

PA Entry-Level: Prerequisite Courses for Stony Brook Undergraduates

The Prerequisites	Minimum Course Requirements
Two semesters of Biology with Lab	<p>BIO 202 Fundamentals of Biology: Molecular and Cellular Biology</p> <p style="text-align: center;">AND one of the following:</p> <p>BIO 201 Fundamentals of Biology: Organisms to Ecosystems</p> <p style="text-align: center;">or</p> <p>BIO 203 Fundamentals of Biology: Cellular and Organ Physiology</p> <p><u>Lab Options:</u></p> <p>BIO 204 Fundamentals of Scientific Inquiry in the Biological Sciences I</p> <p style="text-align: center;">AND one of the following:</p> <p>BIO 205 Fundamentals of Scientific Inquiry in the Biological Sciences IIA</p> <p style="text-align: center;">or</p> <p>BIO 207 Fundamentals of Scientific Inquiry in the Biological Sciences IIB</p>
Two Semesters of General Chemistry with Lab (UNLESS accelerated route is taken = One Semester of Molecular Chemistry with Lab)	<p>CHE 131 General Chemistry IB <i>with</i></p> <p>CHE 133 General Chemistry Laboratory I</p> <p style="text-align: center;">and</p> <p>CHE 132 General Chemistry II <i>with</i></p> <p>CHE 134 General Chemistry Laboratory II</p> <p style="text-align: center;">OR for accelerated route:</p> <p>CHE 152 Molecular Science I <i>with</i></p> <p>CHE 154 Molecular Science Laboratory I</p>
One Semester of Microbiology (Lab is optional for the Stony Brook PA Program)	<p>BIO 315 Microbiology</p> <p style="text-align: center;">or</p> <p>BIO 299 Advanced Microbiology for Nursing and Allied Health (Lab Included)</p>
One Semester of Human Anatomy	<p>ANP 300 Human Anatomy</p>
One Semester of Physiology	<p>BIO 203 Fundamentals of Biology: Cellular and Organ Physiology</p> <p>(Course cannot be used if it is going towards fulfilling Biology requirement)</p> <p style="text-align: center;">or</p>

	BIO 328 Mammalian Physiology (alternative if BIO 203 is being used to fulfill Biology Requirement)
One Semester of Statistics	AMS 102 Elements of Statistics or AMS 110 Probability And Statistics For Life Science or BIO 211 Statistics and Data Analysis: A Conceptual Approach
One semester of Organic Chemistry (Lab is optional for the Stony Brook PA Program)	CHE 321 Organic Chemistry I <u>Lab Option:</u> CHE 327 Organic Chemistry Laboratory
One semester of Biochemistry	BIO 361 Biochemistry *(Stony Brook students see BIO 361 prerequisites)
One semester of Genetics	BIO 320 General Genetics or EBH 302 Human Genetics
3 credits of English Composition, 6 credits of Arts and Humanities, and 9 credits of Social Behavioral Sciences	These will be met by completing your SBC requirements

Last Updated: Spring 2021

Disclaimer:

- This is a general outline and may not be applicable to all students. AP credits, transfer credits and major can alter the courses that need to be taken.
- It is HIGHLY recommended for SBU undergraduate students to join the Pre-PA club in which they can meet with Pre-PA advisor **Audra Perrino** once a semester. Please email prepasbu@gmail.com to be added to the mailing list.
- Laboratories DO NOT have to be taken alongside associated courses.
- Upper division science courses have prerequisites that you must complete before registering for them. Refer to the SBU Bulletin Course.
- Courses are subject to change if Stony Brook University no longer offers a course or changes a course.

- You are responsible for contacting the programs that you are interested in applying to to see if they accept Anatomy and Physiology as outlined above. If they do not then you need to contact the program and ask them what type of Anatomy and Physiology courses meet their requirements. This cannot be answered by a Stony Brook Advisor.