

Afrikaans

2023
Nagraads
Post Graduate

English

Honneurs in
KERNFISIKA
STROOM

Programverteenwoordigers
Program representatives

Honours in STREAM
NUCLEAR PHYSICS

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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
10708	718	8	Stralingswisselwerking	Radiation	2
10587	719	8	Relativistiese Kwantummeganika	Relativistic Quantum Mechancis	2
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
10563	748	8	Kernreaksies en Kernstruktuur	Nuclear Reactions and Nuclear Structure	2
10706	753	8	Stralingsbeskerming	Radiation Protection	2
10753	754	8	Veeldeeltjieteorie	Many-body Theory	2

plus

	713	8	Vastetoestandfisika	Solid State Physics	1
	756	8		Selected topics in theoretical Physics	2
	754	8	Veeldeeltjieteorie	Many-body Theory	2
	743	8		Special Topics in Applied Photonics	1

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.