**Associate in Science in Mathematics for Transfer**

**Effective: Fall 2012 (Revised Fall 2020; Fall 2023; Fall 2024; Fall 2025)**

Students completing theAssociate in Science in Math for Transfer will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major.  Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors: https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx.

To earn an Associate Degree for Transfer, students must complete 60 semester units (or 90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

(1) Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned for each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).

(2) General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).

(3) Residency: A minimum of 12 units must be completed within the LACCD (Title 5 §55062).

**Courses taken outside of LA Pierce College must be evaluated to ensure they meet AD-T requirements.**

C= Completed IP = In Progress N = Need

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| **Required Courses** |  |  | **Units** | **C/IP/N** |
| MATH 261: Calculus I |  |  | 5 |  |
| MATH 262: Calculus II |  |  | 5 |  |
| MATH 263: Calculus III |  |  | 5 |  |
| College/Course/Exam: |  |  |  |  |
| **List A: Select one course from the following (3 units)** |  |  |  |  |
| MATH 270: Linear Algebra |  |  | 3 |  |
| MATH 275: Differential Equations |  |  | 3 |  |
| College/Course/Exam: |  |  |  |  |

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| **List B: Select one course from the following (3-5 units):** |  |

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| CS 114: Programming in C (Formerly Co SCI 539) |  |  | 3 |  |
| CS 116: Programming in C++ (Formerly CO SCI 575) |  |  | 3 |  |
| MATH 228B: Statistics Pathway Part II **OR**  STAT 101: Statistics for the Social Sciences **OR**  STAT C1000: Introduction to Statistics |  |  | 5  4  4 |  |
| PHYSICS 101: Physics for Engineers and Scientists I |  |  | 5 |  |
| College/Course/Exam: |  |  |  |  |
| **Total units required for the major** |  |  | **21-23** |  |

**Note: CSUN may require specific courses. If these courses are not completed at LA Pierce then they must be completed at CSUN**

**once you transfer. Check the CSUN ADT/STAR ACT Degree Roadmaps website for the most up-to-date information: https://catalog.csun.edu/resources/road-map/star-act/**

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| **Required General Education Plan** |

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| Cal-GETC  Grade of “C” or better required in each course. | 34 units |

**Note for Counselors – TMC Minimum Units**

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| **Course** | **TMC** **Units** | **Pierce Course Number** | **Pierce AD-T Units** |
| Calculus I | 4-5 | MATH 261 | 5 |
| Calculus II | 4-5 | MATH 262 | 5 |
| Calculus III | 4-5 | MATH 263 | 5 |
| Linear Algebra | 3-4 | MATH 270 | 3 |
| Differential Equations | 3-5 | MATH 275 | 5 |
| Physics | 4 | PHYSICS 101 | 5 |
| Total | 18-23 |  | 21-23 |

**Quarter Unit Value**

The following guidelines should be followed to apply quarter units to ADTs as specified in the TMC per the LACCD District Academic Senate ADT Reciprocity Guidelines:

1 quarter unit minimum = 1 semester unit

2 quarter units minimum = 2 semester units

4 quarter unit minimum = 3, 4 or 5 semester units