

# University of Pretoria Yearbook 2022

## Strategic technology and innovation management 880 (IST 880)

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| <b>Qualification</b>          | Postgraduate  |
| <b>Faculty</b>                | Faculty of Engineering, Built Environment and Information Technology  |
| <b>Module credits</b>         | 10.00   |
| <b>NQF Level</b>              | 09  |
| <b>Programmes</b>             | MEng (Technology and Innovation Management) (Coursework)<br>MSc (Technology and Innovation Management) (Coursework) |
| <b>Prerequisites</b>          | No prerequisites.   |
| <b>Contact time</b>           | 20 contact hours per semester   |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Department</b>             | Engineering and Technology Management   |
| <b>Period of presentation</b> | Semester 1 or Semester 2  |

### Module content

The objective of this module is to provide students with the necessary skills to develop technology and innovation strategies for organisations. Themes include the concepts of technology and innovation strategy, processes of strategic management, formulation of technology and innovation strategies, strategy implementation, technology roadmapping, scenario development and future thinking. Appropriate case studies are used to link the theory and practice.

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