

BACHELOR OF SCIENCE IN APPLIED PHYSICS (MATERIALS PHYSICS CONCENTRATION)

150 units

Effective First Semester, AY 2018-2019

FIRST YEAR

1st Semester	19 units	2nd Semester	18 units
Math 21	4	Physics 106	5
Geol 11	3	Physics 106.1	1
Geol 11.1	1	Math 22	4
Chem 16	3	Chem 17	3
Chem 16.1	2	Chem 17.1	2
Eng 13 / Speech 30	3	Kas 1	3
Physics 10	3	PE	(2)
PE	(2)		
		Midyear	5 units
		BIO 11	3
		BIO 11.1	2

SECOND YEAR

1st Semester	18 units	2nd Semester	18 units
Physics 107	5	Physics 108	5
Physics 107.1	1	Physics 117	5
Physics 116	5	Physics 126	4
Math 23	4	App Physics 181	4
Math 122	3	PE	(2)
PE	(2)		
		Midyear	5 units
		Chem 28	3
		Chem 28.1	2

THIRD YEAR

1st Semester	19 units	2nd Semester	16 units
Chemistry 153	3	Physics 132	3
App Physics 155	4	Physics 142	3
Physics 131	3	Physics 165	3
Physics 141	3	Physics 170	3
Soc Sci 1 / Soc Sci 2	3	Physics 191	4
Fil 40	3	NSTP	(3)
NSTP	(3)		

FOURTH YEAR

1st Semester	16 units	2nd Semester	16 units
Physics 192	4	Physics 151	3
App Physics 175 / App Physics 176	3	Physics 161	3
App Physics 199	3	Physics 196	1
Philo 1	3	App Physics 200	3
Arts 1	3	PI 100	3
		DRMAPS / STS 1	3

Notes: As a requirement for graduation, all students must take six (6) units in one of the National Service Training Program (NSTP) components: Civic Welfare Training Service (CWTS), Literacy Training Service (LTS), and Reserved Officer's Training Corps Military Science (ROTC Mil Sci). These are offered by UPD. 6 units of the GE courses must satisfy Philippine Studies requirement.

*Science/Math fundamental course elective may be chosen, upon the consent of the adviser, from any Science/Math undergraduate-level course for which the prerequisite has been fulfilled. May be taken during the regular semester if not offered during the Midyear Term.

**Physics/App Physics elective may be chosen, upon the consent of the adviser, from any 100-or higher level Physics or App Physics course, except Physics 20x-level (MA Physics) course.

All students required to take Math 21 must have passed any of the following: (1) Pre-Calculus from the STEM or equivalent strand of K-12; (2) the Validation Examination for Math 20 (Pre-Calculus: Functions and their Graphs) administered by the UPD Institute of Mathematics; or (3) Math 20 as a non-credit course.