

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. C-ID CHEM 110

| Section | Days | Times | Units | Instructor | Room |
|---------|------|-----------------|-------|-------------|------|
| 74324 | TTH | 11:10AM-12:30PM | 5.00 | J.Blaustein | 612 |
| & | TTH | 08:00AM-11:05AM | | J.Blaustein | 614 |
| 74325 | TTH | 11:10AM-12:30PM | 5.00 | J.Blaustein | 612 |
| & | TTH | 02:30PM-05:35PM | | J.Blaustein | 614 |
| 74326 | MW | 12:40PM-02:00PM | 5.00 | A.Romero | 612 |
| & | MW | 08:00AM-11:05AM | | A.Romero | 614 |
| 74327 | 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. C-ID CHEM 120

| Section | Days | Times | Units | Instructor | Room |
|---------|------|-----------------|-------|------------|------|
| 74328 | TTH | 12:40PM-02:00PM | 5.00 | C.Vogel | 615 |
| & | TTH | 08:00AM-11:05AM | | C.Vogel | 606 |
| 74329 | TTH | 12:40PM-02:00PM | 5.00 | C.Vogel | 615 |
| & | MW | 11:10AM-02:15PM | | C.Vogel | 606 |
| 74330 | 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 |
|---------|------|-----------------|-------|------------|------|
| 74331 | TTH | 02:30PM-03:50PM | 4.00 | S.Suzuki | 615 |
| & | T | 11:15AM-02:20PM | | S.Suzuki | 606 |
| 74332 | TTH | 02:30PM-03:50PM | 4.00 | S.Suzuki | 615 |
| & | TH | 11:15AM-02:20PM | | S.Suzuki | 606 |
| 74333 | TTH | 02:30PM-03:50PM | 4.00 | S.Suzuki | 615 |
| & | W | 02:30PM-05:35PM | | S.Suzuki | 606 |
| 74334 | 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. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation. Prerequisite: CHEM 12A.

Transfer Credit: CSU; UC.

| Section | Days | Times | Units | Instructor | Room |
|---------|------|-----------------|-------|------------|------|
| 74321 | 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. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation. Prerequisite: CHEM 12AL. Hybrid Requisite: Completion of or concurrent enrollment in CHEM 12B.

Transfer Credit: CSU; UC.

| Section | Days | Times | Units | Instructor | Room |
|---------|------|-----------------|-------|------------|------|
| 74322 | TTH | 08:00AM-11:05AM | 2.00 | J.Camara | 607 |
| 74323 | 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 |
|---------|------|-----------------|-------|------------|---------|
| 74335 | MW | 08:00AM-09:20AM | 4.00 | M.McCarthy | 615 |
| & | M | 11:10AM-02:15PM | | S.Suzuki | 607 |
| 74336 | MW | 08:00AM-09:20AM | 4.00 | M.McCarthy | 615 |
| & | W | 11:10AM-02:15PM | | S.Suzuki | 607 |
| 74337 | MW | 08:00AM-09:20AM | 4.00 | M.McCarthy | 615 |
| & | W | 02:30PM-05:35PM | | J.Camara | 607 |
| 74338 | S | 09:00AM-12:05PM | 4.00 | G.Burce | 614 |
| & | S | 12:45PM-03:50PM | | G.Burce | 614 |
| 74339 | MW | 06:00PM-08:50PM | 4.00 | C.Fink | 614 |
| 74340 | TTH | 06:00PM-08:50PM | 4.00 | R.Goldbeck | WatA320 |

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 |
|---------|------|-----------------|-------|-------------|------|
| 74341 | MW | 08:00AM-10:50AM | 4.00 | J.Blaustein | 606 |
| 74342 | TTH | 06:00PM-08:50PM | 4.00 | J.Rosenthal | 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 |
|---------|------|-----------------|-------|------------|------|
| 74343 | 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 counselor or check www.assist.org for more information. CHEM 32 also satisfies the prerequisite requirement for BIO 5 and BIO 6.