

# Chemistry (A.S.-T)

## DEGREE PROGRAM MAP

wcc.yccd.edu/chem

- ✓ Earn a transfer degree that can lead to further study at a 4-year college or university



WOODLAND  
COMMUNITY  
COLLEGE



## Recommended Course Sequence

The program map below is a sequence of courses you can follow to efficiently complete your degree requirements. This map does not replace your Student Education Plan, so be sure to talk with a WCC counselor to pick the right courses for your academic goals.

### SEMESTER 1 — YOUR FIRST FALL SEMESTER

#### TRANSFER REQUIREMENT 4.0 UNITS

**ENGL1A** College Composition and Reading  
or select from Area 1A (IGETC) or Area A2 (CSU)

#### MAJOR REQUIREMENT 5.0 UNITS

**CHEM1A** General Chemistry I with Lab  
or select from Area 5A (IGETC) or Area B1 (CSU)

#### MAJOR REQUIREMENT 4.0 UNITS

**MATH1A** Single Variable Calculus I -- Early Transcendentals  
or select from Area 2A (IGETC) or Area B4 (CSU)

#### TRANSFER REQUIREMENT 3.0 UNITS

Recommend 1 of the following

**HLTH1** Health and Life Style Choices

**NUTR10** Principles of Nutrition

or select from Area 4 (IGETC) or Area E (CSU)

### SEMESTER 2

#### MAJOR REQUIREMENT 5.0 UNITS

**CHEM1B** General Chemistry II with Lab

#### MAJOR REQUIREMENT 4.0 UNITS

**MATH1B** Single Variable Calculus II -Early Trans

#### TRANSFER REQUIREMENT 3.0 UNITS

Select 1 of the following

**ENGL1C** Critical Thinking/Advanced Composition

**ENGL1B** Argumentative Writing and Critical Thinking through Literature

or select from Area 1B (IGETC) or Area A3 (CSU)

#### TRANSFER REQUIREMENT 3.0 UNITS

Recommend 1 of the following

**SPECH1** Public Speaking

**SPECH6** Small Group Communication

**SPECH7** Interpersonal Communication

or select from Area A1 (CSU)

#### TRANSFER REQUIREMENT 3.0 UNITS

Recommend 1 of the following

**ETHN1** Introduction To Chicano Studies

**ETHN6** History of Race and Ethnicity in America

**ETHN11** Introduction to Ethnic Studies

or select from Area 4 (IGETC) or Area F (CSU)

Continues on next page.

For more information about General Education requirements for graduation, visit [wcc.yccd.edu/catalog](http://wcc.yccd.edu/catalog) or talk to a counselor.

## SEMESTER 3

MAJOR REQUIREMENT 4.0 UNITS

**PHYS4A** Mechanics with Lab

or select from Area 5A (IGETC) or Area B2 (CSU)

MAJOR REQUIREMENT 5.0 UNITS

**CHEM18A** Organic Chemistry for Health & Life Sciences I with Lab

TRANSFER REQUIREMENT 3.0 UNITS

**SOCIL1** Introduction To Sociology

or select from Area D (CSU)

TRANSFER REQUIREMENT 3.0 UNITS

Recommend 1 of the following

**HIST17A** United States History

**HIST17B** United States History II

**ETHN15** Mexican-American History

or select from Area 3B (IGETC) or Area US1 or C2 (CSU)

## SEMESTER 4

MAJOR REQUIREMENT 4.0 UNITS

**PHYS4B** Electromagnetism with Lab

MAJOR REQUIREMENT 5.0 UNITS

**CHEM18B** Organic Chemistry for Health & Life Sciences II with Lab

TRANSFER REQUIREMENT 3.0 UNITS

**POLSC1** Introduction To American Government

or select from Area 4 (IGETC) or Area D or US1 (CSU)

TRANSFER REQUIREMENT 3.0 UNITS

**ART5** Art Appreciation

or select from Area 3A (IGETC) or Area C1 (CSU)

TRANSFER REQUIREMENT 3.0 UNITS

**MUSIC3** Music Appreciation

or select from Area 3B (IGETC) or Area C1 (CSU)

This program belongs to the STEM, Health and Applied Technology Interest Area

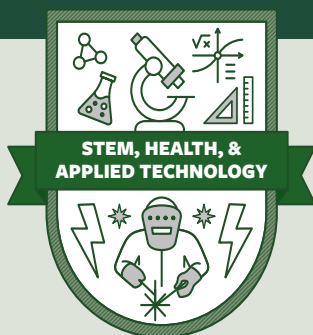
Interest Areas at WCC bring together support services and staff around groupings of related majors.

Explore majors and support services in this area:

» [wcc.yccd.edu/areas](http://wcc.yccd.edu/areas)

Meet with a counselor to create your education plan:

» [wcc.yccd.edu/counseling](http://wcc.yccd.edu/counseling)



## Prepare for careers

Earn a bachelor's or advanced degree to pursue careers like:

- Research Scientist
- Clinical Laboratory Scientist or Researcher
- Enzymologist
- Pharmaceutical Scientist
- Research Chemist
- Structural or Molecular Biologist
- Toxicologist
- Aerospace Product and Parts Manufacturing
- College Professor
- Chemical Research Engineers
- Healthcare or Clinical Lab Technician

Get help finding jobs and planning your career:

» [wcc.yccd.edu/career-center](http://wcc.yccd.edu/career-center)

## Continue your studies at a 4-year university

Some popular institutions for this major include:

- UC Davis
- Other UC Campuses
- CSU Sacramento

Learn how to apply and stay on track to transfer:

» [wcc.yccd.edu/transfer-center](http://wcc.yccd.edu/transfer-center)