

CHEMISTRY CERTIFICATION PLAN

A GRADE OF "C" OR HIGHER MUST BE ACHIEVED IN ALL COURSES ON THE CERTIFICATION PLAN.

CONTENT AREA--34-43 hours

1. _____ CHEM 1307--Principles of Chemistry I
Prerequisite: CHEM 1301 or a score of 50 or better on the Chemistry Placement Exam
2. _____ CHEM 1107--Principles of Chemistry I (Laboratory)
Corequisite: CHEM 1307
3. _____ CHEM 1308--Principles of Chemistry II
Prerequisite: CHEM 1307
4. _____ CHEM 1108--Principles of Chemistry II (Laboratory)
Corequisite: CHEM 1308
5. _____ CHEM 3301--Descriptive Inorganic Chemistry
Prerequisite: CHEM 1308
6. _____ CHEM 3305--Organic Chemistry I
Prerequisite: CHEM 1308
7. _____ CHEM 3105--Organic Chemistry Laboratory I
Prerequisite: CHEM 1108
Corequisite: CHEM 3305
8. _____ CHEM 3306--Organic Chemistry II
Prerequisite: CHEM 3305
9. _____ CHEM 3106--Organic Chemistry Laboratory II
Prerequisite: CHEM 3105
Corequisite: CHEM 3306
10. _____ CHEM 3307--Physical Chemistry I
Prerequisite: CHEM 1308; PHYS 1404 or 2401; MATH 1352
11. _____ CHEM 3107--Physical Chemistry Laboratory I
Corequisite: CHEM 3307
12. _____ CHEM 3310--Molecular Biochemistry
Prerequisite: CHEM 3306
13. _____ CHEM 3341--Analytical Chemical Methods
Prerequisite: CHEM 1308
14. _____ CHEM 3141--Analytical Chemical Methods Laboratory
Corequisite: CHEM 3341

At least four hours from the following courses:

- _____ CHEM 3000--Undergraduate Research (**Prerequisite:** Consent of instructor)
- _____ CHEM 4114--Instrumental Analytical Methods Laboratory (**Corequisite:** CHEM 4314)
- _____ CHEM 4300--Senior Research (**Prerequisite:** Senior standing)
- _____ CHEM 4314--Instrumental Analytical Methods (**Prerequisite:** CHEM 3341 or 3351; and 3307 or 4311)

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- ⇒ The State of Texas does criminal background checks on all applicants for Teacher Certification.
⇒ The undergraduate requirements and/or the certification requirements may change according to state regulations.

By signing below, I signify that I understand the contents of this document.

Student Signature: _____

Date: _____

Certification Advisor Signature: _____

Date: _____

Degree Advisor Signature: _____

Date: _____