



Universiteit van Pretoria Jaarboek 2018

Sagteware-ingenieurswese (I) 730 (COS 730)

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| Kwalifikasie | Nagraads |
| Fakulteit | Fakulteit Ingenieurswese, Bou-omgewing en Inligtingtegnologie |
| Modulekrediete | 15.00 |
| Programme | BIT Inligtingtegnologie BScHons Rekenaarwetenskap |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 2 lesings per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Rekenaarwetenskap |
| Aanbiedingstydperk | Semester 1 of Semester 2 |

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

This module covers various perspectives of Software Engineering theory and practices. It provides an overview both of the challenges in contemporary software engineering (such as scale, complexity and urgency) and of the recommended practices for overcoming these challenges. It will familiarise students with both the historical and current theories about activities for the design, development, deployment and ongoing operation of software. It will show how these activities aim to be predictable, repeatable, robust, value-producing, and how they aim to meet the specified requirements for the intended system users. It will also emphasise that standardisation and reuse can be important factors in successfully engineering software. The module assumes prior knowledge about Software Engineering at the level of an introductory/undergraduate modules.

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.