

# Chemistry--Teacher Certification (7-12)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_ (2) \_\_\_\_\_

## College Core Requirements

- Common Intellectual Experience  
CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_
- Foreign Language (two courses)  
\_\_\_\_\_ \_\_\_\_\_
- Deductive Reasoning (R)  
\_\_\_\_\_ \_\_\_\_\_
- Scientific inquiry/experimentation (S)  
\_\_\_\_\_ \_\_\_\_\_
- Social Scientific inquiry (SS)  
\_\_\_\_\_ \_\_\_\_\_
- Quantitative reasoning (Q)  
\_\_\_\_\_ \_\_\_\_\_
- Humanistic inquiry (H)  
\_\_\_\_\_ \_\_\_\_\_
- Artistic/performance (A)  
\_\_\_\_\_ \_\_\_\_\_
- DN/GN and O courses (Only 2 from student's major)  
DN Course \_\_\_\_\_ \_\_\_\_\_  
GN Course \_\_\_\_\_ \_\_\_\_\_  
O Course \_\_\_\_\_ \_\_\_\_\_
- Linked inquiry (LINQ)  
\_\_\_\_\_ \_\_\_\_\_
- Core Capstone (CCAP)  
\_\_\_\_\_ \_\_\_\_\_
- Experiential Learning Project (XLP)  
\_\_\_\_\_ \_\_\_\_\_

## Chemistry/Certification Requirements (58 credits)

CHEM 107 \_\_\_\_\_ CHEM 107LQ \_\_\_\_\_

**AND**

CHEM 108 \_\_\_\_\_ CHEM 108L \_\_\_\_\_

**OR**

CHEM 151 \_\_\_\_\_ CHEM 151LQ \_\_\_\_\_

CHEM 202W \_\_\_\_\_

CHEM 207 \_\_\_\_\_ CHEM 207L \_\_\_\_\_

CHEM 208 \_\_\_\_\_ CHEM 208L \_\_\_\_\_

CHEM 309 \_\_\_\_\_ CHEM 309L \_\_\_\_\_ **OR**

BCMB 307 \_\_\_\_\_ BCMB 309L \_\_\_\_\_

CHEM 310 \_\_\_\_\_ CHEM 310L \_\_\_\_\_

CHEM 315 \_\_\_\_\_ CHEM 315L \_\_\_\_\_

CHEM 322 \_\_\_\_\_ CHEM 322L \_\_\_\_\_

CHEM 340 (twice) \_\_\_\_\_ \_\_\_\_\_

CHEM 401 \_\_\_\_\_ CHEM 499 \_\_\_\_\_

MATH 112 \_\_\_\_\_

PHYS 121Q \_\_\_\_\_ PHYS 122Q \_\_\_\_\_

Oral presentation CHEM \_\_\_\_\_ (CHEM 401 is an option)

ENV 100 \_\_\_\_\_ **OR** CHEM 101Q \_\_\_\_\_

## PA teacher certification requirements

(38 credits including EDUC-453 student teaching, 12 cr.)

EDUC 100 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350W \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 453 \_\_\_\_\_ 454 \_\_\_\_\_

## Additional Requirements

**Basic Skills exams:** PAPA or CORE or SAT/ACT \_\_\_\_\_

**Praxis II** content exam: \_\_\_\_\_

**3.0 GPA overall** and in **EDUC** courses; **2.50 in Chemistry**

## **Major department recommendation**

**Serve as a laboratory assistant or participate in safety training**