MASTERS OF SCIENCE IN NANOSCIENCE (3089)

B.412 ADMISSION

Unless Senate decides otherwise and subject to Rule A.2.4, candidates will be required to meet the following criteria to be enrolled for the degree: **Master of Science - MSc (Nanoscience)**

Candidates should have an Honours degree in either Physics, Chemistry, Biotechnology or Medical Bioscience or related field.

B.413 SELECTION

As only a limited number of students can be admitted to the programme, applicants will be subject to a selection procedure.

B.414 DURATION

Unless Senate decides otherwise, the minimum duration of the curriculum for full-time students shall be two years.

B.415 CURRICULUM

The programme has three specialisation areas of which students should select only one.

B.415.1 Stream 1 – Nanophysics

Module Name	Alpha Code	Cred
Compulsory		
Advanced Nanophysics 831	NSS831	48
Experimental Techniques in Nanophysics 832	NSS832	16
Nanoscience Research project 803	NSS803	15
Nanoscience Research project 804	NSS804	85
	Sub-total	**164**
Electives (select all modules)		
Central Concepts in Nanoscience 809	NSS809	4
Management for Nanoscientists 810	NSS810	4
Foundations of Nanobiomedical Sciences for Non-Biologists 813	NSS813	4
Foundations of Nanochemistry for Non-Chemists 823	NSS823	4
	Sub-total	**16**
	TOTAL	**180**

B.415.2 Stream 2 – Nanobiomed

Module Name	Alpha Code	Cred
Compulsory		
Advanced Nanobiomedical Science 811	NSS811	48
Experimental Techniques in Nanobiomedical Science 812	NSS812	16
Nanoscience Research project 803	NSS803	15
Nanoscience Research project 804	NSS804	85
	Sub-total	**164**
Electives (select all modules)		
Central Concepts in Nanoscience 809	NSS809	4
Management for Nanoscientists 810	NSS810	4
Foundations of Nanochemistry for Non-Chemists 823	NSS823	4
Foundations of Nanophysics for Non-Physicists 833	NSS833	4
	Sub-total	**16**
	TOTAL	**180**

B.415.3 Stream 3 – Nanochemistry

Module Name	Alpha Code	Cred
Compulsory		
Advanced Nanochemistry 821	NSS821	48
Experimental Techniques in Nanochemistry 822	NSS822	16
Nanoscience Research project 803	NSS803	15
Nanoscience Research project 804	NSS804	85
	Sub-total	**164**
Electives (select all modules)		
Central Concepts in Nanoscience 809	NSS809	4
Management for Nanoscientists 810	NSS810	4
Foundations of Nanobiomedical Sciences for Non-Biologists 813	NSS813	4
Foundations of Nanophysics for Non-Physicists 833	NSS833	4
	Sub-total	**16**
	TOTAL	**180**

B.416 ASSESSMENT

Assessment is governed by Rule A.5.4 as stipulated in the University Calendar: General Information Part 1.

B.417 PROGRESS RULES

Registration for the following year of study will be recommended by the supervisor if in his/her opinion adequate progress has been made during the current year.

B.418 RENEWAL OF REGISTRATION

The renewal of registration will be governed by the Rule A.4, as stipulated in the University Calendar: General Information Part 1.

B.419 SPECIAL REQUIREMENTS FOR THE PROGRAMME

There are no special requirements for this programme.