

Programme Name	Postgraduate Diploma (Physics)
Programme Description	The Postgraduate Diploma Master in physics provides, along with a deep and solid foundation in basic physics, theoretical and experimental skills that are transferable to many professions besides the traditional physics research careers. These skills, acquired within the main stream of study in theoretical and experimental physics, include mathematical modeling, instrumentation and experiment design, and general laboratory techniques.
Majors	Physics
Minimum Requirements	The minimum entry requirement for postgraduate programmes is grade point average of 3/5 that is letter grade B and above in BSc or equivalent. Those candidates who do not meet minimum grade point average requirement must have served in relevant areas (teaching, research, industry) for at least TWO years and would have gained sufficient knowledge and developed aptitude to undertake higher studies.
Duration	One Year
Programme Type	Post Graduate Diploma
College Name	College of Pure Sciences
Campus	Lautoka
Credit Points	120

Programme Structure		
Course Code	Course Title	Credit Points
	Year 1 Semester 1	
PHY801Sem	Research Methods in Physics (Compulsory)	20
* Any two from the following four Elective courses (PHY802Sem, PHY803Sem, PHY805Sem and PHY806Sem)		
PHY802Sem	Atomic and Molecular Physics*	20 20
PHY803Sem	Advanced Nuclear Physics*	
PHY805Sem	Radiation Measurements and Protection*	
PHY806Sem	Quantum Mechanics*	
	Year 1 Semester 2	
PHY804 SEM	Physics of Photovoltaic Devices, Technology and Systems**	20 20 20
PHY807 SEM	Semiconductor Physics and Devices**	
PHY808 SEM	Plasma Physics**	
PHY809Sem	Physics of Materials**	

* Any three from the following four Elective courses (PHY804Sem, PHY807Sem, PHY808Sem and PHY809Sem)	
Total Credit Points	120

Course Prerequisite		
Course Code	Course Title	Prerequisite
PHY801 SEM	Research Methods in Physics	
PHY802 SEM	Atomic and Molecular Physics	
PHY803 SEM	Advanced Nuclear Physics	
PHY805 SEM	Radiation Measurements and Protection	
PHY806 SEM	Quantum Mechanics	
PHY804 SEM	Physics of Photovoltaic Devices, Technology and Systems	
PHY807 SEM	Semiconductor Physics and Devices	
PHY808 SEM	Plasma Physics	
PHY809Sem	Physics of Materials	