



# ENGINEERING

## Transfer Major Advisement for UC Irvine

SAC COURSES	AEROSPACE	CHEMICAL	COMPUTER	ENVIRONMENTAL	ELECTRICAL	CIVIL	MATERIALS SCIENCE	MECHANICAL	GENERAL	BIOMEDICAL	BIOMED: PREMED
MATHEMATICS 180, CALCULUS	●	●	●	●	●	●	●	●	●	●	●
MATHEMATICS 185, CALCULUS	●	●	●	●	●	●	●	●	●	●	●
MATHEMATICS 280, INTERMEDIATE CALCULUS	●	●	●	●	●	●	●	●	●	●	●
MATHEMATICS 290, LINEAR ALGEBRA	●	●	●	●	●	●	●	●	●	●	●
MATHEMATICS 295, BEG DIFFERENTIAL EQUATIONS	●	●	●	●	●	●	●	●	●	●	●
CHEMISTRY 219, GENERAL CHEMISTRY	●	●		●	●	●	●	●		●	●
CHEMISTRY 229, GENERAL CHEMISTRY/QUALITATIVE	2	●		●		●	●	2		●	●
CHEMISTRY 249, ORGANIC CHEMISTRY I		●		●							●
CHEMISTRY 259, ORGANIC CHEMISTRY II		●									●
COMPUTER SCIENCE 121, PROGRAMMING CONCEPTS	●	●	●	7	●	7	●	●	●	7	7
PHYSICS 217, ENGINEERING PHYSICS I	●	●	●	●	●	●	●	●	●	●	●
PHYSICS 227, ENGINEERING PHYSICS II	●	●	●	●	●	●	●	●	●	●	●
PHYSICS 237, ENGINEERING PHYSICS II	●		●		●		●	●		●	●
ENGINEERING 235, STATICS	●			●		●	●	●			
ENGINEERING 250, ELECTRIC CIRCUITS	●		●		●			●		●	
ENGINEERING 281, PROPERTIES/ENGINEERING MATERIALS	●	●			●		●	●			
OTHER	1, 2	1	1, 3, 4	1, 5	1	1	1, 5, 6	1, 2, 5	1	1, 9	1, 8

● = SAC course meets this requirement.

- 1 Students are encouraged to complete as many of the lower division degree requirements as possible prior to transfer. Transfer students who enroll at UCI in need of completing lower division course work may find that it will take longer than two years to complete their degrees.
- 2 Take Biology 211 or Chemistry 229.
- 3 Add Computer Science 112, 119 and 131.
- 4 Above is for Computer Engineering. For Computer Science and Engineering, Computer Science 119, Math 295 and Physics 237 are not required.
- 5 Add Engineering 103 or 125 or 154. 103 and 154 are for subject credit only, no UC transfer credit.
- 6 Add one course from: Biology 211, Chemistry 249, Math 219.
- 7 Take Computer Science 112 or 121.
- 8 Add Biology 211 or (212 or 214).
- 9 Add Math 219.

### NOTES:

This Engineering transfer grid compares SAC course offerings in mathematics, science, and engineering with major lower-division engineering requirements for various options at UCI. Please be aware this information is intended as a guide only. The student should verify all information with the transfer university. The UCI Henry Samueli School of Engineering can be reached at (949) 824-4334.

Admission preference will be given to junior-level applicants with the highest grades overall, and who have satisfactorily completed specific coursework. See [www.assist.org](http://www.assist.org) for additional information.

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](http://www.assist.org). (01/09)**