

Universiteit van Pretoria Jaarboek 2018

BScHons Finansiële Ingenieurswese (02240277)

Minimum duur van studie 1 jaar

Totale krediete 135

Programinligting

Renewal of registration

1. Subject to exceptions approved by the Dean, on the recommendation of the head of department, and in the case of distance education where the Dean formulates the stipulations that will apply, a student may not sit for an examination for the honours degree more than twice in the same module.
2. A student for an honours degree must complete his or her study, in the case of full-time students, within two years and, in the case of after-hours students, within three years of first registering for the degree and, in the case of distance education students, within the period stipulated by the Dean. Under special circumstances, the Dean, on the recommendation of the head of department, may give approval for a limited extension of this period.

In calculating marks, General Regulation G.12.2 applies.

Apart from the prescribed coursework, a research project is an integral part of the study.

Toelatingsvereistes

An appropriate BSc or bachelor's degree with a minimum of 60% for all modules on third-year level. In the selection procedure the candidates complete undergraduate academic record will be considered. In particular, it is required that the candidate has completed Calculus, Differential equations and Linear algebra on second-year level each with a mark of at least 60% (UP modules WTW 218, WTW 264 / WTW 286 and WTW 211 / WTW 221).

Bevordering tot volgende studiejaar

Hierdie inligting is slegs in Engels beskikbaar.

The progress of all honours candidates is monitored biannually by the postgraduate coordinator/head of department. A candidate's study may be terminated if the progress is unsatisfactory or if the candidate is unable to finish his/her studies during the prescribed period.

Slaag met lof

The BScHons degree is awarded with distinction to a candidate who obtains a weighted average of at least 75% in all the prescribed modules and a minimum of 65% in any one module.



Kurrikulum: Finale jaar

Minimum krediete: 135

Hierdie inligting is slegs in Engels beskikbaar.

Core credits: 91

Elective credits: 44

The Postgraduate Coordinator has to approve the final programme composition for this programme.

1. Students who have included Statistics, Mathematical Statistics or Industrial Engineering in their undergraduate degree programme, will not be allowed to take BAN 780. Additional modules from the list of electives should be included in the programme composition.
2. Lectures for BAN 780 and ISE 780 are scheduled in "blocks" - consult the relevant departments at the Faculty of Engineering, Built Environment and Information Technology.
3. WTW 732 and WTW 762 will be presented weekly as well as some extra "block" lectures.
4. TRA 720 not allowed for students who have already passed the UP module WST 321 (or equivalent) at undergraduate level.

Kernmodules

Bedryfsanalise 780 (BAN 780) - Krediete: 16.00

Wiskundige modelle van finansiële ingenieurswese 732 (WTW 732) - Krediete: 15.00

Wiskundige optimering 750 (WTW 750) - Krediete: 15.00

Wiskundige modelle van finansiële ingenieurswese 762 (WTW 762) - Krediete: 15.00

Projek 792 (WTW 792) - Krediete: 30.00

Keusemodules

Stelselsdenke en -ingenieurswese 780 (ISE 780) - Krediete: 16.00

Lineêre modelle 710 (LMO 710) - Krediete: 15.00

Lineêre modelle 720 (LMO 720) - Krediete: 15.00

Meerveranderlike analise 710 (MVA 710) - Krediete: 15.00

Meerveranderlike analise 720 (MVA 720) - Krediete: 15.00

Tydreeksanalise 720 (TRA 720) - Krediete: 15.00

Moderne portefeuljeteorie 712 (WTW 712) - Krediete: 15.00

Numeriese analise 733 (WTW 733) - Krediete: 15.00

Main principles of analysis in application 735 (WTW 735) - Krediete: 15.00

Eindige-elementmetode 763 (WTW 763) - Krediete: 15.00

Die inligting wat hier verskyn, is onderhewig aan verandering en kan na die publikasie van hierdie inligting gewysig word.. Die [Algemene Regulasies \(G Regulasies\)](#) is op alle fakulteite van die Universiteit van Pretoria van toepassing. Dit word vereis dat elke student volkome vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.