

Afrikaans

2016
Nagraads
Post Graduate

English

Honneurs in
TEORETIESE FISIKA

Programverteenwoordigers
Program representatives

Honours in
THEORETICAL PHYSICS

PROGRAMKURRIKULUM

Prof KK Müller-Nedebock

Programverteenwoordiger
Program representative
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PROGRAMME CURRICULUM

<http://www.physics.sun.ac.za/theory/>

Kode Code	Module Module	Krediete Credits	Module Naam	Module Name	Semester
10445	711	8	Elektromagnetisme	Electromagnetism	1
10590	712	8	Lagrange- en Hamiltonmeganika	Lagrange and Hamilton Mechanics	1
10752	713	8	Vastetoestandfisika	Solid State Physics	1
10586	714	16	Kwantummeganika B (Gevorderde formalisme en toepassings)	Quantum Mechanics B (Advanced Formalism and Applications)	1
10587	719	8	Kwantummeganika C (Funksionaal-integraalformulering)	Quantum Mechanics C (Functional Integral Formulation)	1
10702	721	16	Statistiese Fisika B (Inleiding tot Wisselwerkende en Nie-ewewigsisteme)	Statistical Physics B (Introduction to Interacting and Non-equilibrium Systems)	2
63274	741	32	Fisika Projek	Physics Project	2
10753	754	8	Veeldeelteorie	Many-body Theory	2
10674	755	16	Relatiewistiese Kwantummeganika en Kwantumveldeteorie	Relativistic Quantum Mechanics and Quantum Field Theory	2

plus

10539	757	8	Entropie en Inligting	Entropy and Information	2
10424	758	8	Dinamiese Sisteme en Kompleksiteit	Dynamic Systems and Complexity	2

of/or

'n module ter waarde van 8 krediete in Wiskunde of Toegepaste Wiskunde in oorleg met die Teoretiese Fisika-koördineerder.	a module to the value of 8 credits from mathematics or Applied Mathematics in consultation with the Theoretical Physics coordinator.
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