



PHYSICS

Associate in Science Degree for UC Transfer

Program Code 2S43037

State Approved 12/21/2022

Effective Term: FALL 2023

Physics Associate in Science Degree for UC Transfer, also called the Physics AS-UCT Degree, prepares students to transfer to UC campuses that offer bachelor's degrees in Physics. This degree aligns with the UC Transfer Pathway (UCTP). The Physics AS-UCT provides valuable quantitative and problem-solving skills that are in demand by employers hiring, e.g., lab technicians, or in a variety of fields such as manufacturing and education. Of people who obtain a terminal bachelor's degree in physics, about half work in industry, in fields such as aerospace, military, software, and electronics. Transfer Agreement Guarantee (TAG) students completing this degree are guaranteed admission to the UC system, but not necessarily to a particular UC campus or major of their choice. In addition to completing the coursework and IGETC courses for this degree, students must meet the specified requirements as state in the TAG and achieve a cumulative minimum grade point average of 3.5 in the major. This degree requires 40 units in the major, in addition to other graduation requirements.

Note: It is strongly recommended that students meet with a Fullerton College counselor to review the AS-UCT requirements.

To receive your AS-UCT degree, you will need to complete a Fullerton College graduation application and turn it in to Admissions and Records by the graduation application deadline.

Legend: C - Completed IP - In Progress R - Remaining

Course ID	Course Title	Units	*C-ID	CSU GE	IGETC	C	IP	R
Required Courses – 40 units:								
CHEM 111AF	General Chemistry I	5	CHEM 120S	B1 + B3	5A + 5C			
CHEM 111BF	General Chemistry II	5	CHEM 120S	B1 + B3	5A + 5C			
PHYS 221 F	General Physics I	4	PHYS 205	B1 + B3	5A + 5C			
PHYS 222 F	General Physics II	4	PHYS 210	B1 + B3	5A + 5C			
PHYS 223 F	General Physics III	4	PHYS 215	B1 + B3	5A + 5C			
MATH 151 F	Calculus I	4	MATH 210	B4	2A			
or MATH 151HF	Honors Calculus I	4	MATH 210	B4	2A			
MATH 152 F	Calculus II	4	MATH 220	B4	2A			
or MATH 152HF	Honors Calculus II	4	MATH 220	B4	2A			
MATH 251 F	Multivariable Calculus	4	MATH 230	B4	2A			
MATH 252 F	Linear Algebra and Differential Equations	4	MATH 910S	B4	2A			
and MATH 253 F	Additional Topics in Linear Algebra	2	MATH 910S	---	---			
or MATH 255 F	Linear Algebra	3	MATH 250	B4	2A			
and MATH 260 F	Ordinary Differential Equations	3	MATH 240	B4	2A			
General Education Requirements								
In addition to the required coursework, 16-20 units of Intersegmental General Education Transfer Curriculum (IGETC) must be completed.								
Area 1A Freshman Composition (3 units)				A2	1A			
Area 1B Critical Thinking (3 units)				A3	1B			
Area 3 Arts and Humanities (3 units)				C1/C2	3A/3B			
Area 4 Social and Behavioral Science (3 units)				D	4			
Area 5B Biological Science (4 units)				B2	5B			
Area 6 Language Other than English (0-4 units)				---	6A			
Total Units		40						

Revised 7/2023 KT

*C-ID refers to Course Identification Numbering System and provides common course numbers that are recognized by California Community Colleges and the CSU for increased transferability (<https://c-id.net>).