

Last updated 04/02/12. The information in this guide is based on articulation agreements for 2011-12 and is subject to change. The universities may require additional lower division courses beyond those listed or articulated. Please review a current catalog of the campus of your choice and consult with a counselor. The most recent articulation information is available at www.assist.org.

In addition to the universities listed below, Physics majors are offered at CSU Bakersfield, Channel Islands, Dominguez Hills, Fresno, Fullerton, Long Beach, Los Angeles, Northridge, Pomona, San Bernardino, San Diego, San Luis Obispo, San Marcos, Stanislaus and UC Irvine, Merced, and Riverside. See www.assist.org or campus catalogs for information.

SRJC COURSES	PHYSICS	MATH	CHEMISTRY	NOTES
CSU CHICO <i>B.S. Degree</i>	PHYS 40, 42, 41+43	MATH 1A, 1B, 1C, 2	CHEM 1A,1B or 4A,4B	<u>General Option</u> : add BIO 2.1, 2.2+2.3; GEOL 1/1L. <u>Professional Physics Option, Applied Physics Pattern</u> : add ENGR 16 & 45. This major has modifications to GE and a 12-unit breadth requirement – see current CSUC catalog.
CSU EAST BAY <i>B.A. or B.S. Degree</i>	PHYS 40+41+42+43	MATH 1A+1B+1C, 5	CHEM 1A+1B or 4A+4B	<u>B.A. Physics Education Option</u> : take CHEM 42 or 60; add BIO 10.
HUMBOLDT STATE <i>B.A. Degree</i>	PHYS 40+41+42+43 or 20/20L+21/21L*	MATH 1A, 1B, 1C, 5	CHEM 1A+1B or 4A+4B	* If choosing PHYS 20/20L+21/21L, students will be required to take additional physics courses at HSU.
<i>B.S. Degree</i>	40+41+42+43	1A, 1B, 1C, 5	1A+1B or 4A+4B	
CSU SACRAMENTO <i>B.A. or B.S. Degree</i>	PHYS 40, 41, 42	MATH 1A, 1B, 2**	CHEM 1A,1B or 4A,4B	** MATH 1C articulation has been requested. Check www.assist.org for the latest articulation approvals. <u>B.A. Teacher Prep</u> : add ASTRON 3, GEOL 1/1L; requires CSUS BIO 1, but bio courses articulated as a series.
SAN FRANCISCO <i>B.A. or B.S. Degree</i>	PHYS 40, 41, 42	MATH 1A, 1B, 1C		<u>B.S. degree</u> : add MATH 2+5. <u>Both majors</u> : ENGL 1B or 5 = prerequisite to upper division writing requirement for graduation.
SAN JOSE STATE <i>B.A. Degree</i>	PHYS 40, 41, 42	MATH 1A, 1B, 1C, 2*	CHEM 1A+1B or 4A+4B	* Transfer students will receive <u>content</u> credit for these math courses, but not upper division credit.
<i>B.A. Teacher Prep.</i>	40, 41, 42	1A, 1B, 1C	1A+1B or 4A+4B	BIO 12 = supporting course for B.A. Teacher Prep.
<i>B.S. Degree</i>	40, 41, 42	1A, 1B, 1C, 2*, 5*	1A+1B or 4A+4B	All majors: ENGL 1B or 5 or PHIL 5 or SPCH 9 = prereq to upper div writing. 2 PE courses in two different activities required for graduation.
SONOMA STATE <i>B.S. Degree</i>	PHYS 40+41+42	MATH 1A, 1B, 1C, 2+5*	CHEM 1A,1B or 4A,4B	* <u>B.S. Applied Physics concentration</u> : MATH 2+5 not required.
<i>B.A./Advisory Plan C</i>	40+41+42	1A, 1B, 1C	None	<u>Advisory Plan C</u> : add CS 10.
<i>B.A./Advisory Plan T</i>	20/20L, 21/21L	27 or 25+58	None	
UC BERKELEY <i>B.A. Degree</i>	PHYS 40+41+42+43	MATH 1A, 1B+1C, 2+5		Recommended: CHEM 1A,1B or 4A,4B or a substantial high school course. Those not familiar with a computer programming language are urged to include an introductory course in computer science. Complete either IGETC or L&S requirements in Reading & Composition, Quantitative Reasoning, and Foreign Language by the end of the spring term preceding fall enrollment at UCB.
UC DAVIS <i>A.B. Degree</i>	PHYS 40, 41, 42, 43	MATH 1A, 1B, 1C, 2, 5	None	
<i>B.S. Degree</i>	40, 41, 42, 43	1A, 1B, 1C, 2, 5	CHEM 1A or 4A	B.S. degree: add CS 10; CHEM 1B or 4B recommended. <u>Astrophysics emphasis</u> : add CS 11.
UCLA <i>B.A. or B.S. Degree</i>	PHYS 40+41+42+43	MATH 1A, 1B, 1C, 2, 5	CHEM 1A or 4A	Complete at least one year of calculus & one year of physics (mechanics, electricity & magnetism). All prep courses must be taken for a letter grade and completed by the spring term prior to transfer.
UC SAN DIEGO <i>B.A. Degree</i>	PHYS 40, 41, 42, 43	MATH 1A, 1B, 1C, 2, 5	CHEM 1A+1B or 4A+4B	B.A. degree: add CS 12; BIO 2.1+2.2+2.3 is option to CHEM. For B.A. Secondary Ed, see www.assist.org .
<i>B.S. Degree</i>	40, 41, 42, 43	1A, 1B, 1C, 2, 5	1A or 4A	B.S. degree: see www.assist.org for specializations.
UC SANTA BARBARA <i>B.A. or B.S. Degree</i>	PHYS 40+41+42+43	MATH 1A, 1B, 1C, 2+5	CHEM 1A+1B or 4A+4B	
UC SANTA CRUZ <i>B.S. Degree</i>	PHYS 40+41+42	MATH 1A, 1B, 1C MATH 2 & 15 recommended		<u>Physics Education</u> : add MATH 15. Students who have completed a course in multi-variable calculus must consult with the UCSC undergrad Math advisor, and a course in heat, thermodynamics & kinetics within an introductory physics series must submit syllabi and course descriptions to the UCSC Physics Undergraduate Advisor.