



# University of Pretoria Yearbook 2019

## Computer and information security (I) 720 (COS 720)

**Qualification** Postgraduate

**Faculty** [Faculty of Engineering, Built Environment and Information Technology](#)

**Module content**

This module focuses on state-of-the-art security topics that are current and relevant to industry. The curriculum for the module is determined annually to reflect the current research directions as pursued by the information and Computer Security Architectures (ICSA) research group. The main topics include, but are not limited to: Applied security, including operating system security, secure coding, and cryptography; Trust and trust management systems; Privacy and privacy-enhanced technologies; Social Engineering. Students will be challenged to contribute innovative research ideas in the field of Computer Security by completing a number of mini projects such as writing research papers and writing software programs.

**Module credits** 15.00

**Programmes** [BIT](#)

[BScHons Computer Science](#)

**Prerequisites** No prerequisites.

**Language of tuition** Module is presented in English

**Department** Computer Science

**Period of presentation** Semester 1 or Semester 2

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