# **Los Angeles Mission College 23-24**

# **University of California Transfer Pathway (UCTP) Associate’s Degree in Physics**

The UCTP Associate’s Degree in Physics is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Physics. As with UC Pathways+, in order to secure an admission guarantee in Physics, students must:

* Complete the Transfer Pathway
* Meet or exceed the required campus-based TAG GPA (campuses vary in a range of 2.8 - 3.4 GPA minimums)
* Submit a TAG application by September 30, and
* Apply for admission by November 30.

In addition to the benefits of the UC Pathways+ option, students completing the UCTP Associate’s Degree in Physics will earn an AS degree from their respective community college. Note: UC does not require an [Associate’s Degree for transfer](https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/pathways-plus.html).

## **Transfer Requirements:**

Students receiving this transfer degree must meet the following requirements:

1. Completion of 60 UC transferable semester units with a minimum cumulative grade point average of 2.0; a minimum of 12 units must be completed at Los Angeles Mission College. **Important**: the minimum 2.0 gpa is the minimum required for the degree but will NOT meet UC admission requirements.
2. Completion of the following curricular requirements:
   1. The Intersegmental General Education Transfer Curriculum (IGETC) Areas indicated below with a minimum grade of “C” in each course or a grade of “P” if the general education course is taken on a “P/NP” basis.
   2. The major requirements listed below with a minimum grade of “C” in each course. Major courses may not be taken on a “P/NP” basis.

**Important UC admission information:** For guaranteed admission to a UC campus and major, students may be required to complete the UC campus Transfer Admission Guarantee (TAG) for Physics. Students should meet with their counselor for specific requirements and conditions.

## **Required Courses: 46 Units**

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| --- | --- | --- | --- | --- | --- |
| Course | Title | Units | Grade | IP | Need |
| CHEM 101 | General Chemistry I | 5 |  |  |  |
| CHEM 102 | General Chemistry II | 5 |  |  |  |
| MATH 261 | Calculus I | 5 |  |  |  |
| MATH 262 | Calculus II | 5 |  |  |  |
| MATH 263 | Calculus III | 5 |  |  |  |
| MATH 270 | Linear Algebra | 3 |  |  |  |
| MATH 275 | Differential Equations | 3 |  |  |  |
| PHYSICS 37 | Physics for Engineers and Scientists I | 5 |  |  |  |
| PHYSICS 38 | Physics for Engineers and Scientists II | 5 |  |  |  |
| PHYSICS 39 | Physics for Engineers and Scientists III | 5 |  |  |  |

Total Units for the major: 46

**Note on IGETC:** The remaining IGETC requirements of two courses in Area 3 and two courses in Area 4 to be completed after transfer to the University of California to complete the entire IGETC pattern**.**