| Major/Program | Chemistry, Health Sciences |
|---------------|----------------------------|
| College | Science and Mathematics |
| Department | Physical Science |
| Contact | Dr. Dave Slimmer, Dean |

Lander University 4 - Year Major Guide

| | Firs | st Semester | | Sec | ond Semester | | TOTALS |
|------------------------|---|---|---|---|---|------------------------------------|-----------------------|
| | Course | Notes | Hours | Course | Notes | Hours | - |
| | BIOL 111 | | 4 | BIOL 112 | | 4 | |
| ₹ | CHEM 111 | | 4 | CHEM 112 | | 4 | |
| ĕ | MATH 123 | Core Academic Skills (General | 3 | CHEM 197 | | | |
| > | | Education) | · | | | 1 | |
| First Year | ENGL 101 | Core Academic Skills (General Education) | 3 | CHEM 198 | | 1 | |
| 這 | LINK 101 | LINK (General Education) | 1 | MATH 211 | Scientific and Mathematics (General Education) | 3 | |
| | | | | ENGL 102 | Core Academic Skills (General Education) | 3 | |
| | | | | | Zaabationy | | Yearly Totals |
| | | Subtotal | 15 | • | Subtotal | 16 | → 31 |
| | Firs | st Semester | | Sec | ond Semester | | |
| 늘 | Course | Notes | Hours | Course | Notes | Hours | |
| ä | CHEM 221 | | 4 | CHEM 222 | | 4 | |
| ٣ | CHEM 330 | | 5 | CHEM 199 | | 1 | |
| _ | PSYC 101 | Behavioral and Social | 3 | CHEM 331 | | 4 | |
| 2 | F31C 101 | (General Education) | 3 | CHEW 331 | | 4 | |
| Second Year | HIST 111 or POLS 101 | Founding Documents (General Education) | 3 | SOCI 101 | Behavioral and Social (General Education) | 3 | |
| ě | | | | General Education | Humanities and Fine Arts | 3 | |
| U) | | | | | (General Education) | • | |
| | | | | | | | Yearly Totals |
| | | Subtotal | 15 | | Subtotal | 15 | → 30 |
| | | | | Second Semester | | | |
| | Firs | st Semester | | Sec | ond Semester | | |
| | | st Semester | Hours | | ond Semester | Hours | |
| ä | Course PHYS 201 or 211 | Notes Scientific and Mathematics | Hours 4 | Sec Course PHYS 202 or 212 | ond Semester Notes | Hours 4 | |
| /ear | Course PHYS 201 or 211 | Notes | 4 | Course PHYS 202 or 212 | | 4 | |
| Year | Course PHYS 201 or 211 BIOL 202 | Notes Scientific and Mathematics (General Education) | 4 | Course PHYS 202 or 212 BIOL 203 | Notes | 4 | |
| rd Year | Course PHYS 201 or 211 BIOL 202 * Emphasis | Notes Scientific and Mathematics | 4 | Course PHYS 202 or 212 | | 4 | |
| Third Year | Course PHYS 201 or 211 BIOL 202 | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts | 4 | Course PHYS 202 or 212 BIOL 203 | Notes World Cultures (General | 4 | |
| Third Year | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement | Notes Scientific and Mathematics (General Education) see note below | 4 4 3 | Course PHYS 202 or 212 BIOL 203 General Education | Notes World Cultures (General | 4 4 3 | |
| Third Year | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) | 4 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective | Notes World Cultures (General Education) | 4 4 3 3 3 | Yearly Totals → 31 |
| Third Year | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective | Notes World Cultures (General Education) Subtotal | 4 4 3 3 | Yearly Totals → 31 |
| Third Year | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective | World Cultures (General Education) Subtotal ond Semester | 4 4 3 3 3 17 — | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective | Notes World Cultures (General Education) Subtotal | 4 4 3 3 3 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 3 14 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis | World Cultures (General Education) Subtotal ond Semester | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec | World Cultures (General Education) Subtotal ond Semester | 4 4 3 3 3 17 — | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal | 4 4 3 3 3 Hours 4 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis | World Cultures (General Education) Subtotal ond Semester | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 14 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 14 Hours 4 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 4 Hours 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 14 Hours 4 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 - Hours 3 0 3 3 | |
| Fourth Year Third Year | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 4 Hours 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective Elective | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 | |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 4 Hours 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 - Hours 3 0 3 3 | → 31 |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes see note below | 4 4 3 3 4 Hours 4 3 3 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective Elective | World Cultures (General Education) Subtotal ond Semester Notes University Requirement | 4 4 3 3 3 17 Hours 3 0 3 3 3 3 3 3 | → 31 Yearly Totals |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes | 4 4 3 3 4 Hours 4 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective Elective | World Cultures (General Education) Subtotal ond Semester Notes | 4 4 3 3 3 17 | → 31 |
| | Course PHYS 201 or 211 BIOL 202 * Emphasis Requirement General Education Firs Course CHEM 401 * Emphasis Requirement Elective | Notes Scientific and Mathematics (General Education) see note below Humanities and Fine Arts (General Education) Subtotal st Semester Notes see note below | 4 4 3 3 4 Hours 4 3 3 3 3 | Course PHYS 202 or 212 BIOL 203 General Education Elective Elective Sec Course * Emphasis Requirement FALS 101 PSCI 499 Elective Elective | World Cultures (General Education) Subtotal ond Semester Notes University Requirement | 4 4 3 3 3 17 | Yearly Totals → 28 |

^{*} Emphasis Requirement (choose three of the following): SPCH 101, PHIL 302, BIOL 204, BIOL 321, PSYC 203, CHEM 301, and PEES 310