**Associate in Science in Biology for Transfer**

**Effective: Spring 2018 (Revised Fall 2020)**

Students completing theAssociate in Science in Biologyfor 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** |

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| --- | --- | --- | --- | --- |
| BIOLOGY 006: General Biology I |  |  | 5 |  |
| BIOLOGY 007: General Biology II |  |  | 5 |  |
| College/Course/Exam: |  |  |  |  |

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| **LIST A: Complete all courses (23-25 units)** |  |  |  |

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| --- | --- | --- | --- | --- |
| CHEM 101: General Chemistry I |  |  | 5 |  |
| CHEM 102: General Chemistry II |  |  | 5 |  |
| MATH 261: Calculus I |  |  | 5 |  |
| PHYSICS 006: General Physics I **AND**  PHYSICS 007: General Physics II  **OR**  PHYSICS 066: Physics with Calculus for Life Science Majors I **AND**  PHYSICS 067: Physics with Calculus for Life Science Majors II  **OR**  PHYSICS 101: Physics for Engineers and Scientists I **AND**  PHYSICS 102: Physics for Engineers and Scientists II |  |  | 4  4  5  5  5  5 |  |
| College/Course/Exam: |  |  |  |  |
| **Total units required for the major** |  |  | 33-35 |  |

**Note: CSUN may require specific courses from this AD-T and/or ASSIST.ORG. If these courses are not completed at LA Pierce, the remaining course(s) will have to be completed after transfer to CSUN. 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** | **Pierce Course Number** | **TMC Minimum Units** | **Pierce AD- T Units** |
| Biology Sequence for Majors | BIO 006 & 007 | 8 | 4-5 |
| Single Variable Calculus I – Early or Late Transcendentals | MATH 261 | 4 | 5 |
| Algebra/Trigonometry-Based Physics A and B | PHYSICS 066 &  PHYSICS 067 | 4  4 | 5  5 |
| Calculus-Based Physics for Scientist and Engineers: A and B | PHYSICS 101 &  PHYSICS 102 | 4  4 | 5  5 |
| **Total** |  | **29** | **33-35** |

**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