Requirements for an A.B. in Physics

I. Physics:

◊ PHYS 151 (Mechanics) or PHYS 101
  ○ Co- or pre-requisite: MATH 035 (Calculus I)

◊ PHYS 152 (Electromagnetic Phenomena) or PHYS 102
  ○ Co- or pre-requisite: MATH 036 (Calculus II)

◊ PHYS 153 (Relativity and Quantum Physics)
  ○ Co- or pre-requisite: MATH 137 (Multivariable Calculus)

◊ PHYS 154 (Modern Physics and its Experimental Methods)

◊ PHYS 155 (Math/Computational Methods)

One of the following intermediate level physics course:

○ PHYS 251 (Intermediate Mechanics)

○ PHYS 252 (Intermediate E&M)

○ PHYS 253 (Quantum Mechanics)

○ PHYS 254 (Statistical Physics)

◊ First physics elective: ≥ PHYS 220

◊ Second physics elective: PHYS 220-299 or ≥ PHYS 400

◊ First approved physics or math/science course

◊ Second approved physics or math/science course

   NOTE: these courses are already approved:

   PHYS >155, MATH ≥ 140 COSC ≥ 030, CHEM 001, 002, ≥ 055, BIO ≥ 103
II. General Education:

Note: This is an unofficial summary of the requirements. Please verify by checking the Georgetown University Undergraduate Bulletin for complete details to ensure that specific courses count towards specific requirements.

**Humanities and Writing**

- ♦ Intensive Writing Seminar
- ♦ Introduction to a humanities discipline other than Philosophy, Theology, or History

**History**

- ♦ Early History
- ♦ Late History

**Philosophy**

- ♦ Ethics
- ♦ Non-ethics

**Theology**

- ♦ Problem of God (THEO 001) or Intro to Bib Lit (THEO 011)
- ♦ Intermediate-level Theology

**Language**

- ♦ Through the intermediate level

**Social Science**

- ♦ Course 1
- ♦ Course 2 (in the same department)