

CHEMISTRY

TN TRANSFER PATHWAY



Complete two years at Motlow and save on tuition, then transfer.



Small class sizes to receive more individualized attention.



Four-year colleges want transfer students and many will offer scholarships for community college students.



MOTLOW STATE

motlow.edu/chemistry

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The average starting salary for a chemist is over \$80k per year.

(Occupational Outlook Handbook)

CHEMISTRY

Are you detail oriented, like conducting experiments, and have an analytical mind? Chemistry is one of the more popular genres of physical science. In its simplest form, chemistry deals with the physical composition and behavior of physical matter.

The Associate of Science (A.S.) Chemistry degree prepares students for transfer to a university. It is a Tennessee Transfer Pathways (TTP), which enables you to complete your degree at Motlow and then transfer to any Tennessee public university, and several Tennessee private universities, to complete your bachelor's degree.

Motlow's A.S. Degree in Chemistry qualifies you for transfer to any of Tennessee's university programs. Our course of study will improve your communication, writing, research, and critical-thinking skills. Chemistry students often move to specific fields like organic, inorganic, physical, biochemistry or materials chemistry.

According to the Bureau of Labor Statistics, the mean annual starting pay for chemists was \$81,870. The top 10 percent earned \$130,560, and the lower 10 percent had a wage of \$42,960.

(Occupational Outlook Handbook)

Potential Careers

- Healthcare (\$40-75k/year)
- Quality Assurance/Control (\$53k/year)
- Forensic Scientist (\$42-63k/year)
- Pharmaceuticals and Biotechnology (\$47-105k/year)
- Chemist (\$57-80k/year)
- Toxicologist (\$35-47k/year)

(Occupational Outlook Handbook)

Practical Experience

As well as developing strong mathematical/numerical ability, a chemistry degree gives you transferable skills, including:

- Analysis and problem solving
- Time management and organization
- Written and oral communication
- Monitoring/maintaining records and data
- Teamwork
- Research and presentation
- IT and technology

