

CHEMISTRY

Computerized prerequisite verification is required to enroll in Chemistry.

CHEM 1A General Chemistry I

Covers general chemical principles including structure of matter, chemical equations and bonding, gases, solutions, periodic law, acids and bases, and chemical equilibrium. Prerequisite: CHEM 2 or equivalent or high school chemistry with grade "B" or better AND MATH 152 or equivalent.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65246	TTH	11:10AM-12:30PM	5.00	J.Blaustein	612
&	TTH	08:00AM-11:05AM		J.Blaustein	614
65247	TTH	11:10AM-12:30PM	5.00	J.Blaustein	612
&	TTH	02:30PM-05:35PM		J.Blaustein	614
65248	MW	12:40PM-02:00PM	5.00	A.Romero	612
&	MW	08:00AM-11:05AM		A.Romero	614
65249	MW	12:40PM-02:00PM	5.00	A.Romero	612
&	MW	02:30PM-05:35PM		A.Romero	614

CHEM 1B General Chemistry II

Covers general chemical principles including organic chemistry, chemical kinetics, equilibrium, acid/base chemistry, thermochemistry, thermodynamics, electrochemistry, structure, properties of transition metals and nuclear chemistry. Prerequisite: CHEM 1A.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65250	TTH	12:40PM-02:00PM	5.00	C.Vogel	615
&	TTH	08:00AM-11:05AM		C.Vogel	606
65251	TTH	12:40PM-02:00PM	5.00	C.Vogel	615
&	MW	11:10AM-02:15PM		C.Vogel	606
65252	TTH	12:40PM-02:00PM	5.00	C.Vogel	615
&	TTH	02:30PM-05:35PM		C.Vogel	606

CHEM 2 Introductory Inorganic Chemistry

Covers fundamental principles of inorganic chemistry. Prerequisite: MATH 152.

Transfer Credit: CSU; UC with conditions: No credit if taken after CHEM 1A.

Section	Days	Times	Units	Instructor	Room
65253	TTH	02:30PM-03:50PM	4.00	S.Suzuki	615
&	T	11:15AM-02:20PM		S.Suzuki	606
65254	TTH	02:30PM-03:50PM	4.00	S.Suzuki	615
&	TH	11:15AM-02:20PM		S.Suzuki	606
65255	TTH	02:30PM-03:50PM	4.00	S.Suzuki	615
&	W	02:30PM-05:35PM		S.Suzuki	606
65256	MW	06:00PM-08:50PM	4.00	M.McCarthy	606

CHEM 12B Organic Chemistry II

Covers mechanisms, synthesis and spectroscopy of aliphatic and aromatic alcohols, amines, carbonyl and carboxyl compounds, carbohydrates and proteins. Prerequisite: CHEM 12A.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65243	TTH	12:40PM-02:00PM	3.00	J.Camara	828

CHEM 12BL Organic Chemistry Laboratory II

Presents multi-step synthesis and identification of unknown mixtures including chemical, physical and spectroscopic studies of aliphatic and aromatic alcohols, aldehydes, ketones, acids and other classes of organic compounds. Prerequisite: CHEM 12AL. Hybrid Requisite: Completion of or concurrent enrollment in CHEM 12B.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65244	TTH	08:00AM-11:05AM	2.00	J.Camara	607
65245	TTH	02:30PM-05:35PM	2.00	J.Camara	607

CHEM 30A Inorganic Chemistry for Health Occupations

Covers chemical concepts such as atomic structure, acids and bases, salts, buffers, electrolyte systems and nuclear chemistry. Prerequisite: MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
65257	MW	08:00AM-09:20AM	4.00	J.Blaustein	615
&	M	11:10AM-02:15PM		S.Suzuki	607
65258	MW	08:00AM-09:20AM	4.00	J.Blaustein	615
&	W	11:10AM-02:15PM		S.Suzuki	607
65259	MW	08:00AM-09:20AM	4.00	J.Blaustein	615
&	T	11:15AM-02:20PM		A.Romero	607
65260	S	09:00AM-12:05PM	4.00	J.Rosenthal	614
&	S	12:45PM-03:50PM		J.Rosenthal	614
65261	MW	06:00PM-08:50PM	4.00	C.Fink	614
65262	TTH	06:00PM-08:50PM	4.00	R.Goldbeck	Wat4520

CHEM 30B Introductory Organic Chemistry and Biochemistry for Health Occupations

Presents a survey of the major classes of organic and biochemical compounds as they relate to the chemistry of life processes. Prerequisite: CHEM 30A or CHEM 2 or High School Chemistry.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
65263	MW	08:00AM-10:50AM	4.00	J.Camara	606
65264	TTH	06:00PM-08:50PM	4.00	K.White	606

CHEM 32 Chemistry for the Allied Health Major*

Presents a one semester survey of general and organic chemistry as preparation for careers in the allied health sciences. Prerequisite: MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
65265	MW	09:30AM-10:50AM	5.00	D.Scoggin	612
&	MW	11:15AM-02:20PM		D.Scoggin	614

*CHEM 32 is a one-semester alternative that satisfies the CHEM 30A/CHEM 30B two-semester sequence required for students transferring to some 4-year Nursing Programs. Please see a Cabrillo Counselor or check www.assist.org for more information. CHEM 32 also satisfies the prerequisite requirement for BIO 5 and BIO 6.