

Degree Engineering – CSU Pattern AA AS AA-T AS-T COA>18 units COA<18 units JSC

Discipline faculty working on degree pathway draft Jason Dixon

Student affairs person working on degree pathway draft Cynthia Quintanilla

Department approval date _____

GEN ED Pathway IGETC (UC pathway) CSU Breadth BC Gen Ed

Certificates and Job Skills do not need General Education

Please enter the course name and number for your specific discipline courses. Gen Ed courses can just be suggested by area of emphasis or just as CSU Gen Ed course.

	First Semester	Gen Ed.	Units
Math B6a		B4	4
*Chem B1a		B1/B3	5
English B1a		A2	3
Engr B47			2
	Total		14

	Second Semester	Gen Ed.	Units
Math B6b			4
Physics B4a			4
Comm B1		A1	3
Engr. B19c			3
	Total		14

	Third Semester	Gen Ed.	Units
Math B6c			4
Physics B4b			4
**Phil B7		A3	3
Pols B1		D	3
Phil B6a or Phil B10		C2	3
	Total		17

	Fourth Semester	Gen Ed.	Units
Math B6d			3
Engr. B17			3
Art B4		C1	3
Hist B17a or B17b		D	3
Econ B1 or B2		D	3
	Total		15

Complete additional transfer coursework listed on **Assist.org** for each school interested in for transfer (choose at least three campuses). Transfer campuses may want additional Math, Physics, or Engineering courses prior to transfer to be competitive for admission, which may add additional time to your program.

Website Link for Transfer to California schools: www.assist.org Check Assist.org often and your transfer school's website for changes and updates.

Engineering Core requirements used, see Engineering Counselor for a more specific plan based on your Engineering emphasis and transfer schools. Three more GE courses needed to complete all CSU GE requirements prior to transfer (Area B2, C, and E).

*Chem B1a has a prerequisite of Chem B2a, or Chem in H.S. w/ "C" or better, Math B70, or 2yrs. of H.S. Algebra, and Reading level 5 or above.

**Area A3(Critical Thinking) may be waived or taken after transfer for Engineering majors at many CSU campuses. <http://www.calstate.edu/sas/casper> (*Click on High Units majors with authorized exemptions*) Many CSUs do require (A3), and all UCs require it (Critical Thinking 1B)

Students need to understand the importance of maintaining a high g.p.a. for this competitive major.