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| Major/Program | Chemistry Education, Secondary Certification |
| College | Science and Mathematics |
| Department | Physical Science |
| Contact | Dr. Jennifer Yates, Interim Dean |
| 2023-2024 | |

Lander University

4 - Year Major Guide

| | First Semester | Second Semester | TOTALS | |
|-------------------|--|--|---------------|-----------|
| | Course | Notes | Hours | |
| First Year | CHEM 111 | | 4 | |
| | MATH 123 | Core (General Education) | 3 | |
| | ENGL 101 | Core (General Education) | 3 | |
| | HIST 111R, HIST 112R, or POLS 101R | Founding Documents (General Education) | 3 | |
| | LINK 101 | LINK (General Education) | 1 | |
| | Subtotal | | | 14 |
| | Subtotal | | | 16 |
| | Yearly Totals | | | 30 |

| | First Semester | Second Semester | | |
|--------------------|-----------------------|--|--------------|-------------|
| | Course | Notes | Hours | |
| Second Year | CHEM 221 | | 4 | |
| | PHYS 201 | Scientific and Mathematics (General Education) | 4 | |
| | EDUC 204 | | 3 | |
| | General Education | Behavioral and Social (General Education) | 3 | |
| | General Education | World Cultures (General Education) | 3 | |
| | Subtotal | | | 17 |
| | Subtotal | | | 14.5 |
| | Yearly Totals | | | 31.5 |

| | First Semester | Second Semester | | |
|-------------------|--|------------------------|--------------|-------------|
| | Course | Notes | Hours | |
| Third Year | CHEM 420 | | 3 | |
| | Major Core Elective | see list below | 3 | |
| | EDUC 223 | | 3 | |
| | EDUC 250 | | 3 | |
| | SPED 223 | | 3 | |
| | Subtotal | | | 15 |
| | Subtotal | | | 14.5 |
| | Yearly Totals | | | 29.5 |
| | <p>Pass all sections of Praxis Core. Apply for admission to the Professional Program; 2.75 GPA required for admission.</p> | | | |
| | <p>Must be admitted to the Professional Program to enroll in EDUC 329.</p> | | | |

| | First Semester | Second Semester | | |
|--------------------|--------------------------------|------------------------|--------------|-----------|
| | Course | Notes | Hours | |
| Fourth Year | CHEM 401 | | 4 | |
| | EDUC 321 | | 3 | |
| | EDUC 429 | | 1 | |
| | PSCI 451 | | 3 | |
| | Elective | | 3 | |
| | Elective | | 3 | |
| | Subtotal | | | 17 |
| | Subtotal | | | 12 |
| | Yearly Totals | | | 29 |
| | <p>Take Praxis II and PLT.</p> | | | |

* FALS Requirement Temporarily Suspended **Total Hours Required: 120**

Major Electives: Choose two of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 222 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; PHYS 203.