IIE Bachelor of Computer and Information Sciences Honours

School of
Computer Science

The IIE Bachelor of Computer and Information Sciences Honours will provide candidates with advanced theories and knowledge in key disciplines of Computer and Information Systems. These key disciplines inform the professional practice of Information Technology (IT). Graduates will be equipped with research skills which will form the foundation of further postgraduate studies.

The design for this Honours degree has been informed by issues affecting enterprises and future technologies. This Honours degree will also develop graduates' abilities to understand the role IT plays in the information systems and applications in a business environment.

| DEGREE | CONTACT | FULL-TIME |

Career Opportunities

This degree will open up an attractive range of career options based on the specialisation that students previously acquired through their bachelor's degree and the research area chosen for this study.

Depending on the focus area chosen by the student career opportunities for graduates include:

- Application developers or Programmers
- Software Engineers
- Software developers
- Web developers
- Systems administrators
- Network engineers
- Solutions architects
- IS Consultant

Curriculum

Semester 1				Semester 2			
Code	**Module Name**	**Credits**	**NQF**	**Code**	**Module Name**	**Credits**	**NQF**
ADTO8411	Advanced Topics in IS Research	20	8	Choose 2 elective modules below**			
ICTD8411	ICT for Development	20	8	EMTE8412	Emerging Technologies	20	8
				UIDU8412	User Interface Design and Usability	20	8
				AINT8412	Artificial Intelligence	20	8
Year module							
REIT8419	Research for ICT					40	8

**Please note that not all elective modules might be offered at the campus that you would like to register at, please enquire with the Student Advisor on which modules will be available.

Admission Requirements

Minimum Admission Requirements
An appropriate Bachelor's Degree with an average of 60% in the final year; **OR** An appropriate Advanced Diploma with an average of 60% in the final year, provided that a 360 credit Diploma or appropriate equivalent has been completed.

International	A SAQA Evaluation Certificate with NQF L7 equivalence in an appropriate field.
Notes	Candidates must have modules in IT disciplines at NQF Level 7 and must have completed a foundation research module at the undergraduate level, preferably at NQF Level 7. Those who have not completed a foundation research module at undergraduate level will be required to do The IIE Introduction to Research SLP and need to be able to demonstrate an understanding of basic research before they can commence with their research report. Candidates are required to have achieved a minimum final year average of 60% in their third year (NQF L7) modules. Those with a final year average of 55 - 59% will be admitted if they attained an average of 60% or higher for the designated cognate/core discipline module at final-year (NQF L7) level.
Additional Notes	Graduates of The IIE who do not meet the admissions requirements for admission to Honours can enrol for and repeat all or some of their NQF Level 7 modules in order to improve their marks so that they can meet the entry requirements for Honours. These graduate students will then receive an additional transcript after the completion of the repeat module(s), where the repeat module(s) will appear as a second iteration of the module(s) on the transcript. The marks from the second iteration can then be used for admission to Honours in the subsequent academic year. This option is only available to graduates from The IIE and does not apply to graduates from other HE institutions

THE IIE IS ACCREDITED AS AN INDEPENDENT HIGHER EDUCATION INSTITUTION BY THE BRITISH ACCREDITATION COUNCIL.