***Application for a Designated Emphasis in***

***Chemistry Education (CHED)***

*Courses used for the DE in Chemistry Education will not be counted toward a student’s PhD requirements as they will be completed AFTER the student completes the normal chemistry course plan. A minimum GPA of 3.0 in all courses taken for the DE is required for the award of the DE. The DE coursework should be completed within one year of advancement to candidacy with the research project completion any time prior to the submission of the final dissertation.*

Student Name: SID:

Graduate Program:

Date Advanced to Candidacy for PhD:

Coursework Requirements  
**1. 12 units of coursework:** CHEM 241, PSYC 211 and one of the following courses: PSYC 212 or PSYC 207C.

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| --- | --- | --- | --- |
| **Course** | **Grade** | **Quarter** | **Units** |
| **CHEM 241** |  |  |  |
| **PSYC 211** |  |  |  |
|  |  |  |  |

2. **Research Product:** Students choosing to complete this DE will complete a chemistry research project (CHEM 299, 4 units) in addition to their normal chemistry research. 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 DE program committee and the student’s research advisor.

Research Project Title:

Date research project approved:

DE Chairperson Signature Date