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# University of Pretoria Yearbook 2019

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## Theory of structures 311 (STU 311)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module content</b>	<ol style="list-style-type: none"><li>Concrete Structures.<ul style="list-style-type: none"><li>• Loads on concrete structures, Limit-states design principles.</li><li>• Bending, shear and punching: Design of beams, slabs and footings.</li><li>• Compression members: Design of columns.</li></ul></li><li>Load bearing brickwork.<ul style="list-style-type: none"><li>• Limit-states design principles. Effective length and width of compression members.</li></ul></li></ol>
<b>Module credits</b>	8.00
<b>Programmes</b>	<a href="#">BSc Architecture</a>
<b>Prerequisites</b>	STU 211 and STU 221
<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

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