

CHEMISTRY CERTIFICATE (M)

The Chemistry Certificate is designed to prepare secondary education students for success on the Chemistry: Content Knowledge Praxis exam.

It is recommended that the student also complete a course on methods in teaching science to accompany this certificate.

Student Learning Outcomes for the Chemistry Certificate

Students will:

- Demonstrate an understanding of and ability to apply fundamental chemical concepts;
- Use common laboratory procedures and equipment, often as a member of a team, to gather meaningful data;
- Analyze and interpret data to arrive at appropriate conclusions;
- Apply principles of laboratory safety and chemical hygiene; and
- Communicate and summarize scientific information effectively and accurately in both oral and written form;

Curriculum

Code	Title	Hours
Required Courses		
CHEM 1204	Elements of General and Biological Chemistry	4
CHEM 1414	General Chemistry I	4
CHEM 1424	General Chemistry II	4
Total Hours		12