



ENGINEERING

Transfer Major Advisement for CSU Fullerton

SAC COURSES	ELECTRICAL	CIVIL ¹	MECHANICAL ¹	COMPUTER
BIOLOGY 109, FUNDAMENTALS	●	●		●
MATHEMATICS 180, CALCULUS	●	●	●	●
MATHEMATICS 185, CALCULUS	●	●	●	●
MATHEMATICS 280, INTERMEDIATE CALCULUS	●	●	●	●
MATHEMATICS 290, LINEAR ALGEBRA	●	●	●	●
MATHEMATICS 295, BEGINNING DIFFERENTIAL EQUATIONS	●	●	●	●
CHEMISTRY 209, INTRODUCTORY	●	●		
CHEMISTRY 219, GENERAL CHEMISTRY			●	
CHEMISTRY 229, GENERAL CHEMISTRY/QUALITATIVE ANALYSIS		2		
PHYSICS 217, ENGINEERING PHYSICS I	●	●	●	●
PHYSICS 227, ENGINEERING PHYSICS II	●	●	●	●
PHYSICS 237, ENGINEERING PHYSICS III	●		4	●
ENGINEERING 154, AEC & AUTOCAD		●		
ENGINEERING 235, STATICS		●	●	
ENGINEERING 240, DYNAMICS		●	●	
ENGINEERING 250, ELECTRIC CIRCUITS	●	2	●	●
ENGINEERING 250L, ELECTRIC CIRCUITS LAB	●			●
OTHER		2		3

● = SAC course meets this requirement.

- 1 CSUF offers a Civil Engineering degree with an emphasis in Architectural Engineering. A degree in Mechanical Engineering with an emphasis in Manufacturing is also offered.
- 2 14 units of technical electives are required. Chemistry 229 and Engineering 250 may be applied toward technical electives with CSUF advisor approval.
- 3 Add Computer Science 121, 131, and 141 (students may choose a one unit option at CSUF in place of 141).
- 4 Take Physics 237 or select a one unit Physics course at CSUF.

NOTES:

This Engineering transfer grid compares SAC course offerings in mathematics, science, and engineering with major lower-division engineering requirements for various options at selected universities. Please be aware this information is intended as a guide only. The student should verify all information with the transfer university and www.assist.org.

Computer Science requirements are continually changing. Check with SAC counseling or engineering faculty for current information.

See www.assist.org for general education requirements for all Engineering majors. SAC's "Plan B" or "Plan C" will also fulfill these GE requirements.

The major preparation listed above ONLY includes courses for which articulation exists. This information is based upon university course articulation and catalog information available at the time of publication. It is to be used as a guide for lower division preparation for the major and not as an official document. **It is the student's responsibility to check the current catalog and articulation for any additional course requirements, or for any changes which may occur. Students are advised to consult with a SAC counselor. Additional articulation information can be obtained at www.assist.org. (01/09)**