A. Policies for Admission to the Major
   1. New students (freshmen and transfers) must be admitted to the Mathematics major by the
      Office of Admissions upon admission to the University.
   2. Admission into the Mathematics major from other departments is upon approval of the
      chairperson of the Department of Mathematics. A "C-" or better in MATH 161 and all Math
      courses already taken which count toward a Mathematics major is required for admission.
   3. Non-degree and continuing education students must be admitted to the Mathematics major
      by the Office of Admissions, subject to approval by the chairperson of the Department of
      Mathematics.

B. Policies for Retention in the Major
   1. University requirements for retention.
   2. A Mathematics major taking any Math course required as a prerequisite for a later Math
      course must earn a grade of "C-" or better in that course before being admitted to the later
      course for which it is a prerequisite.
   3. Periodically, a Mathematics major's progress will be reviewed in accordance with the
      "Department Evaluation of Majors" policy stated in the University catalog. A student who
      does not demonstrate satisfactory progress will be notified of the department's concern.
      Subsequent notifications may result in being terminated as a major in the department.

C. Policies for Completion of the Major
   1. Completion of all University curricular requirements.
   2. Any student in the BSE Mathematics program must earn a grade of "C-" or better in
      MATH 405 prior to student teaching. In order to receive a departmental approval for student
      teaching, a math major must attain at least a "C-" in each of the prerequisites for MATH 405:
      MATH 161, 211, 310, 311, 322, 333, 345, and 353 or 355.
   3. Additionally, prior to student teaching, each student is subject to a departmental review.

D. Admission to Advanced Professional Studies and Certification (Education Majors)
All students enrolled in teacher preparation programs must be admitted to Advanced Professional
Studies and meet Pennsylvania State requirements and university requirements prior to being enrolled
in their initial Advanced Professional course. Students must meet additional Pennsylvania State
requirements in order to be certified. A listing of Advanced Professional Studies courses and require-
ments is available in each department office, the Field Services office, and the Field Services website.

Note to the student: This form is provided as a guide. It is your responsibility to consult regularly with your advisor to
be aware of changes and curriculum details which are not incorporated on this form.
**MAJOR SEQUENCE AND DEGREE REQUIREMENTS**

**Major:** BSE MATHEMATICS  
**Option:** Major Field Requirements: 46.0-50.0 credits  
**Other Requirements:** 35.0 credits

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**REQUIRED MATHEMATICS COURSES (36-37.0 credits)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**Professional Education Courses (27.0 credits)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**REQUIRED RELATED COURSES (8.0 credits)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**ELECTIVE COURSES - No Declared Option**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**A. Statistics Requirements (4.0-6.0 credits)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**B. Additional Electives (6.0 credits)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
</tr>
</thead>
</table>

**CSCI 161 Intro to Programming I** 4.0  
**CSCI 140 Discrete Structures** 4.0