

BACHELOR OF SCIENCE IN PHYSICS

143-151 units

Effective First Semester, AY 2018-2019

FIRST YEAR

| 1st Semester | 19 units |
|--------------------|----------|
| Math 21 | 4 |
| Geol 11 | 3 |
| Geol 11.1 | 1 |
| Chem 16 | 3 |
| Chem 16.1 | 2 |
| Eng 13 / Speech 30 | 3 |
| Physics 10 | 3 |
| PE | (2) |

| 2nd Semester | 18 units |
|---------------|----------|
| Physics 106 | 5 |
| Physics 106.1 | 1 |
| Math 22 | 4 |
| Bio 11 | 3 |
| Bio 11.1 | 2 |
| Kas 1 | 3 |
| PE | (2) |

| Midyear | 3-5 units |
|--------------------------|-----------|
| Science/Math Fundamental | 3-5 |
| Course Elective* | 3-5 |

SECOND YEAR

| 1st Semester | 18 units |
|---------------|----------|
| Physics 107 | 5 |
| Physics 107.1 | 1 |
| Physics 116 | 5 |
| Math 23 | 4 |
| Math 122 | 3 |

| 2nd Semester | 18 units |
|-----------------|----------|
| Physics 108 | 5 |
| Physics 117 | 5 |
| Physics 126 | 4 |
| App Physics 181 | 4 |
| PE | (2) |

| Midyear | 3 units |
|---------|---------|
| Philo 1 | 3 |

THIRD YEAR

| 1st Semester | 16 units |
|-----------------------|----------|
| App Physics 155 | 4 |
| Physics 131 | 3 |
| Physics 141 | 3 |
| Fil 40 | 3 |
| Soc Sci 1 / Soc Sci 2 | 3 |
| NSTP | (3) |
| PE | (2) |

| 2nd Semester | 16-18 units |
|--------------------------------|-------------|
| Physics 132 | 3 |
| Physics 142 | 3 |
| Physics 151 | 3 |
| Physics/App Physics elective** | 3-5 |
| Physics 191 | 4 |
| NSTP | (3) |

FOURTH YEAR

| 1st Semester | 16-18 units |
|--------------------------------|-------------|
| Physics/App Physics elective** | 3-5 |
| Physics 170 | 3 |
| Physics 180 | 3 |
| Physics 192 | 4 |
| Physics 199 | 3 |

| 2nd Semester | 16-18 units |
|--------------------------------|-------------|
| Physics/App Physics elective** | 3-5 |
| Physics 196 | 1 |
| Physics 200 | 3 |
| PI 100 | 3 |
| DRMAPS or STS 1 | 3 |
| Arts 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.