

Afrikaans

2014
Nagraads
Post Graduate

English

Honneurs in
TEORETIESE FISIKA

Komplekse sisteme en
toepassings van
kwantumveldteorie

Programverteenwoordigers
Program representatives

Prof KK Müller-Nedebock

Programverteenwoordiger
Program representative
T: 021-808 3386, kkmn@sun.ac.za

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

Honours in
THEORETICAL PHYSICS

Complex systems and the
applications of quantum
field theory

PROGRAMKURRIKULUM

PROGRAMME CURRICULUM

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)	1
63274	741	32	Fisika Projek	Physics Project	2
10753	754	8	Veeldeeltjeteorie	Many-body Theory	2
10674	755	16	Relatiewistiese Kwantummeganika en Kwantumveldeteorie	Relativistic Quantum Mechanics and Quantum Field Theory	2