between academic excellence and professional operational capability.

The Outcome

Successful learners will progress into Year Three MSc research with:

- A fully developed specialist research pathway
- Ethics-approved dissertation planning
- Advanced subject-matter expertise
- Strong postgraduate academic capability
- Enhanced operational credibility
- Clear progression toward full MSc completion

From Operator to Specialist

Year One builds competence.

Year Two builds authority.

Year Three builds expertise.

Your MSc journey starts here.





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Aims and Objectives of the Course

By the end of the PgDip, learners will be able to:

- Develop advanced expertise in a chosen specialist field
- Conduct postgraduate-level academic research and critical analysis
- Build research methodology suitable for MSc dissertation study
- Produce professionally defensible academic and operational outputs
- Identify and develop original research questions relevant to operational practice
- Engage with ethical, legal, and professional governance requirements
- Prepare and defend a formal research proposal before academic ethics review
- Build leading-edge knowledge that enhances both professional credibility and operational capability

Why Choose Sorinteq

Sorinteq delivers university-accredited, practitioner-led education trusted by Government and commercial organisations worldwide.

Our PgDip pathways are designed for professionals who want more than qualifications—they want genuine subject-matter expertise that strengthens operational capability and positions them as leaders within their specialist field.

Year Two is where operational competence becomes specialist authority.

Students undertaking courses provided by Sorinteq may earn credits towards formal academic qualifications such as Post Graduate Certificate, Diploma or MSc at the university of Buckingham.

For further enquiries please email info@sorinteq.com or call Sorinteq on +44 (0)333 0063248.

Sorinteq provide all necessary training equipment including laptop computers, internet connectivity, mobile devices and training material.

