



University of Pretoria Yearbook 2019

Process design 421 (NOP 421)

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| Qualification | Undergraduate |
| Faculty | Faculty of Engineering, Built Environment and Information Technology |
| Module content | Philosophy of design and the design process; phases of plant design and their interrelationships. Principles of project planning and management. Unit and process design, simulation, economic evaluation and optimising as applicable to the metallurgical industry. Execution of a process design project, submission of a report, oral presentations and construction of a scale model. |
| Module credits | 32.00 |
| Programmes | BEng Metallurgical Engineering BEng Metallurgical Engineering Engage |
| Prerequisites | (NHM 322), (NMM 320), (NPM 321), (NVM 321) |
| Contact time | 1 tutorial per week, 1 lecture per week |
| Language of tuition | Module is presented in English |
| Department | Materials Science and Metallurgical Engineering |
| Period of presentation | Semester 2 |

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