

Transfer Guide Santa Clara Univ. - Lower Division Major Preparation

Students must possess a high school diploma (or equivalent) and complete 8 semester units prior to transfer. Completing courses does not guarantee admission, but does help maximize your opportunities for selection. It is not expected that transfer students to these majors will have full completion of all G.E. requirements. *Students are strongly encouraged to meet with a Cabrillo counselor to prepare an individual education plan.* GPA target for engineering is 3.5.

	Physics	Chemistry	Calculus/Diff. Eq./Lin Alg.	Intro to Engr	Statics	Comp Prog/Other	Electrical Circuits	Materials	Graphics
Bioengineering ²	4ABC	CHEM 1A,1B, 12A/L, 12B/L	MATH 5ABC, 7	Engr 5 (optional)		ENGR 30	ENGR 15		ENGR 25
Civil Engr ³	4ABC	CHEM 1A	MATH 5ABC,7	Engr 5 (optional)	ENGR 35	ENGR 30	ENGR 15	ENGR 45	ETECH 24
Computer Science & Engr	4ABC	CHEM 1A	MATH 5ABC6,7, Math/CS 23	Engr 5 (optional)		CIS 31, 32 or CS 19 CS 21 ENGR 30	ENGR 15		
Electrical Engr ⁴	4ABCD	CHEM 1A	MATH 5ABC,7	Engr 5 (optional)	ENGR 35	ENGR 30 & CS 21	ENGR 15		
General Engr	4ABC	CHEM 1A	MATH 5ABC,7	Engr 5 (optional)	ENGR 35	CIS 31, 32, or CS 19	ENGR 15	ENGR 45	ENGR 25
Mechanical Engr	4ABC	CHEM 1A	MATH 5ABC,7	Engr 5 (optional)	ENGR 35	ENGR 30	ENGR 15	ENGR 45	ENGR 25
Web Design and Engr	1	CHEM 1A recommended	MATH 5ABC	Engr 5 (optional)		CIS 31, 32, or CS 19			

General Education Admission Requirements

Two English Composition Courses (Engl 1A and Engl 2, Engl 1B, or Philosophy 49)

Santa Clara only accepts UC transferable courses.

More information at: <http://www.scu.edu/studentrecords/transferguides/index.cfm>

Notes:

1. Choose one course from: Anthropology1/1L or 1H/1L; Astronomy3/8A, 4/8A; Biology1A, 1B, 1C, 4, 5, 6, 11A, 11B, 11C, 13A/13AL; Chemistry 1A, 1B, 2, 5, 10, 12A/L, 12B/L; Geography 1/L; Geology10, 20; Meteorology1/1L; Oceanography10; Physics2A, 2B, 4A, 4B, 4C, 4D, 10/10L, 11.
2. Take Bio 1A and Bio 1B (If pursuing Medical-device track take Bio 1B and Bio 1C)
3. Take Engr 1A (Surveying)
4. Take Math 6 or Bio 1B