(For all students in the Program)

Undergraduate Minor Program in Physics

Except for those studying the BSc program offered by the Physics Department, or the Mathematics and Physics Option of the BSc Mathematics program, any undergraduate student with a CGA of 1.85 or above may enroll in the Physics Minor Program. Students under the 3-year degree should follow Sequence A while those under the 4-year degree should follow Sequence B. Students must declare their intention to enroll in the minor program no earlier than the first regular term of their second year (for Sequence A) or their third year (for Sequence B) but no later than the last day of the add/drop period in the first regular term of their final year of study. Students who wish to withdraw from the minor program should apply before the last day of the add/drop period in the first regular term of their final year of study.

The Physics Minor Program requires a minimum total of 18 credits taken from the following Physics courses:

Required courses

			Credit(s)
For Sequence A:			
	PHYS 2022	Modern Physics	3
For Sequence B:			
	PHYS 1111	General Physics I	3
or	PHYS 1112	General Physics I with Calculus	3
or	PHYS 1151	Accelerated General Physics I	2
or	PHYS 1152	Accelerated General Physics I with Calculus	2
or	PHYS 1312	Honors General Physics I	3
	PHYS 1114	General Physics II	3
or	PHYS 1154	Accelerated General Physics II	2
or	PHYS 1314	Honors General Physics II	3
	PHYS 2022	Modern Physics	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(1,2, 3,4)	PHYS Fundamental	Physics courses at 1000- or 2000-level	-	15 (Seq A) 9-11 (Seq B)
(2,3,4)	PHYS Advanced	Physics courses at 3000-level or above		

Notes:

(1) Students enrolling in this program under the 3-year degree are expected to have background in AL Physics/ Engineering Science (Sequence A). Students following Sequence A without AL Physics/Engineering Science background must include PHYS 2421 as part of the program requirements.

(2) Students following Sequence A should take at least 15 credits of PHYS electives. Out of these 15 elective credits, at most 3 credits can be at the 1000-level (for courses taken in 2011-12 and after), or 000-level (for courses taken prior to 2011-12); and at least 12 credits must be at the 2000-level or above (for courses taken in 2011-12 and after), or 100-level or above (for courses taken prior to 2011-12). Out of these 12 credits, at least 3 credits must be at the 3000-level or above (for courses taken in 2011-12 and after), or 200-level or above (for courses taken prior to 2011-12).

(3) For students following Sequence B, they should take at least 9 credits of PHYS electives if they have taken PHYS 1111/PHYS 1112 and PHYS 1114, or at least 11 credits if taken PHYS 1151/PHYS 1152 and PHYS 1154. Out of these elective credits, at least 3 credits must be at the 3000-level or above.

(4) PHYS 2080, PHYS 3480 and PHYS 4080 cannot be used to count towards the minor requirement.

For credit transfer, students can transfer a maximum total of 6 credits to the Minor Program.

To graduate with a minor in Physics, the students must be enrolled in the minor program and complete all of its requirements, as well as all the requirements of the major program of study; and have attained an average grade point of at least 1.5 in courses taken within the minor program.