

# CHEM 101

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**CHEM 101 Introductory Chemistry I**

3 Credits

Three topics will be covered. The first is a review of general chemical principles, including stoichiometric descriptions of chemical reactions together with a brief history of chemistry as a science. Next, the microscopic description of the natural world as it relates to chemistry, will be discussed with particular consideration to atomic structure and chemical bonding. Finally, macroscopic chemistry will be investigated and will include conservation of energy as it applies to macroscopic chemistry, that is, in terms of thermodynamics. It will also include a description of the various states of matter, namely, gases, liquids and solids. (3,3,0)

**Prerequisites**

Chemistry 11 and Principles of Math 11; or Pre-Calculus 11

**Transfer Credits**

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)