

Application for a Designated Emphasis in Chemistry Education (CHED)

None of the courses used for the DE in Chemistry Education may be used to fulfill the requirements in the student's MS or PhD program. Students must be in a PhD program to participate and cannot begin the DE coursework until candidacy has been completed within the regular research program. The DE coursework should be completed within one year after the completion of candidacy. A minimum GPA of 3.0 in all courses taken for the designated emphasis (DE) is required for the award of the DE. Any substitutions must be justified by the DE Director in writing and approved by the Graduate Dean prior to enrollment in the course. 100-level courses must be accompanied by an appropriate 292 course, which requires additional readings and research.

Student Name: _____ SID: _____

Graduate Program: _____

Date Advanced to Candidacy for PhD: _____

Coursework Requirements

I. Three courses (12 units) as outlined below. Any substitution must have relevant content and be approved by the DE Director. Students must select courses from at least two different departments or programs, one of which may be their home department.

Course	Grade	Quarter	Units
CHEM 241			
PSYC 211			
PSYC 212 or 207C			

II. Completion of a chemistry education research project any time after the student advances to candidacy. The scope of this project is expected to be such that it comprises one chapter in the final PhD dissertation. This project may be completed under the guidance of a chemistry department professor of teaching (who would act as a co-advisor overseeing the chemistry education research) or could be completed independently under the approval of the Chemistry Education DE Program Committee and the student's research advisor.

Course	Grade	Quarter	Units
CHEM 299			

Research Project Title: _____

Faculty Supervisor: _____

Date Research Project Approved: _____

DE Director Signature

Date