

University of Pretoria Yearbook 2022

Simulation modelling 321 (BUY 321)

Qualification Undergraduate

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

Module credits 16.00

NQF Level 07

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

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

Prerequisites (BAN 313)

Contact time 6 lectures per week

Language of tuition Module is presented in English

Department Industrial and Systems Engineering

Period of presentation Semester 2

Module content

Introduction to simulation as technique. Simulation methodology. Formulation of problem situations by means of simulation models with the emphasis on discrete models. Input and output analysis. Introduction to simulation software.

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