

# University of Pretoria Yearbook 2018

## Simulation modelling 321 (BUY 321)

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| <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>Programmes</b>             | <a href="#">BEng Industrial Engineering</a><br><a href="#">BEng Industrial Engineering ENGAGE</a> |
| <b>Prerequisites</b>          | (BAN 313)   |
| <b>Contact time</b>           | 6 lectures per week   |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Department</b>             | Industrial and Systems Engineering  |
| <b>Period of presentation</b> | 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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