**Physics Transfer Model Curriculum** Rev. 8/7/2012

**CCC Major or Area of Emphasis**: Physics Template #2005

**CSU Major or Majors**: Physics or Physics Education

**Total units**: 24 - 27 *(all units are semester units)*

In the four columns on the right, enter the course identifier, course title and number of units of a course that is comparable to the course indicated for the TMC (in the far left column). If the course may be double-counted, put an X in the GE column.

The units indicated in the TMC are semester units – and they are minimum units. All courses must be CSU transferable. Where there is an indicated C-ID descriptor, you are certifying that your course is comparable.

<http://www.c-id.net/descriptors/view_final>

**No additional documentation is required for alignment with this TMC.**

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| --- | --- | --- | --- | --- | --- |
| **Physics Transfer Model Curriculum** | | **Associate in Science degree in**  **Physics for Transfer**  College Name:  Program Requirements | | | |
| **Course Title (units)** | **C-ID Designation** | **Course ID** | **Course Title** | **Units** | **GE** |
| **Required Core:** (24 units) |  |  |  |  |  |
| One of the following options (min.12 units)  **Option 1:** |  |  |  |  |  |
| Calculus-Based Physics for Scientists and Engineers: ABC (minimum 12) | PHYS 200 |  |  |  |  |
| **or Option 2:** |  |  |  |  |  |
| Calculus-Based Physics for Scientists and Engineers: A, B and C (minimum 12) | PHYS 205, PHYS 210 &  PHYS 215 |  |  |  |  |
| **AND**  one of the following options (12-15 units)  **Option 1:** |  |  |  |  |  |
| Calculus I (4-5) | Math 210 or 211 |  |  |  |  |
| Calculus II (4-5) | Math 220 or 221 |  |  |  |  |
| Calculus III (4-5) | Math 230 |  |  |  |  |
| **or Option 2:** |  |  |  |  |  |
| Single Variable Calculus Sequence (2 semester/3 quarters for ≥8 units) | Math 900S |  |  |  |  |
| Calculus III (4-5) | Math 230 |  |  |  |  |
| **Total Units for the Major:** | **24 – 27 (see note)** |  | **Total Units for the Major:** |  |  |
|  |  | **Total Units that may be double-counted:** | | |  |

**Note:** Keep in mind that you may not require more than 60 units for the entire degree. Students must be able to double-count courses for general education and the major.