

Afrikaans

**Honneurs in
TEORETIESE FISIKA
STROOM**

PROGRAMKURRIKULUM

2019
Nagraads
Post Graduate

Programverteenwoordigers
Program representatives

Prof KK Müller-Nedebock

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

English

**Honours in STREAM
THEORETICAL PHYSICS**

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	Relativistiese Kwantummeganika	Relativistic Quantum Mechanics	2
10702	721	16	Statistiese Fisika B (Inleiding tot Wisselwerkende en Nieuwewigstelsels)	Statistical Physics B (Introduction to Interacting and Non-equilibrium Systems)	2
63274	741	32	Fisika Projek	Physics Project	2
1107534	754	8	Veeldeelteorie	Many-body Theory	2

plus

10539	757	8	Bayes-fisika	Bayesian Physics	2
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and

Modules vir verdere 16 krediete soos deur die Departement Fisika bepaal.	Modules of a further 16 credits as recommended by the Department of Physics.
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