

**CHEMISTRY –Chemistry Education Pre-Certification Option
(B.S., CHMBD)
124 credits**

<p>First-year Seminar:</p> <p style="padding-left: 20px;">PSU 007 ___ (1)</p> <hr/> <p>Communications (GWS):</p> <p style="padding-left: 20px;">ENGL 015 ___ (3) ENGL 202C ___ (3) § CAS 100 ___ (3)</p> <hr/> <p>Quantification (GQ):</p> <p style="padding-left: 20px;">MATH 140 ___ (4) § MATH 141 ___ (4) §</p> <hr/> <p>Natural Sciences (GN):</p> <p style="padding-left: 20px;">PHYS 211 ___ (4) § PHYS 212 ___ (4) §</p> <hr/> <p>Arts (GA):</p> <p style="padding-left: 20px;">_____ ___ (3) _____ ___ (3)</p> <hr/> <p>Humanities (GH):</p> <p style="padding-left: 20px;">_____ ___ (3) _____ ___ (3)</p> <hr/> <p>Social and Behavioral Sciences (GS):</p> <p style="padding-left: 20px;">PSYCH 100 ___ (3) § PSYCH 212 ___ (3) or HDFS 129 ___ (3)</p> <hr/> <p>Health and Activity (GHA): BB H/KINES/ESACT</p> <p style="padding-left: 20px;">_____ ___ (1.5) _____ ___ (1.5)</p>	<p>Prescribed Courses: 60-61 cr.</p> <p style="padding-left: 20px;">CHEM 110 ___ (3) § CHEM 111 ___ (1) § CHEM 112 ___ (3) § CHEM 113 ___ (1) §</p> <hr/> <p style="padding-left: 20px;">CHEM 210 ___ (3) § CHEM 212 ___ (3) § CHEM 213 ___ (2) § CHEM 221 ___ (4) §</p> <hr/> <p style="padding-left: 20px;">CHEM 316 ___ (1)</p> <hr/> <p style="padding-left: 20px;">CHEM 400 ___ (1) CHEM 413 ___ (4) CHEM 431W ___ (3) CHEM 440 ___ (3) CHEM 441 ___ (1) CHEM 443 ___ (1) CHEM 450 ___ (3) CHEM 452 ___ (3) CHEM 457 ___ (1) CHEM 472 ___ (3)</p> <hr/> <p style="padding-left: 20px;">CHEM 395 ___ (1-2)</p> <hr/> <p style="padding-left: 20px;">EDPSY 014 ___ (3) concurrent with CI 295 ___ (1)</p> <hr/> <p style="padding-left: 20px;">EDTHP 115 ___ (3) concurrent with CI 295 ___ (1)</p> <hr/> <p style="padding-left: 20px;">PSYCH 212 ___ (3) or HDFS 129 ___ (3)</p> <hr/> <p style="padding-left: 20px;">MATH 230 ___ (4) §</p> <hr/> <p>Additional Courses: 12 cr.</p> <p>Select 3 credits from:</p> <p style="padding-left: 20px;">MATH 250 ___ (3) § STAT 401 ___ (3)</p> <p>Select 3 credits from:</p> <p style="padding-left: 20px;">CHEM 494 or 496 ___ (3)</p>	<p>Select 6 credits of 400-level CHEM courses. (Excluding 494, 495, or 496.)</p> <p style="padding-left: 20px;">_____ ___ ()</p> <hr/> <p>Supporting Courses and Related Areas: 6 credits</p> <p>Select 6 credits from a School-approved list. May apply up to 6 credits of ROTC.</p> <p style="padding-left: 20px;">_____ ___ () _____ ___ () _____ ___ ()</p> <hr/> <p>Writing Intensive Course:</p> <p style="padding-left: 20px;">CHEM 431W ___ (3)</p> <hr/> <p>‡United States (US) and International (IL) Cultures:</p> <p style="padding-left: 20px;">US _____ ___ (3) IL _____ ___ (3)</p> <hr/> <p>§Grade of C or higher is required.</p> <p>‡This requirement can be fulfilled from choices in GA, GH, or GS.</p>
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Students graduating from this major must achieve a minimum grade-point average of at least 2.00; achieve an overall grade-point average of at least 2.00 within the Prescribed, Additional, and Supporting courses in the Requirements for the major, including chosen Options, if any; and earn a C grade or better in all 300- and 400-level courses within these same Prescribed, Additional, and Supporting courses. If a student receives a grade below C, he/she must repeat that course or a School Approved alternative, and earn a grade of C or better.