Biology, A.S. – T // Biology, B.S.



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Required by ADT | | 29-38 | | To be completed at La Verne | | 68 | | |
| General Education | | 38-39 | | Supportive | | 5 | | |
| Core | | 8-12 | | Core Introductory | | 0 | | |
| List A | | 21-22 | | Core Foundational | | 12 | | |
| List B | | 0-4 | | Core Mastery | | 6-10 | | |
| General Education | | 0 | | Theme | | 12 | | |
| Total | | 67-81 | | LVE | | 4 | | |
|  | |  | | General Electives | | 25-29 | | |
| La Verne Requirements completed with ADT: | | | | C-ID | | | | |
| CHEM 201 – General Chemistry I [Supportive] | | | | 5 LD | CHEM 120S – General Chemistry Sequence [List A] | | | |
| CHEM 202 – General Chemistry II [Supportive] | | | | 5 LD | CHEM 120S – General Chemistry Sequence [List A] | | | |
| Any 200-400 MATH, PHYS, CHEM, NASC course [Supportive] | | | | 4 LD | MATH 210 – Single Variable Calculus I [List A] | | | |
| MATH 105 – Precalculus [Supportive] | | | | 4 LD | [Should be satisfied by prerequisite to MATH 210] [List A] | | | |
| PHYS 203 – Physics I: Mechanics [Supportive] | | | | 4 LD | PHYS 205 – Calculus-Based Physics for Scientists and Engineers: A [List A] | | | |
| BIOL 201 – General Biology I [Core Introductory] | | | | 4 LD | BIOL 135S – Biology Sequence for Majors [Core] | | | |
| BIOL 202 – General Biology II {Core Introductory] | | | | 4 LD | BIOL 135S – Biology Sequence for Majors [Core] | | | |
| One, 200-400 level elective biology or advisor approved course [Core Foundational] | | | | 4 LD | List B – Additional major preparation course [List B] | | | |
| ADT Requirements with no La Verne equivalent: | | | | | | | | |
| PHYS 210 – Calculus-Based Physics for Scientists and Engineers: B [Supportive] | | | | 4 LD |  | | | |
| Courses to be completed at La Verne: | | | | | | | LD | UD |
| CHEM 311 | Supportive | | Organic Chemistry I | | | |  | 5 |
| BIOL 310 | Core Foundational | | Cell Biology | | | |  | 4 |
| BIOL 311 | Core Foundational | | Genetics | | | |  | 4 |
| BIOL 323 | Core Foundational | | Ecology | | | |  | 2 |
| BIOL 378 | Core Foundational | | Evolution and Biosystematics | | | |  | 2 |
| Core Mastery courses: 6-10 semseter hours | | | | | | | | |
| BIOL 381 | Core Mastery | | Research Writing in the Sciences | | | |  | 2 |
| BIOL 382  or  BIOL 383 | Core Mastery | | Statistics for Life Sciences  or  Statistics and Applications for Life Sciences | | | |  | 2  Or  4 |
| BIOL 499A  and  BIOL 499B  or  BIOL 499 | Core Mastery | | Senior Seminar  and  Senior Seminar  or  Senior Seminar | | | |  | 1  and  1-3  or  0 |
| Additional Biology Requirements | Themes | | One course (4 semester hours) from each theme. Themes: Environmental, Applied/Translational and, Integrative/Interdisciplinary | | | |  | 12 |
| LVE 200 |  | | University Values | | | | 2 |  |
| LVE 300 |  | | Community Engagement | | | |  | 1 |
| LVE 400 |  | | University Reflection | | | |  | 1 |
| General Electives |  | |  | | | | 24 | 1-5 |
| Subtotals |  | |  | | | | 24 | 44 |
| Total |  | |  | | | | 68 | |

