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# University of Pretoria Yearbook 2021

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## Civil environmental management 421 (SEV 421)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	16.00
<b>NQF Level</b>	08
<b>Programmes</b>	<a href="#">BEng Civil Engineering</a> <a href="#">BEng Civil Engineering ENGAGE</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 practical per week, 1 tutorial per week, 4 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Department</b>	Civil Engineering
<b>Period of presentation</b>	Semester 2

### Module content

Regulatory framework, site investigation, site restoration, and waste disposal. Site characterization methods. Waste types and properties. Integrated environmental management processes. Environmental legislation in South Africa. Environmental impact, environmental auditing and risk analysis. ISO 140000: what it entails and how it is applied. Community participation. Municipal service delivery life cycles. Environmental management in context of project lifecycle. Project life cycle management and project management. SHEQ in the workplace

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