

Afrikaans

Honneurs in
TEORETIESE FISIKA
STROOM

PROGRAMKURRIKULUM

2023
Nagraads
Post Graduate

Programverteenwoordigers
Program representatives

Prof H Weigel

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	2
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	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	1 & 2
10753	754	8	Veeldeeltjieteorie	Many-body Theory	2

plus

10539	757	8	Bayes-fisika	Bayesian Physics	1
10753	754	8	Veeldeeltjieteorie	Many-body Theory	2
13942	756	8	Geselekteerde onderwerpe in teoretiese fisika	Selected Topics in Theoretical Physics	2

and

Ander 16 krediete van ander Fisika honneurs modules of modules van Departement Wiskunde of Toegepaste Wiskunde. Oorweeg asb Fisika 746

Another 16 credits from other physics hours module or modules from the Department of Mathematics or Applied Mathematics. Please consider Physics 746.