### College of Education – Undergraduate Prerequisite Checklist

**Secondary Education – Science: Chemistry (grades 6-12)**

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 exemptions permitted)

3. **English Composition (9 credit hours)**  
   - **ENC 1101**: Composition I (6A) (3 hrs.)*  
   - **ENC 1102**: Composition II (6A) (3 hrs.)*  
   - **(3 hrs)**  
   - *Speech Course: Any SPC or COM Prefix*

4. **Quantitative Methods (9-10 credit hours)**  
   - **MGF 1106**: Finite Math or a Geometry course (3 hrs.)  
   - **(3-4 hrs.)**  
   - MAC 2281 or MAC 2311 if plan to take PHY OR  
   - Any course prefix: MGF, MTG, MAC, or STA  
   - **(3 hrs)**  
   - *Any course prefix: MGF, MTG, MAC, or STA*

5. **Natural Sciences (11 credit hours)**  
   - **CHM 2045**: General Chemistry I (3 hrs.) &  
   - **CHM 2045L**: General Chemistry I LAB (1 hr.)  
   - **BSC 2010**: Biology I – Cellular Processes (3 hrs.) &  
   - **BSC 2010L**: Biology I – Cellular Proc LAB (1 hr.) OR  
   - **PHY 2048**: General Physics I (3 hrs.)*** &  
   - **PHY 2048L**: General Physics I LAB (1 hr)  
   - **(3 hrs)**  
   - **Earth Science:**  
   - *Note: If Biology is not taken, a life science will be needed*

6. **Social Sciences (9 credit hours)**  
   - **PSY 2012**: Intro to Psychological Science (3 hrs.)  
   - **(3 hrs)**  
   - **(3 hrs)**

7. **Fine Arts (3 credit hours)**  
   - **(3 hrs)**  
   - *No HUM courses, except HUM 1020: The Arts*

8. **Historical Perspective (6 credit hours)**  
   - **AMH 2010**: American History I (3 hrs.) OR  
   - **AMH 2020**: American History II (3 hrs.)  
   - **PHH 2000**: Intro to Philosophy (6A) (3 hrs.) OR  
   - **PHI 1600**: Intro to Ethics (3 hrs.) OR  
   - Any PHH or PHI if Historical Perspective is met

9. **African, Latin American, Middle Eastern, or Asian Perspective (ALAMEA) & Diversity Courses**  
   - **(3 hrs)**  
   - *International/Multicultural/Diversity Focus (3 hrs.)***

10. **Pre-Education Courses (9 credit hours)**  
    - **EDF 2005**: Introduction to Education (3 hrs.)  
    - **EDG 2701**: Teaching Diverse Populations (3 hrs.)  
    - **EME 2040**: Intro to Educational Technology (3 hrs.)

11. **Suggested Course (Not required for admission but needed to graduate from College of Education)**  
    - **CHM 2046**: General Chemistry II (3 hrs.) &  
    - **CHM 2046L**: General Chemistry II LAB (1 hr)  
    - **BSC 2011**: Biology II – Diversity (3 hrs.) &  
    - **BSC 2011L**: Biology II – Diversity LAB (1 hr) OR  
    - **PHY 2049**: General Physics II (3 hrs.) &  
    - **PHY 2049L**: General Physics II LAB (1 hr)

**NOTES:**
- Minimum "C-" grade is required in all prerequisite courses.
- (6A) Courses that satisfy Gordon Rule Writing (12 credit hrs)
- *Italicized* requirements are State-Mandated courses beyond USF general education requirements
- Skills test required for admission; must actually take all sections, no exemptions permitted
- *Automatically satisfied with Florida public AA degree*
- ** Automatically satisfied with FL public AA degree, OR may be met with appropriate Fine Arts, ALAMEA, or Soc Science course.
- *** Requires Prerequisite MAC 2281 or MAC2311

Revised 7/11/2006