

**Sample Academic Plan: LBST Major, **Minor in Natural Sciences,****  
**Prerequisites for Multiple Subject Credential + Foundational Level General Science (FLGS)**  
**Credential Add-On**

| <b>FRESHMAN YEAR</b>  |    |   |    |
|---|----|---|----|
| <i>Attend Center for Careers in Teaching Seminar</i>                  |    |   |    |
| <b>Semester 1</b>   |    | <b>Semester 2</b>   |    |
| ENGL 101 (GE 1.B)   | 3  | <b>GEOL 101 or 102 (GE III.A.2, Minor)</b>  | 3  |
| Intro to the Arts (GE III.B.1)  | 3  | GEOG 100 (GE III.C.1)   | 3  |
| HIST 110A (GE II.A)   | 3  | HIST 110B (GE II.A)   | 3  |
| <b>BIOL 101 or 102 (GE III.A.2, Minor)</b>                            | 3  | GE Oral Communication (GE I.A)  | 3  |
| GE Mathematics (GE III.A.1)   | 3  | POSC 100 (GE II.B.2)  | 3  |
| Total Units:  | 15 | Total Units:  | 15 |
| <b>SOPHOMORE YEAR</b>   |    |   |    |
| <i>Take CBEST</i>   |    |   |    |
| <b>Semester 3</b>   |    | <b>Semester 4</b>   |    |
| <b>CHEM/PHYS 102 (GE III.A.2, Minor)</b>                              | 3  | LBST 300 (Major)  | 3  |
| GE U.S. History (GE II.B.1)   | 3  | LBST/HIST 302A (Major)  | 3  |
| ENGL 110, 111, 211, 212, 221 or 222 (GE III.B.2; Major)               | 3  | MATH 303A (Major)   | 3  |
| GE Critical Thinking (GE I.C)   | 3  | ART 380, DANC 471, MUS 433 or THTR 402A or (Major)  | 3  |
| AMST 395 (GE III.C.2, V, Major)                                       | 3  | <b>CHEM 303ABC, 311, 313ABC, or PHYS 301 (Minor)</b>  | 3  |
| Total Units:  | 15 | Total Units:  | 15 |
| <b>JUNIOR YEAR</b>  |    |   |    |
| <i>Take EWP ~ Attend Multiple Subject Credential Program Overview</i> |    |   |    |
| <b>Semester 5</b>   |    | <b>Semester 6</b>   |    |
| LBST 301 (Major)  | 3  | LBST 303 (Major)  | 3  |
| LBST/HIST 302B (Major)  | 3  | LBST 304 (Major)  | 3  |
| EDEL 315 (Credential Prerequisite)                                    | 3  | <b>BIOL 360 (Minor)</b>   | 3  |
| MATH 303B (Major)   | 3  | ENGL 341 or THTR 311 (Major; GE III.B.3)  | 3  |
| <b>BIOL 453 (Minor)</b>   | 3  | CAS 312 or 315 (GE IV; Credential Prereq.)  | 3  |
| GEOL 410 (Major, <b>Minor</b> )                                       | 3  | Total Units:  | 15 |
| Total Units:  | 18 | <i>File for Graduation Check<br/>Take CSETs #118 and 119</i>  |    |
| <b>SENIOR YEAR</b>  |    |   |    |
| <b>Semester 7</b>   |    | <b>Semester 8</b>   |    |
| <i>Apply to Credential Program<br/>Reapply to CSUF</i>                |    | <b>Graduate with BA = 120+</b>  |    |
| LBST 305 (Major)  | 3  | <ul style="list-style-type: none"> <li>• Start Credential Program</li> <li>• 12 units needed to graduate</li> <li>• Complete a 9/10<sup>th</sup> semester(s) to finish credential program.</li> </ul> |    |
| LBST/PHIL 401 (Major)   | 3  |   |    |
| Senior Seminar (Major)  | 3  |   |    |
| ENGL 206 or 303 (Major)   | 3  |   |    |
| EDEL 325 (GE III.C.2, V; Credential Prereq)                           | 3  |   |    |
| Total Units   | 15 |   |    |

- NOTE: 120 units minimum needed to graduate.
- This plan is intended to be a sample only. It should not replace early and frequent consultation with LBST, Natural Sciences, and CCT academic advisors as requirements are subject to change.
- Recommendations for the Minor in Natural Sciences emphasize coursework designed for elementary/middle school science teachers and include courses from all four science disciplines in order to prepare candidates for the CSET Foundational Level General Science Subtests #118 and 119.