

University of Pretoria Yearbook 2022

Civil environmental management 421 (SEV 421)

Qualification Undergraduate

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

Module credits 16.00

NQF Level 08

Programmes [BEng \(Civil Engineering\)](#)

[BEng \(Civil Engineering\) ENGAGE](#)

Prerequisites No prerequisites.

Contact time 1 practical per week, 1 tutorial per week, 4 lectures per week

Language of tuition Module is presented in English

Department Civil Engineering

Period of presentation 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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