

# College of Education – Undergraduate Prerequisite/Admission Checklist

## Secondary Education – Chemistry (grades 6-12)

### State Mandated Common Prerequisites

- 1) \_\_\_\_\_ **2.50 Overall GPA**  
 2) \_\_\_\_\_ **CLAST, Praxis I or General Knowledge Test ‡**  
 (All sections of any ONE test must be passed prior to entrance into the College; no CLAST exemptions permitted)

- 3) **Natural Science (8 credit hours)\***  
 \_\_\_\_\_ **CHM 2045:** General Chemistry I and LAB (4 hrs.)  
 \_\_\_\_\_ **BSC 2010:** Biology I – Cellular Processes and LAB (4 hrs.) **OR**  
 \_\_\_\_\_ **PHY 2048:** General Physics I and LAB (4hrs.)\*\*\*

- 4) **International Diversity Focus course (6 credit hours)\*, \*\***  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_

- 5) **Pre-Education Courses (9 credit hours)\***  
 \_\_\_\_\_ **EDF 2005:** Intro to Teaching Profession (3 hrs.)  
 \_\_\_\_\_ **EDF 2085:** Intro to Diversity for Educators (3 hrs.)  
 \_\_\_\_\_ **EME 2040:** Intro to Technology for Educators (3 hrs.)

- 6) **Additional Requirements: (4 credit hours)\***  
 \_\_\_\_\_ **CHM 2046:** General Chemistry II and LAB (4 hrs)  
 \_\_\_\_\_ **MAC2311 or MAC 2281** (4 hrs.) \_\_\_\_\_ \*\*\*

#### **NOTES:**

\* Minimum "C-" grade is required in all prerequisite courses.

\*\*Automatically satisfied with Florida public AA degree

\*\*\* PHY 2048 at USF requires prerequisite MAC 2281 or MAC2311; MAC 2281 or MAC2311 have prerequisites. Check USF catalog for details

‡ Can take 6 hrs of college level Math or 3 hrs of college level math and 3 hrs of QR

- Skills test required for admission; must actually take and pass all sections, no exemptions permitted; **GKT** strongly encouraged for admission because all sections must be completed prior to the end of the 1<sup>st</sup> semester as an admitted COEDU student

‡ The CLAST test is no longer being administered. However, if one took and passed all sections of the CLAST prior to July 2009, and can provide official evidence of that with COEDU application, CLAST can be used to meet COEDU skills test admission requirement.

### General Education Prerequisite Requirements\*\*

- 7) **English Composition (6 credit hours)**  
 \_\_\_\_\_ **ENC 1101:** Composition I (6A) (3 hrs.)  
 \_\_\_\_\_ **ENC 1102:** Composition II (6A) (3hrs)

- 8) **Mathematics (3 or 6 credit hours)†**  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_  
 -met with **MAC2311 or MAC 2281** (4 hrs.)  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_

- 9) **Quantitative Reasoning (0 or 3 hours)†**  
 \_\_\_\_\_ (3 hrs) \_\_\_\_\_

- 10) **Natural Sciences (6 credit hours)**  
 \_\_\_\_\_ (3 hrs.) *Life Science:* \_\_\_\_\_  
 \_\_\_\_\_ (3 hrs.) *Physical Science:* \_\_\_\_\_

- 11) **Social & Behavioral Sciences (6 credit hours)**  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_

- 12) **Humanities (6 credit hours)**  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_  
 \_\_\_\_\_ (3hrs.) \_\_\_\_\_

- 13) **Fine Arts (3 credit hours)**  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_

- 14) **Human & Cultural Diversity & Global Context (3 hours)**  
 \_\_\_\_\_ (3 hrs.) \_\_\_\_\_

- 15) **Human Historical Context and Process (6 hours)**  
 \_\_\_\_\_ (3 hrs) \_\_\_\_\_  
 -One of the courses is automatically satisfied by successful completion of Composition 1 (ENC1101)  
 \_\_\_\_\_ (3 hrs) \_\_\_\_\_  
 -Courses can be cross-listed/counted for courses in other Gen. Ed. areas; specific courses found on COEDU website and USF catalog