

CCS CHEMISTRY and BIOCHEMISTRY MAJOR, B.S. 2017-18

CHEMISTRY TRACK

LOWER DIVISION

SUBJECT	COURSES	UNITS
General Chemistry	CHEM 1A, 2A or CCS 103A; 1B,2B or 103B; 1C, 2C or 103C	9
General Chemistry Lab	CHEM 1AL, 1BL or 2BC, 1CL or 2CC	6
Mathematics	MATH 3A, 3B, 4A, 4B, 6A	20
Physics	PHYS 1, 2, 3, 4	14
Physics Lab	PHYS 3L, 4L	2
Organic Chemistry	CHEM 109A or 109AH, 109B or 109BH, 109C or 109CH	12
Organic Chemistry Lab	CHEM 6AL, 6BL or 6BH, 6CL or 6CH	9

UPPER DIVISION

SUBJECT	COURSES	UNITS
Physical Chemistry	CHEM 113A, 113B, 113C	12
Biochemistry	CHEM 142A	3
Analytical Chemistry	CHEM 150	3
Analytical/Physical/Inorganic Lab	CHEM 116AL, 116BL, 116CL	9
Inorganic Chemistry	CHEM 173A, 173B	6
Upper Division Chemistry Electives*	CHEM 102, 183, 184, 192, 193, 196, 199 will not apply. No more than one from CHEM 110 or CCS 110, 123, 149	12

*Chemistry electives may be completed in other departments with faculty advisor approval.

MAJOR REGULATIONS

PREREQUISITES	Check the General Catalog for the prerequisites to all listed courses.
P/NP or P/NR GRADING OPTION	Not allowed for any major course including courses applied to the major from other departments except for CCS Chem/Biochem courses.
SUBSTITUTIONS	Substitutions in the major requirements permissible only with prior faculty advisor approval.
G.P.A REQUIREMENTS	At least 2.0 overall UC average in all upper-division major courses and all courses required for the major, including courses in excess of minimum requirements.
DOUBLE MAJORS	Up to a total of 8 units may be applied simultaneously to both UD majors.
GENERAL EDUCATION	Please check the <i>UCSB General Catalog</i> for list of CCS general education requirements.