

MASTER OF SCIENCE IN PHYSICAL SCIENCE (3081)

B.434 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 (Physical Science)**

Candidates should have an Honours degree in Physics or related field.

B.435 SELECTION

As only a limited number of students can be admitted to the programme, applicants will be subject to a selection procedure. **Students who are part of the National Astrophysics and Space Science Programme (NASSP) need to pass the NASSP Master coursework for admission to this degree.**

B.436 DURATION

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

B.437 CURRICULUM

The programme has two modes of which students should select only one.

B.437.1 Mode 1 – Mini-Thesis & Coursework

Module Name	Alpha Code	Cred
Compulsory		
1st Enrolment Code		
Physics Mini - thesis 803	PHY803	90
2nd Enrolment Code		
Physics Mini-thesis 804	PHY804	
	Sub-total	90
Electives (select 3 modules)		
Quantum Mechanics 820	PHY820	30
Nuclear Physics 830	PHY830	30
Solid State Physics 840	PHY840	30
Physics Education 850	PHY850	30
Mathematical Methods of Physics 860	PHY860	30
	Sub-total	90
	TOTAL	180

B.437.2 Mode 2 – Full Thesis

Module Name	Alpha Code	Cred
Compulsory		
1st Enrolment Code		
Physics Masters Thesis 801	PHY801	180
2nd Enrolment Code		
Physics Masters Thesis 802	PHY802	
	TOTAL	180

B.438 ASSESSMENT

Assessment is governed by Rule A.5 as stipulated in the University Calendar: General Information Part 1.

B.439 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.440 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.441 SPECIAL REQUIREMENTS FOR THE PROGRAMME

B.441.1 A thesis dealing with an original research topic must be presented.

B.441.2 Coursework may be included, as recommended by the Post-graduate Committee of the department, as a component of the programme when deemed necessary.

B.441.3 Specific additional modules may be prescribed.