

**Los Angeles Mission College 21-22**  
**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>

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:
  - (A) 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.
  - (B) 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)**

		UNITS	GRADE	IP	NEED
CHEM 101	General Chemistry I	5			
CHEM 102	General Chemistry II	5			
MATH 265	Calculus I	5			
MATH 266	Calculus II	5			
MATH 267	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.**

IGETC	Grade	IP	Need
<b>General Education Requirements</b>			
Area 1A: Freshman Composition (one course, 3 units minimum)			
Area 1B: Critical Thinking (one course, 3 units minimum)			
Area 3: Art and Humanities (one course, 3 units minimum)			
Area 4: Social/Behavioral Sciences (one course, 3 units minimum)			
Area 5B: Biological Science (one course, 4 units minimum)			
Area 6A: Language Other Than English (one course, 5 units)			