Curricular Structure: Biology and Biochemistry Majors at Stony Brook

**Foundational courses**
- BIO 201: Fundamentals of Biology: Organisms to Ecosystems
- BIO 202: Fundamentals of Biology: Molecular and Cellular Biology
- BIO 203: Fundamentals of Biology: Cellular and Organ Physiology
- BIO 204: Fundamentals of Scientific Inquiry in the Biological Sciences I
- BIO 205: Fundamentals of Scientific Inquiry in the Biological Sciences IIA
- BIO 207: Fundamentals of Scientific Inquiry in the Biological Sciences IIB

3 BIO Lecture courses modular, any order

**Math**
- Calculus Semester 1
- Calculus 2 (not required for BA)
- Statistics (not required for BCH)

**Physics**
- Physics 1 (with Lab)
- Physics 2 (with Lab)

**Chemistry**
- Gen. Chemistry Lab 1
- Gen. Chemistry Lab 2
- Organic Chemistry Lab
- General Chemistry 1
- General Chemistry 2
- Organic Chemistry 1
- Organic Chemistry 2

**Major / BIO Specialization**
- BCH BS = Biochemistry
- BIO BS: Developmental Genetics
- BIO BS: Ecology and Evolution
- BIO BS: Environmental Biology
- BIO BS: Neuroscience
- BIO BS: Quant. Biology and Bioinformatics
- BIO BS: Interdisciplinary Biology
- BIO BS: Bioengineering

Biology BA + Approved minor