

LOWER DIVISION ENGINEERING UCD COURSES	LOWER DIVISION TRANSFER COURSES	AERO	BIO- SYS	BIOMED ENGR	CHEM	BIOCHEM	CHEM/ MATLS	CIV	COMP AS	COMP ENGR	ELEC	ELEC/ MATLS	COMP SCI ENGR+	MTL SCI	MECH	MECH/ MATLS	OPTICAL SCI
Math 21A, B, C, D	Math 5A 5B 5C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Math 22A	Math 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Math 22B	Math 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Chem 2A	Chem 1A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Chem 2B	Chem 1A, B	X	X	X	X	X	X	X	--	--	--	X	--	X	X	X	--
Chem 2C	Chem 1B	--	--	X	X	X	X	--	--	--	--	--	--	--	--	--	--
Chem 8A	NEC	--	#+	X‡	--	--	--	--	--	--	--	--	--	--	--	--	--
Chem 8B	NEC	--	#+	X‡	--	--	--	--	--	--	--	--	--	--	--	--	--
Chem 128A,B; 129A	Chem 12A, B AL	--	#+	X‡	X	X	X	--	--	--	--	--	--	--	--	--	--
Physics 9A	Physics 4A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Physics 9B	Physics 4C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Physics 9C	Physics 4B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Physics 9D	Physics 4D	X	--	X	--	--	--	O	X	X	X	X	X	X	X	X	X
ENG 4	Engr 25	X	--	--	--	--	--	--	--	--	--	--	--	--	X	X	--
ENG 6	NEC	X~	X*	X~	--	--	--	X~	--	X	X	X	--	X~	X~	X~	--
ENG 17	Engr 15	X	X	X	--	--	--	X	X	X	X	X	X	X	X	X	X
ENG 35	Engr 35	X	X	X	--	--	--	X	--	--	--	X	--	X	X	X	--
ENG 45	Engr 45	X	--	--	X	--	X	X	--	--	--	X	--	X	X	X	X
ECl 10	Engr 1A	--	#+	--	--	--	--	#	--	--	--	--	--	--	--	--	--
ECl 19	NEC	--	--	--	--	--	--	--	#	--	--	--	--	--	--	--	--
ECM5	NEC	--	--	--	#	#	#	--	--	--	--	--	--	--	--	--	--
ECM 6	NEC	--	--	--	#	#	#	--	--	--	--	--	--	--	--	--	--
ECS 20	CS 23 or Math 23	--	--	--	--	--	--	--	X+	X	--	--	X	--	--	--	--
ECS 30	CS 11 or 12J	X~	X*	X~	--	--	--	X~	X	X	X	X	X	X~	X~	X~	X
ECS 40	CS 19	--	--	--	--	--	--	--	X	X	X	X	X	--	--	--	--
EEC70/ECS 50	CS 24	--	--	--	--	--	--	--	X+	X	X	X	X	--	--	--	--
EBS 1	NEC	--	#	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EBS 75	NEC	--	#	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EME 50	NEC	--	--	--	--	--	--	--	--	--	--	--	--	--	#	#	--
EAD 1	NEC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	#
EAD 2	NEC	--	--	--	--	--	--	--	#	--	--	--	--	--	--	--	--
ECH 51	NEC	--	--	--	#	#	#	--	--	--	--	--	--	--	--	--	--
ECH 80	NEC	--	--	--	#	#	#	--	--	--	--	--	--	--	--	--	--
*UWP 1 or English 3	Engl 1A or 1AMC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Communication 1 or 3	Engl 1B or 1BMC	X	X	X	--	--	--	X	X	X	X	X	X@	X	X	X	X
Bio. Sci. 1A	Comm 1 or 7	--	X	X	--	X	--	--	--	--	--	--	--	--	--	--	--
Bio. Sci. 1B	Bio 1A	--	#	O	--	--	--	--	--	--	--	--	--	--	--	--	--
Bio. Sci. 1C	Bio 1B	--	#	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bio 1C	--	#	--	--	--	--	--	--	--	--	--	--	--	--	--	--

X=REQUIRED FOR ADMISSIONS

#=REQUIRED FOR GRADUATION

O=RECOMMENDED

**PLEASE REFER TO PAGE 2 FOR IMPORTANT INFORMATION ON TRANSFER ADMISSION REQUIREMENTS.**

The community college courses listed will be accepted toward meeting the lower division requirements in Engineering. Acceptance is based upon analysis of courses in effect for the 2006-2007 academic year and may be subject to change in subsequent years. Contact your counselor or the UCD College of Engineering Undergraduate Office, (530) 752-1979 or consult <http://engineering.ucdavis.edu/>, if you have any questions.

When there are more applicants than spaces available, priority is given to transfers from California community colleges who have completed the required lower division courses available at the student's community college and who have a minimum overall GPA of 3.10.

\*The College of Engineering requires one English course as part of its lower division preparation. However, the University requires two courses in English composition for admissions eligibility. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office if you have any questions.

**IGETC:** The College of Engineering strongly discourages the use of IGETC. Although completing IGETC satisfies the campus' General Education Requirements, it does not cover the full set of GE courses specified for the College of Engineering. All Engineering students are required to complete two upper division GE courses at UC Davis.

### Comments:

X~ Required for admissions. Students must complete **one** programming course in a higher level language, intended for students majoring in engineering, physical sciences or mathematics.

X\* Required for admissions for Biological Systems Engineering majors only. Students must complete the equivalent of either course ENG 6 or ECS 30. ENG 6 or equivalent is required for graduation.

X‡ Required for admissions for Biomedical Engineering. Students must complete the equivalent of CHE 8A-B or CHE 128A-B, 129A.

X+ Required for admissions for Computational Applied Science majors. Students must complete the equivalent of ECS 20 or EEC 70/ECS 50.

+ We recommend that Computer Science and Engineering majors have an exposure to UNIX prior to transfer.

X@ Communications 1 is required for admission for Computer Science and Engineering majors only. No credit will be allowed for Communications 3.

#+ Required for graduation for Bio Systems Engineering majors only. Students must complete the equivalent of course CHE 8A or CHE 128A and courses CHE 8B, CHE 128B and CHE 129A or ECI 10.