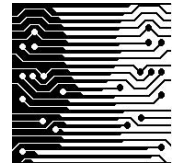


Department of Computer Science



Do Computer Science with

- Computer Engineering
- Computer Games Design
- Business Computing
- Psychology
- and other possibilities

Course Content

First Year

- Python Programming
- Java Programming
- Professional Issues

Second Year

- Data Structures & C++
- Databases
- Software Engineering
- HCI
- Hardware Design

Third Year

- Operating Systems
- Networks
- Advanced Programming
- Compilers & Algorithms

Why Study @ UCT

- Best university in Africa
- Our degree accredited with British Computer Society
- Degree follows ACM, BCS and IEEE standards
- Department has won its division in international programming competitions
- Beautiful campus

Why Study Computer Science

- Global shortage of IT professionals
- South Africa faces shortfall of 20 000 IT professionals
- Ideal to combine with other subjects
- Innovative subject that changes constantly
- Skill set is internationally transferable



Research Areas

- Networks
- Cluster Computing
- Digital Libraries
- Computer Games
- Sensor Networks
- Computer Graphics
- ICT4D
- Mobile Devices

How Do I Gain Admission?

NSC Rating	NSC %	UCT Points
7	90 – 100%	8
7	80 – 89%	7
6	70 – 79%	6
5	60 – 69%	5
4	50 – 59%	4
3	40 – 49%	3
2	30 – 39%	2
1	0 – 29%	1

- Matric points are the primary guide for admission.
- From the table on the left, **convert** your **NSC points** into **UCT points**.
- You need **at least a 6 for Maths**
- Total all your grades as in the example on the right.
- If you have **34 points** you will be **considered for entry**.
- If you have **36 points** or more you will most likely **be accepted**.
- If you have **less than 34 points** you may be eligible for the **General Entry Programme**.

Example

Subject	UCT Points
English	7
Afrikaans	6
Geography	5
Maths	6
Phys. Sci.	7
History	5
Total =	36