



BSc (Hons) Computer Science (Cyber Security)

(N/0613/6/0002)(04/2027)(MQA/PA15604)

About BSc (Hons) Computer Science (Cyber Security)

If you're passionate about protecting individuals and organisations from cyber threats, this is the perfect field for you! Cybersecurity involves safeguarding systems, networks, and data through practices and technologies that ensure the confidentiality, integrity, and availability of information.

— Study Mode / Duration

Full-time (3.3 years)

— Delivery Location

The Ship Campus, Penang

— Intakes

June, September

— Fee

— Entry Requirements*

- Foundation studies min. CGPA 2.00 and credit in Add Maths at SPM level
- STPM (Science Stream) pass with a minimum Grade of C (GP 2.00) in Mathematics subject and ONE (1) Science / ICT subject
- STPM (Arts Stream) pass with C (CGPA 2.0) in any 2 subjects and credit in Add Maths at SPM level.
- A-Levels BCC (UCAS Tariff 104-120)
- UEC pass with B6 in 5 Subjects incl. Add Maths & Pass in English and equivalent qualification
- Diploma in Computing fields or its equivalent with a minimum CGPA of 2.50.
- Any Diploma in Science and Technology with a minimum CGPA of 2.75, and Add Maths at SPM level.
- Additional English Requirements, CEFR – B2 / GCE-0 1119 – C / MUET Band 4 / IELTS 6.0

— Career Prospects

- Data Engineer
- Web Developer
- Malware Analyst
- Security Architect
- Cybersecurity Engineer
- Embedded System Engineer

— Programme Highlights

- 3+0 Degree in Collaboration with University of Plymouth



Programme Structure

Year 1

- Software Engineering 1
- Computer Systems
- Computing Practice 1
- Cyber Security & Networks
- Algorithms, Data Structures & Mathematics
- Computing Practice 2

Year 2

- Software Engineering 2
- Information Management & Retrieval
- Computing Group Project 1
- Artificial Intelligence
- Security Architectures & Cryptography
- Computing Group Project 2

Year 3

- Information Security Management and Governance
- Security Operations and Incident Management
- Computing Project
- Ethical Hacking
- Digital Forensics and Malware Analysis
- Industrial Training

Compulsory Subjects

- Penghayatan Etika dan Peradaban / Bahasa Melayu Komunikasi 2*
- Creative Problem Solving / Bahasa Kebangsaan A**
- Philosophy and Current Issues
- Integrity and Anti-corruption / Sustainability Awareness in Malaysia



Community Service 2

Changes to the programme structure are at Peninsula College Georgetown's discretion as approved by MQA

** for international students only.*

*** for individuals who did not meet the minimum grade C in their SPM results or hold equivalent qualifications from other examinations.*



Download Course Guide

Peninsula College Georgetown DK266-03(P)

The Ship Campus, Penang

+6012-5650051

Peninsula College Shah Alam DK056(B)

The Lighthouse Campus, Shah Alam

+6016-2151303

The City Campus, Klang

+6016-2151303

enquiry@peninsulacollege.edu.my

Our Campuses

The Ship Campus, Penang



The Lighthouse Campus, Shah Alam

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