

ANALYTICAL CHEMISTRY



BERKELEY CITY COLLEGE

1974

TRANSFORMING LIVES



**Associate in Science Degree
Certificate of Achievement**

ANALYTICAL CHEMISTRY

ASSOCIATE IN SCIENCE DEGREE (AS)

Chemistry technicians perform very important roles in analytical laboratories in academic, research and industrial institutions. They perform duties such as assisting instructors prepare materials for laboratory classes, assisting researchers collect and analyze scientific data, or gathering data for product quality control in industries.

At Berkeley City College we offer a two-year (four-semester) Analytical Chemistry program designed to provide individuals with the analytical skills needed for entry-level employment as laboratory technicians in those institutions. At the same time, the Analytical Chemistry program at BCC also prepares students for transfer to four year colleges or universities.

Career Opportunities:

Entry level technicians in State and Federal laboratories, academic research laboratories, industrial, pharmaceutical and environmental health laboratories.

Estimated Median Annual Earnings:

\$44,000 to \$66,000

DEGREE REQUIREMENTS

REQUIRED COURSES

COURSE	DESCRIPTION	UNITS
CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
CHEM 12A	Organic Chemistry	5
CHEM 12B	Organic Chemistry	5
CHEM 18	Analytical Instrumentation	3
CIS 1	Introduction to Computer Information Systems	4

MAJOR REQUIRED UNITS 27

MAJOR ELECTIVES: SELECT 9-10 UNITS

COURSE	DESCRIPTION	UNITS
BIOL 1A	General Biology	5
BIOL 1B	General Biology	5
MATH 3A	Calculus I	5
MATH 3B	Calculus II	5
MATH 13	Introduction to Statistics	4
PHYS 3A	General Physics	5
PHYS 3B	General Physics	5
PHYS 4A	General Physics with Calculus	5
PHYS 4B	General Physics with Calculus	5

MAJOR ELECTIVE UNITS 9-10

GENERAL EDUCATION (IGETC OR CSU GE) AND ELECTIVE UNITS 23-24

TOTAL UNITS 60

ANALYTICAL CHEMISTRY

CERTIFICATE OF ACHIEVEMENT (CA)

CERTIFICATE REQUIREMENTS

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CHEM 1B	General Chemistry	5
CHEM 12A	Organic Chemistry	5
CHEM 12B	Organic Chemistry	5
CHEM 18	Analytical Instrumentation	3
CIS 1	Introduction to Computer Information Systems	4
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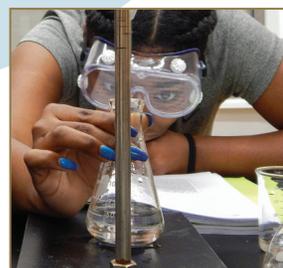
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MATH 3A	Calculus I	5
MATH 3B	Calculus II	5
MATH 13	Introduction to Statistics	4
PHYS 3A	General Physics	5
PHYS 3B	General Physics	5
PHYS 4A	General Physics with Calculus	5
PHYS 4B	General Physics with Calculus	5

MAJOR ELECTIVE UNITS 9-10

TOTAL UNITS 36-37

NOTE: Most courses listed are acceptable for transfer credit to CSU/UC.



CONTACT INFORMATION

BCC Career Education Office
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(510) 981-5097

Admissions and Records
bcc-admissionsrecords@peralta.edu
(510) 981-5000

Bookstore
bccbookstore@peralta.edu
(510) 981-1012

CalWORKs
rbutler@peralta.edu
(510) 981-2832

Counseling
counselingbcc@peralta.edu
(510) 981-5036

Student Accessibility
Services (SAS)
sas.bcc@peralta.edu
(510) 981-2813

Extended Opportunity
Programs & Services/CARE
BCC-EOPS@peralta.edu
(510) 981-2819

Financial Aid
bcc-finaid@peralta.edu
(510) 981-2808

Tutoring
jsaenz@peralta.edu
(510) 981-2827

Transfer and Career Center
bcc-careertransfercenter@
peralta.edu
(510) 981-2811

Veteran's Affairs
johnnguyen@peralta.edu
(510) 981-2877



BERKELEY CITY COLLEGE

1974

TRANSFORMING LIVES

STEPS TO ENROLL AT BCC

1

apply for admission

2

complete assessment
and online orientation

3

see a counselor

4

register for your classes

5

pay your fees

6

get your photo ID

7

get your books

NEED HELP? — JUST ASK!

We are here to serve you!

www.berkeleycitycollege.edu

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