

**Associate of Arts in Teaching (AAT) Degree**  
*Secondary Mathematics Model Outline*

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The recommended model for the AAT in Secondary Mathematics is listed below:

**General Education Component\* (37-41 semester credits)**

Communication: 9 semester credits  
*(two-course writing sequence and one course in oral communications)*

Mathematics: 3 - 6 semester credits

Physical and Life Sciences: 7 - 8 semester credits  
*(one course from the life sciences and one course from the physical sciences, and at least one laboratory course)*

Humanities & Fine Arts: 9 semester credits  
*(at least one course selected from humanities and at least one course from the fine arts)*

Social and Behavioral Sciences: 9 semester credits  
*(courses selected from at least two disciplines)*

\*A college may require a greater number of general education hours than the model suggests, but consideration should be given to the total number of hours in the degree and the possibility that additional hours may not be accepted in transfer.

**Professional Education Component (3 - 9 semester credits)**

**Required:**

Introduction to Education (with a clinical component\*)

**One or two additional courses may be selected from the following:**

Educational Technology

Educational Psychology

Students with Disabilities in School

Development (*Colleges may use existing courses such as Child Development, Life Span Development, or Child or Adolescent Psychology, as long as the course includes the standards identified in the AAT Super Matrix and the model syllabus.*)

\*The clinical component should include field experiences in a variety of school settings. For students intending to pursue an AAT Secondary Mathematics degree, it would be appropriate for half the number of hours to be spent in a secondary mathematics environment. A variety of assignments and activities should be included, with artifacts and assessments documented. A minimum of 15 contact hours of field experience is required.

**Please note:** Additional field experience hours may be incorporated into other professional education coursework. A separate, one-hour course focusing solely on field experience activities may be included as well; however, students should be aware that such a course may not be transferable.

**Major Area Sequence\* (9 - 15 semester credits)**

Calculus I

Calculus II

Calculus III

Linear Algebra (*only if Calculus I is used to fulfill General Education requirements*)

**Total for the degree: 60 - 64 semester credits**

**AAT Form 20ED-M (Math):** see the Program Approval Manual for a specimen version of this form. AAT applications must be submitted using the current official AAT Form 20ED-M; these should be obtained from the course and curriculum contact at each community college.