Requirements for an A.B. in Biological 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 235 (Biological Physics I)

◊ PHYS 254 (Statistical Physics)

◊ PHYS 436 (Biological Physics II) or approved elective

II. Corollary Major Requirements:

◊ BIOL ≥ 103 (Major-level biology, typically BIOL 103)

◊ BIOL ≥ 104 (Major-level biology, typically BIOL 104)

◊ CHEM 001 or ≥ 055 (Major-level chemistry, typically CHEM 001)

◊ CHEM 002 or ≥ 056 (Major-level chemistry, typically CHEM 002)
III. 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)