Requirements for a B.S. 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)
- PHYS 251 (Intermediate Mechanics)
- PHYS 252 (Intermediate E&M)
- PHYS 253 (Quantum Mechanics)
- PHYS 254 (Statistical Physics)
- One physics elective: PHYS 220-299 or ≥PHYS 400
- One approved physics or math/science course

  NOTE: these courses are already approved:

  PHYS >155, MATH ≥ 140 COSC ≥ 030, CHEM 001, 002, ≥ 055, BIO ≥ 103
- Physics independent research: PHYS 300-339 (one semester)
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*

B.S. Physics majors are exempt from the Social Science requirement