Note: Exception in January registration.

In order to complete the requirements of the major, students are required to complete the following courses:

Majors and Minors

The requirements for the AB degree at Teachers College are as follows:

I. Core Courses

A. 18 units

1. English
   - English language and literature
   - English composition

2. Mathematics
   - Calculus
   - Statistics

3. Science
   - Biology
   - Chemistry

II. Elective Courses

1. 12 units

A. 2 units
   - History
   - Philosophy

B. 6 units
   - Social Sciences
   - Business

C. 4 units
   - Foreign Language

III. Specialized Courses

1. 6 units

A. Education
   - Educational Psychology
   - Educational Administration

B. Professional Education
   - Professional Advocacy
   - Professional Ethics

IV. General Education

1. 6 units

A. Physical Education
   - Health
   - Nutrition

B. Fine Arts
   - Fine Arts
   - Performing Arts

V. Interdisciplinary

1. 3 units

A. Interdisciplinary
   - Interdisciplinary Studies
   - Interdisciplinary Research

VI. Minor

1. 18 units

A. Minor
   - Minor in Education
   - Minor in Mathematics

VII. Graduate Study

1. 12 units

A. Graduate Study
   - Graduate Research
   - Graduate Seminar

VIII. Internship

1. 12 units

A. Internship
   - Internship in Education
   - Internship in Mathematics

Requirements for the AB Degree

San Jose State Teachers College Bulletin

1934-1935
Program for Pre-Secondary Major in Mathematics

<table>
<thead>
<tr>
<th>Units</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Mathematics courses in Mathematics</td>
<td>12 units</td>
</tr>
<tr>
<td>Course Required for a Minor in Mathematics</td>
<td>24 units</td>
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</table>

The work above totals 36 units.

Matriculation and Admission Requirements: 80.3, 10A, 10C.

For full details, contact the Admissions Office.
<table>
<thead>
<tr>
<th>Year</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</td>
<td>Intro to College Algebra</td>
</tr>
<tr>
<td>10</td>
<td>Intermediate Algebra (Recommended: Fall 1)</td>
</tr>
<tr>
<td>11</td>
<td>College Algebra (Recommended: Spring 1)</td>
</tr>
<tr>
<td>12</td>
<td>Trigonometry (Recommended: Fall 2)</td>
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<tr>
<td>13</td>
<td>Pre-Calculus (Recommended: Spring 2)</td>
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</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Calculus I (Recommended: Fall 2)</td>
</tr>
<tr>
<td>15</td>
<td>Calculus II (Recommended: Spring 2)</td>
</tr>
<tr>
<td>16</td>
<td>Calculus III (Recommended: Fall 3)</td>
</tr>
</tbody>
</table>

**Prerequisites:**
- Placement into College Algebra (or equivalent)
- Satisfactory performance on the Mathematics Placement Test

**Recommended:**
- Calculus I is required for most majors.
- Calculus II is recommended for science and mathematics majors.
- Calculus III is recommended for engineering and physical sciences majors.

**Contact:**
- Mathematics Department
- San Jose State University
- 1934-1935