

**Chemistry Department  
Teaching Concentration (TC)**

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

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

**College Core Requirements**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Deductive Reasoning (R)

\_\_\_\_\_ \_\_\_\_\_

4. Scientific inquiry/experimentation (S)

\_\_\_\_\_ \_\_\_\_\_

5. Social Scientific inquiry (SS)

\_\_\_\_\_ \_\_\_\_\_

6. Quantitative reasoning (Q)

\_\_\_\_\_ \_\_\_\_\_

7. Humanistic inquiry (H)

\_\_\_\_\_ \_\_\_\_\_

8. Artistic/performance (A)

\_\_\_\_\_ \_\_\_\_\_

9. DN/GN and O courses (Only 2 from student's major)

DN Course \_\_\_\_\_ \_\_\_\_\_

GN Course \_\_\_\_\_ \_\_\_\_\_

O Course \_\_\_\_\_ \_\_\_\_\_

10. Linked inquiry (LINQ)

\_\_\_\_\_ \_\_\_\_\_

11. Core Capstone (CCAP)

\_\_\_\_\_ \_\_\_\_\_

12. Experiential Learning Project (XLP)

\_\_\_\_\_ \_\_\_\_\_

**Department Core Required:**

Required Courses:

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

CHEM 108 \_\_\_\_\_ CHEM 108L \_\_\_\_\_ **OR**

CHEM 151 \_\_\_\_\_ CHEM 151LQ \_\_\_\_\_  
(in place of CHEM 107/107LQ and CHEM 108/108L)

CHEM 202 \_\_\_\_\_ CHEM 212 \_\_\_\_\_

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

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

CHEM 309 \_\_\_\_\_ CHEM 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 \_\_\_\_\_

Prospective teachers should serve as laboratory assistants or participate in safety training.

NOTE: Prospective student teachers must have a 2.50 average in chemistry and receive a departmental recommendation which considers, in addition to academic performance, the student's interpersonal and communication skills. Students and their advisers should consult the Ursinus College Education Department.

**Teaching Concentration:**

**PA teacher certification for grades 7-12 must take:**

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

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 453/493 \_\_\_\_\_ 454 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**2.50 GPA required for Chemistry coursework**

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**