Syllabus for Aptitude Test of All Undergraduate Programs (SBS, SMCS, SESS):

<table>
<tr><th colspan="3">Syllabus for Aptitude Test (Difficulty Level: SAT)</th></tr>
<tr><th colspan="3">All Undergraduate Programs</th></tr>
<tr><th colspan="3">Applicable from Fall 2027 Admission Tests</th></tr>
<tr><th>Program</th><th>Sections</th><th>Topics</th></tr>
<tr><td rowspan="2">All Undergraduate Programs</td><td>Mathematics (MCQs)</td><td>
Data Analysis & Statistics
• Ratios, rates, proportional relationships, and units
• Percentages
• One-variable data: distributions and measures of center and spread
• Two-variable data: models and scatterplots
• Inference from sample statistics and margin of error
• Evaluating statistical claims: observational studies and experiments

Probability
• Probability and conditional probability

Problem Solving & Data Analysis
• One-variable data: distributions and measures of center and spread
• Two-variable data: models and scatterplots
• Inference from sample statistics and margin of error
• Evaluating statistical claims: observational studies and experiments

Algebra
• Linear equations in 1 variable
• Linear equations in 2 variables
• Linear functions
• Systems of 2 linear equations in 2 variables
• Linear inequalities in 1 or 2 variables

Advance Math & Algebra
• Equivalent expressions
• Nonlinear equations in 1 variable
• Systems of equations in 2 variables
• Nonlinear functions
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<tr><td>English (MCQs)</td><td>Reading Comprehension, Fill in the Blanks, Synonyms, Antonyms</td></tr>
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