Universiteit van Pretoria Jaarboek 2018

BScHons Wiskunde van Finansies (02240276)

Minimum duur van studie	1 jaar
Totale krediete	135

Programinligting

Hierdie inligting is slegs in Engels beskikbaar.

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 equivalent Bachelor's degree with a minimum of 60% for all Mathematics/Applied mathematics modules at third-year level. In the selection procedure the candidate's complete undergraduate academic record will be considered. In particular, it is required that the candidate has completed real analysis at third-year level and linear algebra on second-year level each with a mark of at least 60% (UP modules WTW 310 and WTW 211 / WTW 221).

Ander programspesifieke inligting

WTW 732 and WTW 762 are presented as weekly lectures together with some extra block lectures.

Bevordering tot volgende studiejaar

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

Kernmodules

Funksionaalanalise 710 (WTW 710) - Krediete: 15.00
Wiskundige modelle van finansiële ingenieurswese 732 (WTW 732) - Krediete: 15.00
Numeriese analise 733 (WTW 733) - Krediete: 15.00
Maatteorie en waarskynlikheid 734 (WTW 734) - Krediete: 15.00
Wiskundige modelle van finansiële ingenieurswese 762 (WTW 762) - Krediete: 15.00
Stogastiese calculus 764 (WTW 764) - Krediete: 15.00
Projek 792 (WTW 792) - Krediete: 30.00
Projek 795 (WTW 795) - Krediete: 30.00

Keusemodules

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
Wiskundige optimering 750 (WTW 750) - Krediete: 15.00
Eindige-elementmetode 763 (WTW 763) - Krediete: 15.00
Wiskundige metodes en modelle 772 (WTW 772) - Krediete: 15.00
Parsiële differensiaalvergelykings van wiskundige fisika 776 (WTW 776) - 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 vertroud met hierdie regulasies sowel as met die inligting vervat in die Algemene Reëls sal wees. Onkunde betrefffende hierdie regulasies en reels sal nie as ‘n verskoning by oortreding daarvan aangebied kan word nie.