## UNIVERSITY STUDIES PROGRAM REQUIREMENTS

**CORE COMPONENTS:**

1. **Intellectual Community (1 course, 1-4 credits)**
   - (I) 
   - Not required if transferring 16 or more credits to UW from any institution.

2. **Writing 1 (1 course, minimum 3 credits)**
   - (WA) ENGL 1010

3. **Quantitative Reasoning (2-3 courses, 8-11 credits)**
   - (QA) Most students will satisfy this USP requirement with ACT or math placement score
   - (QB) MATH 2200 AND MATH 2205

4. **Natural Sciences (8 credits)**
   - (SP) PHYS 1110 OR 1210 OR 1310
   - (SP) PHYS 1120 OR 1220 OR 1320

5. **Cultural Context (3 courses, 9 credits)**
   - (3 hours from each area; can substitute C for ONE area)
   - Humanities (CH):
   - Social Science (CS): EDST 2450
   - Arts (CA):

6. **Oral Communication (1 course, 3 credits)**
   - (O) EDST 3000

7. **US & Wyoming Constitution (1 course, 3 credits)**
   - (V) POLS 1000, ECON 1200, HIST 1211, 1221, or 1251

8. **Physical Activity & Health (1 course w/ 2 parts, 1 credit)**
   - (P) PEAC 1001

### EMBEDDABLE COMPONENTS

- Information Literacy (1 course)
  - (L) ITEC 2360

- Writing 2 & 3 (2 courses)
  - (WB) EDST 3000
  - (WC) EDSE 4275

- Global Awareness (1 course)
  - (G)

- Diversity in the United States (1 course)
  - (D) EDST 2480

## PROFESSIONAL EDUCATION REQUIREMENTS:

Professional Ed courses must be completed with a grade of C or better.

- EDST 2450 (3) Human Lifespan Development (CS)
- ITEC 2360 (3) Teaching with Technology (L)
- 2.50 UW Total Institution GPA
- Sophomore standing (30+ credits)

The above criteria must be met prior to enrollment in **PHASE I**:

- EDST 2480 [2000] (4) Diversity & the Politics of Schooling (D)
- EDEX 2484 (3) Intro to Special Education
- C or better in QA
- C or better in WA
- Current Wyoming Substitute Teaching Permit
- 2.75 UW Total Institution GPA
- Junior standing (60+ credits)
- Application is due one semester prior to enrollment.

The above criteria must be met prior to enrollment in **PHASE II**:

- EDST 3000 (6) Teacher as Practitioner (O & WB)
- 2.75 UW Total Institution GPA
- 2.50 GPA (content)
- EDSE 3275 (3) Methods I: Secondary Science Ed.
  - (Offered fall semester only.)
- Application is due one year prior to enrollment.

The above criteria must be met prior to enrollment in **PHASE III**

### Methods II & Residency

**Phase IIIa: Methods - Offered FALL SEMESTER ONLY!**

- EDSE 4275 (3) Methods II: Secondary Science Ed.
  - (Offered fall semester only.)
- EDST 3550 [3500] (2) Educational Assessment

* Can be taken upon successful completion of Phase I and QA requirement.

**Phase IIIb: Residency**

- EDSE 4500 (15) Residency in Teaching

### Additional Requirements

- Effective Fall 2006. Concurrent Majors required for all incoming freshmen and transfer students in this degree program.
- Minimum 2.75 cumulative GPA and minimum 2.5 content GPA required.
CHEMISTRY MAJOR CONTENT:
51 HOURS (minimum)

Minimum 2.50 GPA required in major content. All major content courses
must be completed with a grade of C or better.

REQUIRED CONTENT COURSES

_____ CHEM 1020 (4) General Chemistry I OR
   CHEM 1050 (4) General Chemistry/Qualitative Analysis I

_____ CHEM 1030 (4) General Chemistry II OR
   CHEM 1060 (4) General Chemistry/Qualitative Analysis II

_____ CHEM 2230 (4) Quantitative Analysis

_____ CHEM 2420 (4) Organic Chemistry I

_____ CHEM 2440 (4) Organic Chemistry II

_____ CHEM 4110 (3) Introductory Inorganic Chemistry

_____ CHEM 4230 (4) Instrumental Methods of Chemical Analysis

_____ CHEM 4507 (3) Physical Chemistry I OR
   CHEM 3550 (3) Physical Chemistry for the Life Sciences

_____ LIFE 1010 (4) General Biology

_____ MOLB/MICR 2021 (4) General Microbiology

_____ STAT 2050 (4) Fundamentals of Statistics

MINIMUM 9 ADDITIONAL CREDITS FROM:

_____ LIFE 3400 (3) General Ecology

_____ LIFE 3050 (4) Genetics

_____ LIFE 3500 (3) Evolutionary Biology

_____ LIFE 3600 (4) Cell Biology

_____ MOLB 3610 (4) Principles of Biochemistry

_____ MOLB 4100 (3) Clinical Biochemistry

_____ MOLB 4105 (1) Clinical Biochemistry Lab