

MATH EXPECTATIONS FOR PROSPECTIVE TRANSFERS

AS OF DECEMBER 2021

MATHEMATICS REQUIREMENT OF THE STONY BROOK CURRICULUM (SBC): All Stony Brook undergraduates must satisfy Stony Brook Curriculum's Master Quantitative Problem Solving (QPS) requirement, which includes courses that help students understand and use quantitative skills and ideas critical to higher education. Courses offered at Stony Brook that satisfy this requirement include Statistics, Mathematical Thinking, Introduction to Symbolic Logic, Calculus and Overview of Calculus with Applications. Transfer courses that may be evaluated as satisfying this requirement include Statistics, Finite Mathematics, Discrete Mathematics, Computers and Applied Statistics, Business Statistics, Survey of Math Reasoning, Technical Math II, Applied Math, Fundamentals of Precalculus I or II, Survey of Contemporary Math Topics, Calculus for Non-Science Majors, Precalculus Mathematics, Calculus I or II, Engineering Technical Math II, and higher level mathematics courses in calculus, linear algebra, and differential equations.

AP CREDIT: Students with certain AP exam scores may satisfy the Stony Brook Curriculum's Master Quantitative Problem Solving (QPS) requirement, and may serve to lighten a student's academic course load in their first year or provide an opportunity to advance more rapidly in their math courses and related subjects.

AP Exam	Score	SBU Equivalent	SBC Requirement Fulfilled
Calculus AB	4 or 5	MAT 131	QPS
Calculus BC	4 or 5	MAT 131, 132	QPS
Calculus AB or BC	3	none	none
Statistics	3, 4 or 5	AMS 102	QPS

The majors listed below have no specific math requirements. Students pursuing these majors need only satisfy the Stony Brook Curriculum's Master Quantitative Problem Solving (QPS) requirement.	These majors require an introductory statistics course as a prerequisite for many courses within the major. For a timely completion of their prospective major, transfers are advised to satisfy this requirement prior to the start of their first semester.	These majors require Overview of Calculus with Applications or other mathematics course as a prerequisite for many courses within the major. For a timely completion of their prospective major, transfers are advised to satisfy this requirement prior to the start of their first semester.	These majors require either a semester or more of Calculus, or require courses which have a pre- or corequisite of Calculus. For a timely completion of their prospective major, transfers are advised to have completed Precalculus or Calculus prior to the start of their first semester.	These majors, and students pursuing pre-health professions require two or more semesters of Calculus, Applied Calculus, or more advanced mathematics courses. For a timely completion of their prospective major, transfers are advised to have completed two semesters of Calculus prior to the start of their first semester.
Africana Studies, BA	Political Science, BA	Environmental Humanities, BA	Clinical Laboratory Sciences, BS	Applied Mathematics & Statistics, BS
Anthropology, BA	Psychology, BA	Business Management, BS	Coastal Environmental Studies, BS	Astronomy/Planetary Sciences, BS
Art History & Criticism, BA	Sociology, BA	Economics, BA	Ecosystems & Human Impact, BA	Atmospheric & Oceanic Sciences, BS
Asian & Asian American Studies, BA	Social Work, BS		Environmental Design, Policy, & Planning, BA	Biochemistry, BS
Creative Writing, BS			Environmental Studies, BA	Biology, BS
English, BA			Health Science, BS	Biomedical Engineering, BE
French Language & Literature, BA			Human Evolutionary Biology, BS	Chemical & Molecular Engineering, BE
Globalization Studies, BA			Nursing, BS	Chemistry, BS & BA
History, BA			Polysomnographic Technology	Civil Engineering, BE
International Relations, BA			Respiratory Care, BS	Computer Engineering, BE
Italian Studies, BA			Sustainability Studies, BA	Computer Science, BS
Journalism, BA				Earth & Space Sciences, BA
Linguistics, BA				Electrical Engineering, BE
Mass Communications, BS				Engineering Chemistry, BS
Multidisciplinary Studies, BA				Engineering Science, BE
Music, BA				Geology, BS
Philosophy, BA				Information Systems, BS
Spanish Language & Literature, BA				Marine Sciences, BS
Studio Art, BA				Marine Vertebrate Biology, BS
				Mathematics, BS
				Mechanical Engineering, BE
				Physics, BS
				Pre-Med, Pre-Dental, Pre-Vet, Pre-PA, Pre-DPT
				Psychology, BS
				Technological Systems Management, BS