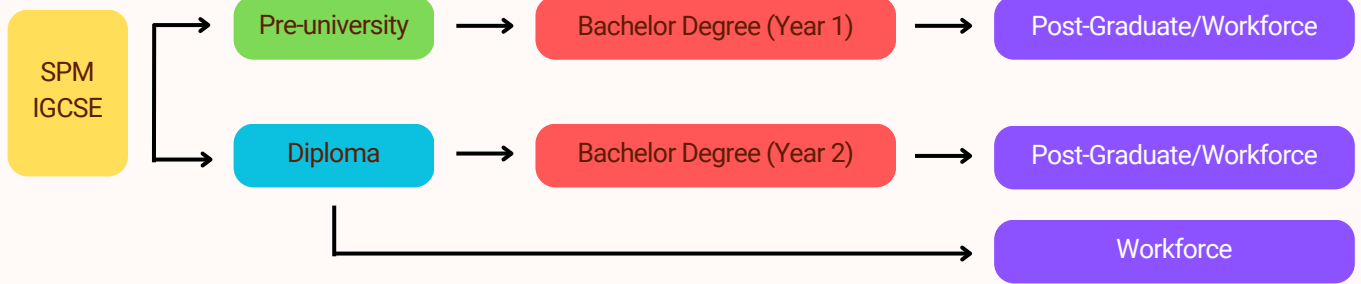
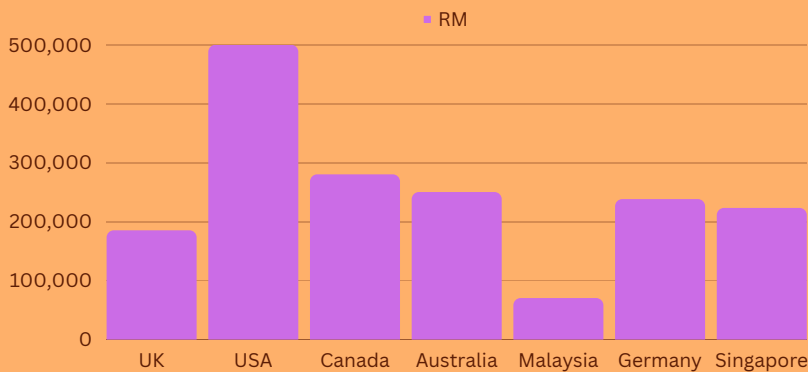


STUDY COMPUTER SCIENCE

Pathways



Median Salaries of Software Engineer Per Year



Career Prospects

- Software Developer / Programmer
- IT System Engineer
- Mobile Application Developer
- Software QA Analyst
- Information Security Analyst
- Network Architect
- UI / UX Designer
- Software Tester
- Web Developer

General Entry Requirements

- **A-Level:** Minimum EE/equivalent of 80 points
- **Ausmat/SACEi:** Minimum ATAR 55
- **CIMP:** Minimum average of 50% in any 6 subjects
- **Foundation/Matriculation:** Pass with CGPA of 2.00
- **International Baccalaureate (IB):** Minimum 24 points in 6 subjects
- **UEC:** Pass with 5Bs in including Mathematics/Advanced Mathematics/Adv. Mathematics 1 or 2
- **STPM:** Minimum 2Cs with minimum CGPA of 2.00
- **Diploma:** Minimum CGPA of 2.50

Note: No Pre-requisite subjects required

Skills & Attributes

- Analytical skills
- Numerical skills
- Technology knowledge
- Attention to detail
- Time management
- Problem solving ability
- Project management skills

Study CS in Malaysia

- University of Nottingham
- University of Southampton Malaysia
- Curtin University
- Asia Pacific University (APU)
- Monash University

Study CS Overseas

- Newcastle University (UK)
- University of Liverpool (UK)
- University of Sheffield (UK)
- Cardiff University (UK)
- University of Auckland (NZ)
- Victoria University of Wellington (NZ)
- Massey University (NZ)
- Stanford University (USA)
- UC Berkeley (USA)
- PSB Academy (Singapore)

Study Options in Malaysia

University of Nottingham

Foundation in Engineering RM30,000

- 5 Bs including additional mathematics, mathematics and physics, excluding moral studies and religious studies.

Bachelor Degree - 3 years

Approximately RM126,000

- BSc (Hons) Computer Science
- BSc (Hons) Computer Science with Artificial Intelligence
- BSc (Hons) Software Engineering

University of Nottingham, UK is ranked 14th for Computer Science in the UK in the Complete University Guide 2023

Curtin University

Foundation Studies – Engineering and Science Stream RM17,100

Diploma of Information Technology - 2 years, RM36,000

- 3 credits including Math and English in SPM/ IGCSE

Bachelor of Computing (Software Engineering) - 3 years

Bachelor of Computing (Cyber Security) - 3 years

- Australian Computer Society
- Approximately RM87,000

Bachelor of Technology (Computer Systems and Networking)

- 3 years, RM67,000

Asia Pacific University

Foundation Programme RM26,000

- 5 Credits in at least 5 subjects at SPM level including Mathematics with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 5 Credits (Grade C & above) in at least 5 subjects at IGCSE/O-Levels including Mathematics;

Diploma - 2+years, RM45,000

- Pass with 3 credits including Mathematics in SPM / IGCSE

Diploma in Information and Communication Technology

Diploma in Information and Communication Technology with a specialism in Software Engineering

Diploma in Information and Communication Technology with a specialism in Data Informatics

Diploma in Information and Communication Technology with a specialism in Interactive Technology

Bachelor Degree - 3 years, Approximately RM93,000

- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology with a specialism in Information System Security
- BSc (Hons) in Information Technology with a specialism in Cloud Engineering
- BSc (Hons) in Information Technology with a specialism in Mobile Technology
- BSc (Hons) in Information Technology with a specialism in Internet of Things (IoT)
- BSc (Hons) in Information Technology with a specialism in Digital Transformation
- BSc (Hons) in Information Technology with a specialism in Financial Technology (FinTech)
- BSc (Hons) in Information Technology with a specialism in Business Information Systems
- BSc (Hons) in Software Engineering
- BSc (Hons) in Computer Science
- BSc (Hons) in Computer Science with a specialism in Data Analytics
- BSc (Hons) In Computer Science with a specialism in Digital Forensics
- BSc (Hons) in Computer Science (Cyber Security)
- Bachelor of Computer Science (Hons) (Intelligent Systems)

University of Southampton

Computer Science Foundation Year RM30,000

- SPM 5 A grades in the science stream, including Mathematics and Physics with minimum B+ in Additional Mathematics
- IGCSE 5 A grades in the science stream, including Mathematics and Physics

Bachelor of Science in Computer Science -3 years

Approximately RM123,000

- University of Southampton, UK is ranked 11th for Computer Science in the UK in the Complete University Guide 2023

Monash University

Monash University Foundation Year - 1 year

Bachelor of Computer Science- 3 years, RM129,000

Bachelor of Computer Science in Data Science - 3 years, RM129,000

Bachelor of Computer Science (Hons) - 1 year, RM42,500

Bachelor of Software Engineering - 4 years, RM202,000

Bachelor of Business and Commerce and Bachelor of Computer Science - 4 years, RM172,000

Study Options in Malaysia

Taylor's University

Foundation in Computing RM28,000

- Pass SPM / O-Level with 5 credits (including Additional Mathematics) for entry with Foundation
- Pass SPM / O-Level with 3 credits (including Additional Mathematics) for entry with Diploma

Diploma in Information Technology - 2 year, RM54,000

- Pass with minimum of 3 credits including Mathematics / Additional Mathematics in SPM/ O-Level
- 12 weeks industrial training

Bachelor of Computer Science Honours - 3 years
RM107,000

- Dual award with University of the West of England, UK
- Option 1: Data Science (Dual Award)
- Option 2: Cyber Security (Dual Award)
- Option 3: Mobile Computing (Dual Award)
- Option 4: Artificial Intelligence (Dual Award)

Bachelor of Software Engineering Honours - 3 years
RM107,000

- Dual award with University of the West of England, UK

Bachelor of Information Technology Honours - 3 years
RM107,000

- Option 1: Internet Technologies (Dual Award)
- Option 2: Business Intelligence and Analytics (Dual Award)
- Option 3: Game Design (Dual Award)

Transfer options to Australia:

- University of Queensland
- University of Western Australia
- Queensland University of Technology
- University of South Australia
- University Technology Sydney

Transfer options to the UK:

- University of Birmingham
- University of Essex
- University of Leeds
- University of Dundee

UOW Malaysia KDU

Foundation Programme

- 5Cs including Maths and 2 Sciences

Bachelor of Computer Science (Hons) - 3 years, RM77,000

- Dual award with University of Wollongong Australia
- Computer Security or Data Science specialisation

Bachelor of Software Engineering (Hons)

Transfer options: University of Wollongong, Australia

5 semesters in Malaysia, 1.5 years in Australia

- Bachelor of Computer Science (Cyber Security)
- Bachelor of Computer Science (Digital Systems Security)
- Bachelor of Computer Science (Big Data)

Study Options in Korea

Sejong University, Seoul, South Korea

Bachelor Degree in Computer Engineering - 4 years

- Completion of SPM / IGCSE
- IELTS / TOEFL
- English-track degree
- 130 credit hours

Study Options in Singapore

PSB Academy

Certificate in InfoComm Technology- 6 months, SGD4,700

- E-learning option SGD1,800
- EC-Council Academia Partner of The Year 2022 in APAC

Diploma in InfoComm Technology - 9 months, SGD11,700

Bachelor of Engineering Honours in Robotics and Artificial Intelligence - 16 to 24 months, SGD22,500 / SGD34,000

- Award by University of Hertfordshire, UK

Bachelor of Science with Honours in Computing Science - 16 to 24 months, SGD26,00 / SGD39,000

- Award by Coventry University, UK

Bachelor of Information Technology - 28 months, SGD31,000 - 47,000

- Awarded by University of Newcastle, Australia

Bachelor of Science with Honours in Cybersecurity - 16 to 24 months, SGD26,000 to 39,000

- Award by Coventry University, UK

Curtin University, Singapore

Diploma of Information Technology - 16 months, SGD32,000

Bachelor of Computing (Cyber Security) - 2 years, SGD51,000

Bachelor of Information Technology - 2 years, SGD51,000

Bachelor of Data Science - 2 years, SGD51,000