PROGRAM DESCRIPTION:
Chemistry is the science of matter, its characterization, composition, and its transformations. It is a vital, growing enterprise as opposed to a mere accumulation of knowledge. An understanding of chemistry is basic to the physical and biological sciences and fundamental in a variety of occupations. Specialized fields of chemistry are inorganic, organic, physical, nuclear, biochemistry, and chemical engineering. Chaffey College offers the first two years of the baccalaureate degree chemistry curriculum.

HOW DO I KNOW THIS MAJOR IS FOR ME?
- You like to research information and conduct experiments
- You enjoy working with ideas and solving problems
- You are a results-orientated person who can work independently
- You like to make decisions
- You like to improve and create new products
- You are comfortable working with specialized instruments and computers
- You are patient, persistent, and have strong critical thinking skills

WHAT CAN I DO WITH THIS ASSOCIATE DEGREE?
- Agricultural Technician
- Chemical Plant and Systems Operators
- Chemical Technicians
- Manufacturing Production Technician
- Quality Control Inspector/Analyst
- Food Science Technician
- Research Assistant
- Lab Technician

WHERE CAN I WORK?
This pathway provides you with a choice of various work environments including:
- Agricultural Companies
- Architectural & Engineering Services
- Biotechnology Firms
- Colleges and Universities
- Environmental Agencies
- Hospitals and Medical Facilities
- Laboratories
- Local and Federal Government
- Manufacturing Firms
- Pharmaceutical Companies
- Private/Postsecondary Schools
- Publishing Firms
- Scientific Research and Development Services

WHAT IS THE POTENTIAL WAGE OUTLOOK?
This associate degree may lead to a position as a Chemical Technician, which according to the EDD/LMID Occupational Employment Statistics Survey, 2017 the median wage in California was $42,794 annually, or $20.57 per hour. For more information, visit www.labormarketinfo.edd.ca.gov/OccGuides.

The job and wage outlook will vary based on the position selected within this major. To review current salary information and job outlook for other occupational titles, visit www.onetonline.org.

WHAT CAN I DO IN THE FUTURE WITH MORE EDUCATION?
The positions below require at least a bachelor’s degree in Chemistry. According to O*NetOnline, the median salary in 2016 for Chemists in California was $73,740 annually, or $35.45 per hour.
- Agricultural/Food Scientists
- Biochemists and Biophysicists
- Chemistry Teachers
- Chemists
- Chemical/Materials Engineers
- Soil and Plant Scientists
- Validation Engineers
- Environmental Science and Protection Technicians
- Forensic Scientist
- Clinical Research
- Food Scientists
- Geoscientists
- Materials Engineer
- Medical and Clinical Laboratory Technologists
- Laboratory Managers
- Physician/Surgeon
- Secondary School Teachers
- University Professor
- Pharmacist

For additional information about career pathways and to find out if this major is a good fit for you visit the Career Center located in MACC 203. Career information was collected from www.onetonline.org and www.bls.gov.
### MAJOR AND COURSE REQUIREMENTS:

**Legend:**  
- **G** = Grade  
- **IP** = In Progress  
- **N** = Need  
- **Bold:** Prerequisites  
- **Plain Text:** No Prerequisites

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**Student Name:** ____________________________  
**ID#:** ____________________________  
**Date:** ____________________________  
**Counselor:** ____________________________

**COUNSELOR NOTES:**

- $46 per unit for CA Residents