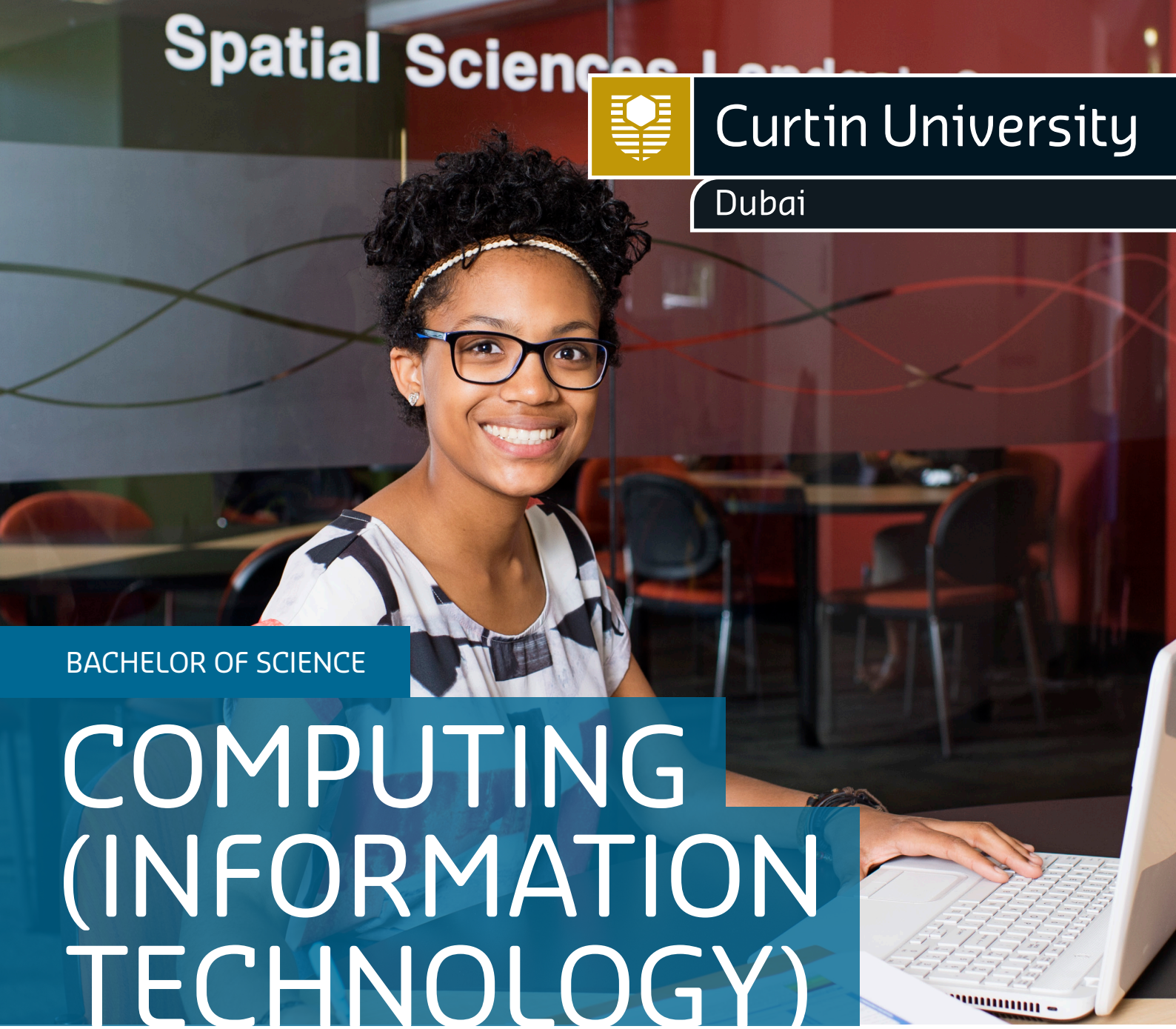

Curtin University

Dubai

BACHELOR OF SCIENCE

COMPUTING (INFORMATION TECHNOLOGY)

Computer scientists, software engineers, programmers and other computing professionals are experts on how technology works and how computing can address even the most complicated and intricate problems.

This course will provide you with the skills and knowledge you need for a successful career in the rapidly evolving information and communications technology industry. In your first year, you will develop your programming skills and study the fundamental theoretical knowledge of computing. Topics covered will include C++, Java, Linux and object oriented programming.

From your second year, you will specialise in the Information Technology stream. In this stream you will learn the technological and applied aspects of computing, with less emphasis on theory.

You will study system programming, software design and engineering, networking (including the internet and the web), artificial intelligence for decision support and graphics.

ABOUT CURTIN UNIVERSITY

Curtin University is an innovative, global university, with campuses in Australia, Dubai, Singapore and Malaysia. We are known for our high-impact research, strong industry partnerships and commitment to preparing students for the jobs of the future.

Curtin is ranked in the top one per cent of universities worldwide in the Academic Ranking of World Universities 2017. We are also placed 22nd in the world for universities under 50 years of age in the QS Top 50 Under 50 2017–2018 Rankings, and have been awarded 5 stars for excellence in the QS Stars University Ratings for 2017.

COURSE ESSENTIALS

BACHELOR OF SCIENCE (COMPUTING) – INFORMATION TECHNOLOGY	
Course prerequisites	Mathematics is essential and calculus is desirable
Indicative cut-off scores	GCE A-Levels: 5 points (best of 3 subjects) | IB: 24 points | India: CBSE/ICSE- 60% | Pakistan: 75%
English language requirements	IELTS overall band score of 6.5 with a minimum of 6.0 in each band, or equivalent
Duration	3 years full-time
Intake	January and September
Total tuition*	AED 162,000 or USD 44,385

**All fees indicated are subject to 5% UAE VAT.*

COURSE STRUCTURE

YEAR 1 TEACHING PERIOD 1	YEAR 1 TEACHING PERIOD 2
Introduction to Software Engineering	Unix and C Programming
Object Oriented Program Design	Data Structures and Algorithms
Science Communications	Database Systems
Statistical Data Analysis	Foundations of Computer Science
Linear Algebra 1	
YEAR 2 TEACHING PERIOD 1	**YEAR 2 TEACHING PERIOD 2**
Operating Systems	1 Elective Unit
Computer Communications	Computing Topics
Unix Systems Programming	Computer Graphics
Object Oriented Software Engineering	1 Elective Unit
YEAR 3 TEACHING PERIOD 1	**YEAR 3 TEACHING PERIOD 2**
Human Computer Interface	Networking Systems Design
Capstone Computing Project 1	Capstone Computing Project 2
Fundamental Concepts of Data Security	Advanced Computer Communications
Distributed Computing	1 Elective Unit

Career Opportunities:

This course can help you become a/an:

- IT analyst
- Programmer
- IT support
- Algorithm designer
- Software developer
- Cyber security
- Web applications developer

CONTACT US:

CURTIN UNIVERSITY DUBAI

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