ADT Submission Form for Physics CCC Major or Area of Emphasis: Physics

**TOP Code:** 190200

**UC Major(s):** Physics

**Total Units:** 40 *(all units are semester units)*

Form # 0001 Original:

08/02/2019

**This template is for the UC Transfer Pathway in Physics; it is not subject to the limitations set forth by SB 1440/ SB**

**440. The template guarantees admission into the University of California system in a Physics program for students who meet the minimum 3.5 GPA in the major.**

In the four columns to the right under the **College Program Requirements**, enter the college’s course identifier, title and the number of units comparable to the course indicated for the form. If the course may be double-counted with Cal-GETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to Chancellor’s Office Academic Affairs page. This template’s general education requirements presume completion of two courses in Area 3 and two courses in Area 4 after transfer to the University of California to complete an entire Cal-GETC pattern. This represents typical course taking patterns for the discipline.

The units indicated in the template are the **minimum** semester units required for the prescribed course or list. All courses must be UC transferable. ***All courses must be submitted to C-ID prior to completing the proposal for Chancellor’s Office approval.***

**Note:** Narrative needs to explain two deferred courses in Area 3 and two deferred courses in Area 4.

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| **Associate in Science in Physics for UC Transfer College Name:** |
| **UC TRANSFER PATHWAY (UCTP)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** |  **Cal-GETC** |
| **REQUIRED CORE:** (40 units) |  |  |
| General Chemistry for Science Majors Sequence A (10) | CHEM 120S |  |  |  |  |
| Calculus-based Physics for Scientists and Engineers: ABC (12)**OR**Calculus-based Physics for Scientists and Engineers: A ***and***Calculus-based Physics for Scientists and Engineers: B ***and***Calculus-based Physics for Scientists and Engineers: C ***and*** | PHYS 200S**OR**PHYS 205**AND**PHYS 210**AND**PHYS 215 |  |  |  |  |

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| **UC TRANSFER PATHWAY (UCTP)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** |  **Cal-GETC** |
| Single Variable Calculus Sequence ***and*** Multivariable Calculus**OR**Single Variable Calculus I – Early Transcendentals ***and***Single Variable Calculus II – Early Transcendentals ***and*** Multivariable Calculus**OR**Single Variable Calculus I – Late Transcendentals ***and***Single Variable Calculus II – Late Transcendentals ***and*** Multivariable Calculus | MATH 900SMATH 230MATH 210MATH 220MATH 230MATH 211MATH 221MATH 230 |  |  |  |  |
| Ordinary Differential Equations ***and***Linear Algebra**OR**Differential Equations and Linear Algebra | MATH 240MATH 250MATH 910S |  |  |  |  |
| **Cal-GETC General Education Requirements**(22 units) |  |  |

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| **UC TRANSFER PATHWAY (UCTP)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** |  **Cal-GETC** |
| Area 1A English Composition (3)Area 1B Critical Thinking and Composition (3)Area 1C Oral Communication (3)Area 3 Arts and Humanities (3)Area 4 Social and Behavioral Sciences (3)Area 5B Biological Sciences (4)Area 6 Ethnic Studies (3) \* *All units are based on the semester and indicated minimum units. The major must be a minimum of 18 semester units.**^One course in Cal-GETC Area 3 and One course in Cal-GETC Area 4 are to be completed after transfer.* |  |  |  |  |  |

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| **UC TRANSFER PATHWAY (UCTP)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** |  **Cal-GETC** |
| **Total Units for the Major:** | **40** | **Total Units for the Major:** |  |  |
|  |  **General Education (Cal-GETC) Units** |  **28** |
|  **Elective Units** |   |
| **Total Degree Units** |   **60** |