

## General Chemistry placement exam

20 questions – Math

Algebra!

Exponents

Proportions

Graphs

Visualization of 3-dimensionality

20 questions – General Chemistry knowledge

Metric units

Understanding formulas

Isotopes

Periodic table trends

Density

Moles

Phase Diagrams

General understanding of a titration curve

20 questions – Specific Chemistry knowledge

Element symbols

Understanding formulas

Knowing names of a few common polyatomic ions

Balancing equations

Atomic mass / moles

Electron configuration

Solubility

Molarity calculations

Theoretical yield calculations

General acid / base chemistry

There is a periodic table in the exam.

NOTE: No graphing or programmable calculators allowed. No phones.  
Bring a scientific calculator such as a TI-30X or TI-34 to the exam.