



2025-2026 SCHOOL YEAR

Introduction to Chemistry GVL

Monday AND Wednesday

Grades: 7th Grade, 8th Grade

Fees: \$360 per year plus \$25 lab fee

Prerequisites:

Pre-Algebra, completion or concurrent

REQUIRED MATERIALS

Textbooks: (4th Edition textbooks are out of print; rent from UHC or purchased used copies)

- [Rent Intro to Chemistry Textbooks](#)
- [God's Design for Chemistry and Ecology: Properties of Matter, 4th Ed.](#)
- [God's Design for Chemistry and Ecology: Properties of Atoms and Molecules, 4th Ed.](#)

Other materials: see course syllabus.

Course Description

This course is designed to be a student's first introduction to chemistry and to give them insight on how God designed our world. We will be using two books from the curriculum God's design for Chemistry and Ecology, Atoms and Molecules and Properties of Matter, 4th edition. The course will cover states of matter, elements, bonding reactions, applications of chemistry, unit conversions, and basic word problems. There will be many hands-on activities and experiments in class to learn the lab process. This is a great way to prepare your student for high school chemistry!

This course has 3 days of homework at least an hour a day.

****Summer homework** will be assigned in August and will need to be completed by the first day of class.

To be successful in this class:

Students need to be taking or have taken pre-algebra. In class, students will be responsible for taking notes during labs while working in groups to review and demonstrate learning. At home, students will be responsible for reading and responding to the assigned reading (3-4 lessons a week), taking notes from video lectures, and completing formal unit lab write ups. This class prepares the student for upper level science, and it is best for 8th graders or academically strong 7th graders.



Meet Meredith Landis

Education: Bachelor's degree Elementary Education

Teaching experience:

- Six years in public school setting
- One year at another homeschool co-op

Certifications: SC certified Elementary Education

UHC courses taught:

- Middle School Intro to Physics/Machines in Motion
- Lego Lab
- Intermediate Math Lab
- Introduction to Chemistry

Began teaching at UHC in 2017

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