

University of Pretoria Yearbook 2022

Theory of structures 211 (STU 211)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
NQF Level	06
Programmes	BSc (Architecture)
Prerequisites	No prerequisites.
Contact time	3 lectures per week
Language of tuition	Module is presented in English
Department	Civil Engineering
Period of presentation	Semester 1

Module content

The theory of structures in architectural applications: Review of determinate structures; indeterminate structures; deflection of beams; strength and behaviour of structural building materials; design of structures, design principles and material selection; design of reinforced concrete structures (beams, slabs and columns).

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