

**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. CAN CHEM2.

Section	Days	Times	Units	Instructor	Room
58050	MW	11:10AM-12:40PM	5.00	D.Scoggin	612
&	MW	08:00AM-11:10AM		S.Suzuki	614
58051	MW	11:10AM-12:40PM	5.00	D.Scoggin	612
&	MW	02:30PM-05:40PM		D.Scoggin	614
58052	TTH	11:10AM-12:40PM	5.00	J.Blaustein	615
&	TTH	08:00AM-11:10AM		J.Blaustein	614
58053	TTH	11:10AM-12:40PM	5.00	J.Blaustein	615
&	TTH	02:30PM-05:40PM		J.Blaustein	614
58054	TTH	11:10AM-12:40PM	5.00	J.Blaustein	615
&	MW	11:10AM-02:20PM		J.Blaustein	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. CAN CHEM4.

Section	Days	Times	Units	Instructor	Room
58055	TTH	11:10AM-12:40PM	5.00	C.Vogel	612
&	TTH	08:00AM-11:10AM		C.Vogel	606
58056	TTH	11:10AM-12:40PM	5.00	C.Vogel	612
&	TTH	02:30PM-05:40PM		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
58057	TTH	02:30PM-04:00PM	4.00	S.Suzuki	615
&	T	11:10AM-02:20PM		S.Suzuki	606
58058	TTH	02:30PM-04:00PM	4.00	S.Suzuki	615
&	W	12:40PM-03:50PM		S.Suzuki	606
58059	TTH	02:30PM-04:00PM	4.00	S.Suzuki	615
&	TH	11:10AM-02:20PM		S.Suzuki	606
58060	MW	06:00PM-09:00PM	4.00	M.McCarthy	606

**CHEM 12A Organic Chemistry I**

Presents the lecture portion of the first semester of the year-long organic chemistry course designed for chemistry majors and pre-professional medical and biology majors. Prerequisite: CHEM 1B. Corequisite: Completion of or concurrent enrollment in CHEM 12AL.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
59446	TTH	12:40PM-02:10PM	3.00	J.Camara	828

**CHEM 12AL Organic Chemistry Lab I**

Presents an introduction to microscale laboratory and instrumental techniques covering isolation, synthesis and identification of many classes of organic compounds. Prerequisite: CHEM 1B. Corequisite: CHEM 12A.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
58048	MW	02:30PM-05:40PM	2.00	J.Camara	607
58049	TTH	02:30PM-05:40PM	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. CAN CHEM6.

Section	Days	Times	Units	Instructor	Room
59447	S	09:00AM-12:10PM	4.00	J.Rosenthal	828
&	S	01:00PM-04:10PM		J.Rosenthal	614
58061	MW	09:30AM-11:00AM	4.00	A.Romero	615
&	M	11:10AM-02:20PM		A.Romero	607
58062	MW	09:30AM-11:00AM	4.00	A.Romero	615
&	W	11:10AM-02:20PM		A.Romero	607
58063	MW	09:30AM-11:00AM	4.00	A.Romero	615
&	F	08:00AM-11:10AM		C.Vogel	607
58064	TTH	12:40PM-02:10PM	4.00	A.Romero	612
&	T	09:30AM-12:40PM		A.Romero	607
58065	TTH	12:40PM-02:10PM	4.00	A.Romero	612
&	TH	09:30AM-12:40PM		A.Romero	607
58066	MW	06:00PM-09:00PM	4.00	C.Fink	614
58067	TTH	06:00PM-09:00PM	4.00	T.Ritsema	Wat4520

**CHEM 30B Introductory Organic Chemistry and Biochemistry for Health Occupations**

Survey of the major classes of organic and biochemical compounds as they relate to the chemistry of life processes. Prerequisite: MATH 154; High school chemistry or CHEM 30A or CHEM 2.

*Transfer Credit:* CSU. CAN CHEM8.

Section	Days	Times	Units	Instructor	Room
58069	MW	09:30AM-12:30PM	4.00	J.Camara	606
58068	TTH	06:00PM-09:00PM	4.00	M.Frederickson	606

Ⓞ/Ⓟ indicate open entry classes—open through the 12<sup>th</sup> week of instruction; 🗨 indicate writing factor classes; Ⓜ Honors classes;

🌍 indicate multicultural classes; 🌱 indicate health and wellness classes; 📺 some sections of this course are taught in a distance education format.

## Cabrillo College *Schedule of Classes* – Fall 2008

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### **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; it is not appropriate for premed, dental or veterinary students nor is it intended for allied health students requiring two semesters of chemistry. Prerequisite: MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
58070	TTH	04:00PM-05:30PM	5.00	L.Homesley	615
&	TTH	06:00PM-09:10PM		L.Homesley	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 counselor or check [www.assist.org](http://www.assist.org) for more information. CHEM 32 also satisfies the prerequisite requirement for BIO 5 and BIO 6.

