

CHEM 210-211 Proficiency Examination

Testing Services and the Department of Chemistry & Biochemistry

# Eligibility

Students who have taken and received credit for two years of high school chemistry (or equivalent) are invited to attempt this exam.

**Note**: students may not earn proficiency credit for a course for which they have received credit; nor may they receive proficiency credit for courses which substantially overlap or are prerequisite to any in which they are enrolled or for which they have received credit. Normally, a student may attempt to gain proficiency credit for a particular course only once. (Academic Regulations) Proficiency Examinations, Northern Illinois University Undergraduate Bulletin.

# Proficiency Exam

The examination consists of 80 items. One hour and fifty minutes of testing time are allowed. The use of a non-programmable calculator is permitted for this examination. A table of logarithms will be provided.

# Areas of Content

The exam covers the first year of general college chemistry. Topics covered include atomic structure, chemical bonding, stoichiometry, kinetic theory, solutions, gases and ionic equilibria, acids and bases, thermodynamics, reaction rates, and some descriptive chemistry. Further information may be obtained from the Department of Chemistry and Biochemistry, at Faraday Hall 319 or call (815) 753-1131.

# Exam Results

Results will be available immediately following completion of the exam.

# Score of Interpretation

## 60 or above

Eight semester hours of credit will be awarded as follows: CHEM 210, General Chemistry, three semester hours, CHEM 212, General Chemistry Laboratory, one semester hour, CHEM 211, General Chemistry three semester hours; CHEM 213, General Chemistry Laboratory, 1 semester hour.

## 50 through 59

Four semester hours of credit will be awarded as follows: CHEM 210, General Chemistry, Three semester hours and CHEM 212, General Chemistry Laboratory one semester hour.

## 49 or below

No credit will be granted.

# Registration

This exam must be scheduled in advance with [Testing Services](http://www.niu.edu/Testing), (815) 753-1203, [testing@niu.edu](mailto:testing@niu.edu).