

# University of Pretoria Yearbook 2022

## Theory of structures 211 (STU 211)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	8.00
<b>NQF Level</b>	06
<b>Programmes</b>	<a href="#">BSc (Architecture)</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	3 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Civil Engineering
<b>Period of presentation</b>	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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