# 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.

<table>
<thead>
<tr>
<th>AP Exam</th>
<th>Score</th>
<th>SBU Equivalent</th>
<th>SBC Requirement Fulfilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus AB</td>
<td>4 or 5</td>
<td>MAT 131</td>
<td>QPS</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>4 or 5</td>
<td>MAT 131, 132</td>
<td>QPS</td>
</tr>
<tr>
<td>Calculus AB or BC</td>
<td>3</td>
<td>AMS 102</td>
<td>QPS</td>
</tr>
<tr>
<td>Statistics</td>
<td>3, 4 or 5</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

## Math Expectations for Prospective Transfers

As of December 2015:

- Africana Studies, BA
- Political Science, BA
- Environmental Humanities, BA
- Clinical Laboratory Sciences, BS
- Applied Mathematics & Statistics, BS
- American Studies, BA
- Psychology, BA
- Business Management, BS
- Coastal Environmental Studies, BS
- Astronomy/Planetary Sciences, BS
- Anthropology, BA
- Sociology, BA
- Economics, BA
- Ecosystems & Human Impact, BA
- Atmospheric & Oceanic Sciences, BS
- Art History & Criticism, BA
- Social Work, BS
- Environmental Design, Policy, & Planning, BA
- Biochemistry, BS
- Asian & Asian American Studies, BA
- Environmental Studies, BA
- Biology, BS
- English, BA
- Health Science, BS
- Biomedical Engineering, BE
- European Studies, BA
- Human Evolutionary Biology, BS
- Chemical & Molecular Engineering, BE
- French Language & Literature, BA
- Nursing, BS
- Chemistry, BS & BA
- German Language & Literature, BA
- Polysomnographic Technology
- Civil Engineering, BE
- History, 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
- Multidisciplinary Studies, BA
- Engineering Chemistry, BS
- Music, BA
- Engineering Science, BE
- Philosophy, BA
- Geology, BS
- Religious Studies, BA
- Information Systems, BS
- Spanish Language & Literature, BA
- Marine Sciences, BS
- Studio Art, BA
- Marine Vertebrate Biology, BS
- Mathematics, BS
- Studio Art, BA
- Mechanical Engineering, BE
- Pharmacology, BS
- Studio Art, BA
- Physics, BS
- Pre-Med, Pre-Dental, Pre-Vet, Pre-PT
- Studio Art, BA
- Psychology, BS
- Studio Art, BA
- Technological Systems Management, BS