

DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

MATHEMATICS FOR TRANSFER

ASSOCIATE IN SCIENCE

The Associate in Science in Mathematics for Transfer (AS-T) Degree is intended to meet the lower division requirements for Mathematics majors at a CSU campus that offers a Mathematics baccalaureate degree.

In addition to the courses listed below, the following additional requirements must be met for completion of the Associate in Science in Mathematics for Transfer:

1. Completion of 60 CSU-transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU-transferable coursework. (Some majors may require a higher GPA. Students should consult with a counselor for more information.)
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Completion of the California General Education Transfer Curriculum (Cal-GETC). The California State University General Education-Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

NOTE: Students are advised to check with the Counseling Department or Transfer Center for the courses accepted into the Mathematics major at the CSU where they seek transfer.

| Required Courses | | Units | N | IP | C |
|---|--|---|---|----|---|
| MATH 190/H | *Calculus I/*Honors | 4 | | | |
| MATH 191 | *Calculus II | 4 | | | |
| MATH 250 | *Calculus III | 4 | | | |
| <i>Please select one of the following options:</i> | | | | | |
| <u>OPTION 1:</u> | | | | | |
| <i>Complete both courses:</i> | | | | | |
| MATH 260 | *Linear Algebra | 4 | | | |
| MATH 270 | *Differential Equations | 4 | | | |
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| <u>OPTION 2:</u> | | | | | |
| <i>Complete one of the following:</i> | | | | | |
| MATH 251 | *Linear Algebra and Differential Equations | 5 | | | |
| MATH 260 | *Linear Algebra | 4 | | | |
| MATH 270 | *Differential Equations | 4 | | | |
| <i>And one of the following:</i> | | | | | |
| STAT C1000/H | *Introduction to Statistics/*Honors | 4 | | | |
| PHY 211 | *Physics for Scientists and Engineers - I | 4 | | | |
| | | | | | |
| Required Subtotal | | 20-21 | | | |
| Cal-GETC Pattern | | Varies | | | |
| Transferable Electives | | as needed to reach 60 transferable units | | | |
| Total units needed for Associate in Science | | 60 | | | |
| *Prerequisite/Corequisite | | | | | |
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