

MATHEMATICS REQUIREMENT OF STONY BROOK'S DIVERSIFIED EDUCATION CURRICULUM: All Stony Brook undergraduates must satisfy the University's degree requirement in Mathematical and Statistical Reasoning, 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 who score a **4 or 5 on the AP Calculus AB Exam will receive credit for Calculus I** at Stony Brook; those who score a **4 or 5 on the AP Calculus BC Exam will receive credit for Calculus I and II**. This will satisfy D.E.C. Category C, 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. Students who score a 3 will receive 3 elective credits. Students with a score of **3, 4, or 5 on the AP Statistics Exam will receive credit for Elements of Statistics** at Stony Brook. This will satisfy D.E.C. Category C, and may serve to lighten a student's academic course load in their first semester or provide an opportunity to advance more rapidly in related courses.

The majors listed below have no specific math requirements. Students pursuing these majors need only satisfy the University's degree requirement in Mathematical & Statistical Reasoning described above.	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 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 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	Athletic Training, BS	Applied Mathematics & Statistics, BS
American Studies, BA	Psychology, BA	Business Management, BS	Clinical Laboratory Sciences, BS	Astronomy/Planetary Sciences, BS
Anthropology, BA	Sociology, BA	Economics, BA	Coastal Environmental Studies, BS	Atmospheric & Oceanic Sciences, BS
Art History & Criticism, BA	Social Work, BS		Ecosystems & Human Impact, BA	Biochemistry, BS
Asian & Asian American Studies, BA			Environmental Design, Policy, & Planning, BA	Biology, BS
Cinema & Cultural Studies, BA			Environmental Studies, BA	Biomedical Engineering, BE
Comparative Literature, BA			Health Science, BS	Chemical & Molecular Engineering, BE
English, BA			Nursing, BS	Chemistry, BS & BA
European Studies, BA			Occupational Therapy	Civil Engineering, BE (beginning Fall 2014)
French Language & Literature, BA			Respiratory Care, BS	Computer Engineering, BE
German Language & Literature, BA			Sustainability Studies, BA	Computer Science, BS
History, BA				Earth & Space Sciences, BA
Italian Studies, BA				Electrical Engineering, BE
Journalism, BA				Engineering Chemistry, BS
Linguistics, BA				Engineering Science, BE
Multidisciplinary Studies, BA				Geology, BS
Music, BA				Information Systems, BS
Philosophy, BA				Marine Sciences, BS
Religious Studies, BA				Marine Vertebrate Biology, BS
Spanish Language & Literature, BA				Mathematics, BS
Studio Art, BA				Mechanical Engineering, BE
Theatre Arts, BA				Pharmacology, BS
				Physics, BS
				Pre-Med, Pre-Dental, Pre-Vet, Pre-PT
				Psychology, BS
				Technological Systems Management, BS