

VALDOSTA STATE UNIVERSITY

DEPARTMENT OF

**Chemistry**



# Chemistry

## What does a chemist do?

You might be surprised at all the places that a VSU Chemistry degree can take you.

Chemists solve crimes, build rockets, serve in the military, fight diseases, and keep our air and water clean.

The chemical industry is one of the largest sectors of the economy. It includes energy, consumer goods, agriculture, pharmaceuticals, manufacturing, telecommunications, and more.

Chemists teach in high schools and colleges, practice medicine, start businesses, and are leaders in our global society.

Here are just a few careers that our VSU Chemistry graduates pursue with their degree:

- **Physician, Pharmacist, or Dentist**
- **Environmental Scientist**
- **Laboratory Technician**
- **Forensic Scientist**
- **High School Teacher**
- **Entrepreneur**
- **Art restorer or Archivist**
- **Science Editor or journalist**

## Supporting Your Goals

Whatever career path you follow and no matter how you use Chemistry to make the world better, VSU Chemistry faculty are here to help.

Your faculty mentor will listen to your plans for your future, help you find internships, and give career advice. Each year, faculty select our best Chemistry students for awards worth thousands of dollars.

## Instrumentation and Research

Starting in your first-year lab courses, you will work one-on-one with faculty to gain hands-on experience operating instrumentation. This prepares you for future classes, internships, and careers.

Research is a great way to learn chemistry in a VSU lab or out in the field. You will work as a team to solve challenging problems. All of our faculty mentor research students in synthesis, nanotechnology, marine chemistry, catalysis, biochemistry, and more. Students present their research to state and national audiences.

## Student Organizations

Students members of the American Chemical Society and the Pre-Pharmacy Club meet socially, network with professionals and alumni, support each other, and give back to the local community.





## Chemistry Job Outlook

Chemists contribute to society in many ways so the career outlook for VSU Chemistry graduates is outstanding!

### Chemist Unemployment Rate

**1.5%**

### BS Chemist Median Salary

**\$79,300**

### Expected 10 Year Job Growth

**4%**

**(higher than average)**

### Additional Information

[www.valdosta.edu/chemistry](http://www.valdosta.edu/chemistry)

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The VSU community values and nurtures each student's talents. As a mid-sized university, we have the flexibility to tailor a learning environment around your interests and needs - an education shaped to fit your goals. This means you spend less time being part of the crowd and more time becoming who you are. Your learning experience at VSU is focused, creative, and unique. Just like you!



## Degrees to Achieve Your Goals

As soon as you join VSU, your Chemistry faculty mentor helps you select the right classes for a Bachelor of Science (BS) degree that prepares you for a successful career. Our degree tracks are flexible so you can include courses that suit your interests and career goals.

### ACS Certified Degree

This rigorous degree track prepares you for graduate school in Chemistry or to start your career. Students can earn an ACS certified degree with a Biochemistry option as well.

### Pre-Professional Degree

This degree track is for Chemistry students with an interest in studying medicine, pharmacy, or other health sciences, as well as forensics, education, law, or business. Its flexibility allows you to satisfy course entrance requirements to professional schools, earn an extra minor degree, or even double major.

### Pre-Pharmacy

VSU Chemistry students can enter select pharmacy schools a year early, saving a year of time and tuition as they work toward their VSU Chemistry degree and PharmD degree at the same time.

Students can fulfill requirements for pharmacy school in as little as two years without earning a Chemistry degree.