

University of Pretoria Yearbook 2016

Basic structural analysis 790 (SIC 790)

Qualification Postgraduate

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

Module credits 24.00

Programmes [BScHons Applied Science Applied Science: Structures](#)
[BScHons Applied Science Applied Science: Water Resources](#)

Prerequisites No prerequisites.

Contact time 40 Contact hours

Language of tuition English

Academic organisation Civil Eng

Period of presentation Year

Module content

Virtual work and influence lines, analysis of statically indeterminate structures (two and three-dimensional), slope-deflection, superposition, stiffness and flexibility methods, matrix and computer methods, plastic analysis of portal frames.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.