

LIFE SCIENCE CERTIFICATION PLAN (POST-BAC)

Since this plan and the listed exams are subject to change, this plan should be completed within a period of three calendar years.

CONTENT AREA--57-58 hours

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| <p>1. _____ BIOL 1403--Biology I
Prerequisite: Minimum composite SAT reading plus math total of 1100 or a minimum composite ACT score of 24 or a minimum AP Biology score of 5</p> <p>2. _____ BIOL 1404--Biology II
Prerequisite: BIOL 1403</p> <p>3. _____ BIOL 3120--Cell Biology Laboratory
Prerequisite or corequisite: BIOL 3320</p> <p>4. _____ BIOL 3320--Cell Biology
Prerequisite: BIOL 1403, 1404, 3416 and junior standing</p> <p>5. _____ BIOL 3416--Genetics
Prerequisite: BIOL 1401, 1402 or 1403</p> <p>6. _____ CHEM 1307--Principles of Chemistry I
Prerequisite: CHEM 1301 or a score of 50 or better on the Chemistry Placement Exam
Corequisite: CHEM 1107</p> <p>7. _____ CHEM 1107--Principles of Chemistry I (Laboratory)
Corequisite: CHEM 1307</p> <p>8. _____ CHEM 1308--Principles of Chemistry II
Prerequisite: CHEM 1307
Corequisite: CHEM 1108</p> | <p>9. _____ CHEM 1108--Principles of Chemistry II (Laboratory)
Prerequisite: CHEM 1107
Corequisite: CHEM 1308</p> <p>10. _____ CHEM 3305--Organic Chemistry I
Prerequisite: CHEM 1308
Corequisite: CHEM 3105 is recommended.</p> <p>11. _____ CHEM 3105--Organic Chemistry Laboratory I
Prerequisite: CHEM 1108
Corequisite: CHEM 3305</p> <p>12. _____ MBIO 3401--Principles of Microbiology
Prerequisite: BIOL 1401 and 1402 or BIOL 1403 and 1404
Prerequisite or parallel: CHEM 3305</p> <p>13. _____ PHYS 1403--General Physics I
Prerequisite: MATH 1320 and MATH 1321 or 1550, 1351, 1352, 2322, 2323, 2350, 2360, 3350, 3351, 3354 or 4354</p> <p>14. _____ PHYS 1404--General Physics II
Prerequisite: PHYS 1403</p> <p>15. _____ ZOOL 3405--Vertebrate Structure and Development
Prerequisite: BIOL 1402 or BIOL 1404</p> |
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Choose ONE from:

- _____ BOT 3401--Plant Physiology
Prerequisite: CHEM 3305 and BIOL 1401 or BIOL 1403 and 1404
- _____ BOT 3403--Comparative Morphology of Plants
Prerequisite: BIOL 1403 and 1404 or equiv.
- _____ BOT 3404--Evolution and Classification of Plants
Prerequisite: BIOL 1401 or 1404
- _____ BOT 4304--Plant Molecular Biology
Prerequisites: BIOL 1403, 1404, 3416, 3320

Choose ONE from:

- _____ ZOOL 3406--Comparative Invertebrate Zoology
Prerequisite: BIOL 1401 and 1402 or BIOL 1403 and 1404
- _____ ZOOL 4407--Natural History of the Vertebrates
Prerequisite: BIOL 1401 and 1402 or BIOL 1403 and 1404

Choose TWO from:

- _____ BIOL 3307--Population Biology
Prerequisite: BIOL 3309
- _____ BIOL 3309--Principles of Ecology
Prerequisite: BIOL 1305 or 1401 or 1402 or 1404
- _____ BIOL 4305--Organic Evolution
Prerequisite: BIOL 3416
- _____ ZOOL 4312--Animal Behavior
Prerequisite: BIOL 1404 or BIOL 3309

⇒ The State of Texas does criminal background checks on all applicants for Teacher Certification.
⇒ The undergraduate requirements and/or the certification requirements may change according to state regulations.

By signing below, I signify that I understand the contents of this document.

Student Signature: _____	Date: _____
Certification Advisor Signature: _____	Date: _____
Degree Advisor Signature: _____	Date: _____