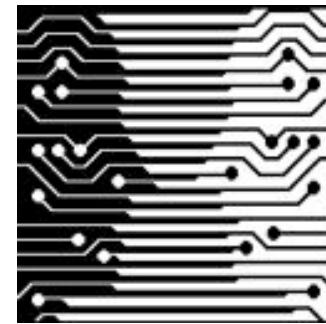


Department of Computer Science



Typical Degree Programmes

- Computer Engineering
- Computer Games Design
- Business Computing
- Applied Computing
- Bioinformatics
- Geoinformatics
- Applied Computing

Course Content

First Year

- Java programming
- Computer architecture

Second Year

- Data structures and C++
- Databases
- Software Engineering
- HCI

Third Year

- Operating Systems
- Networks
- Advanced programming

Why Study @ UCT

- Best university in Africa
- Our degree accredited with British Computer Society
- Excellent facilities
- Degree follows ACM 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
- Mobile Devices
- Computer Games
- Sensor Networks
- Computer Graphics
- ICT4D

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**
- **Double** your **Maths** grade and your **highest science** grade
- Total all your grades as in the table on the right
- If you have **43 points** you will be **considered for entry**
- If you have **45 points** or more you will most likely **be accepted**
- If you have **less than 43 points** you may be eligible for the **General Entry Programme**

Subject	UCT Points	Scaling
English	7	7
Afrikaans	6	6
Geography	5	5
Maths	6	6x2=12
Phys. Sci.	7	7x2=14
History	5	5
Total =	36	49

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