



UNIVERSITY OF ZULULAND

# Department of Computer Science



[www.science.unizulu.ac.za/cs](http://www.science.unizulu.ac.za/cs)



## Introduction

The Department of Computer Science was initiated in 1999 and is known for its Programming and Software Engineering focus in its undergraduate offerings.

We host a Telkom Centre of Excellence where research is conducted in the fields of Mobile Computing, Cloud Computing and Wireless Ad hoc Networks. Our research centre was formed in 2004 with the following Sponsors and Partners



## Mission and Vision

### Purpose statement:

'Empowered educational transformative agents inspiring students to realise their potential through innovation'.

### Our vision:

To see our students realise their potential through innovation

### Our mission:

To offer inclusive computing education exposing our students to sound theoretical and industry-certified comprehensive learning

## Offering

We offer 6 double-major BSc programmes with our partner departments.

- Computer Science with Applied Mathematics
- Computer Science with Mathematics
- Computer Science with Statistics
- Computer Science with Physics
- Computer Science with Chemistry
- Computer Science with Hydrology

- BSc Computer Science (Hons)
- MSc (Computer Science)
- Ph.D in Computer Science

## Highlights



Meet UNIZULU's very own young inventors  
Improved attendance Management System by Sandile Nkomo, Trash Management System by Nthlile Masango and Smart Parking by Misenhle Nkosi



Advanced automation systems to provide inhabitants with sophisticated monitoring and control over the building's functions. by Xoliswa Ngcobo



2014: SATNAC, Port Elizabeth



2017: our academic graduate for a PhD



Vodacom Developer Programme 2013  
The aim of the workshop is to educate and empower students with the relevant skills and expertise required to develop quality android applications. The students were taken through twitter API, user experience, design patterns, and code optimisation.



SmartDrive App Project (2nd years project)  
A mobile application to prevent distracted driving by automatically disabling mobile use when driving is detected



DEPARTMENT OF COMPUTER SCIENCE  
Bienvenue - Welcome à Villefranche-Saint



2014: Research centre year end function



Web 2.0 Workshop 2013  
CTA in partnership Department of computer Science offered Web 2.0 & social media for development learning opportunity for surrounding community.



Dept. of Computer Science received a number of awards from university for it's exhibition stands during annual trade fair 2014.



2009: Research centre year end function



2010: Wireless Mesh Network (WMN) research cluster team demonstration network test bed monitoring tool

## Alumni Workplaces

