

**Las Positas College**  
**Sequence: CHEM 31 → CHEM 1A**  
**Timeframe: Fall 2015 → Summer 17**

**STARTING COHORT: Fall 2015 CHEM 31 Success Rates by Demographic**

| CHEM 31                 |                          | Fall 2015 |            |             |           |            |            |            |
|-------------------------|--------------------------|-----------|------------|-------------|-----------|------------|------------|------------|
|                         |                          | Success   |            | Non-success |           | Withdrawal |            | Total      |
| Gender                  | Female                   | 23        | 64%        | 1           | 3%        | 12         | 33%        | 36         |
|                         | Male                     | 44        | 71%        | 6           | 10%       | 12         | 19%        | 62         |
| Race-Ethnicity          | African American         | *         |            | *           |           | *          |            | *          |
|                         | Asian American           | 14        | 82%        | 0           | -         | 3          | 18%        | 17         |
|                         | Filipino                 | *         |            | *           |           | *          |            | *          |
|                         | Latino                   | 20        | 67%        | 3           | 10%       | 7          | 23%        | 30         |
|                         | White                    | 26        | 65%        | 1           | 3%        | 13         | 33%        | 40         |
|                         | Multi-Ethnic             | *         |            | *           |           | *          |            | *          |
| Age                     | 24 or younger            | 62        | 70%        | 7           | 8%        | 19         | 22%        | 88         |
|                         | 25 or older              | 8         | 62%        | 0           | -         | 5          | 38%        | 13         |
| Disability              | Any Disability           | *         |            | *           |           | *          |            | *          |
|                         | No Disability            | 68        | 73%        | 7           | 8%        | 18         | 19%        | 93         |
| Full Time/<br>Part Time | Full Time (12+ units)    | 54        | 82%        | 1           | 2%        | 11         | 17%        | 66         |
|                         | Part Time (6-11.5 units) | 15        | 50%        | 5           | 17%       | 10         | 33%        | 30         |
|                         | Part Time (0-5.5 units)  | *         |            | *           |           | *          |            | *          |
| <b>Total Students</b>   |                          | <b>70</b> | <b>69%</b> | <b>7</b>    | <b>7%</b> | <b>24</b>  | <b>24%</b> | <b>101</b> |

**COURSE SEQUENCE RESULTS: Outcomes in CHEM 1A (by Summer 17) of Students Successfully Completing CHEM 31 in Fall 2015**

| Of 70 succeeding in CHEM 31: |                          | by Summer 17        |                          | Throughput**<br>CHEM 31 to CHEM 1A |
|------------------------------|--------------------------|---------------------|--------------------------|------------------------------------|
| CHEM 1A                      |                          | Enrolled in CHEM 1A | Success Rates in CHEM 1A |                                    |
| Gender                       | Female                   | 57%                 | 69%                      | 25%                                |
|                              | Male                     | 66%                 | 86%                      | 40%                                |
| Race-Ethnicity               | African American         | *                   | *                        | *                                  |
|                              | Asian American           | 71%                 | 90%                      | 53%                                |
|                              | Filipino                 | *                   | *                        | *                                  |
|                              | Latino                   | 75%                 | 73%                      | 37%                                |
|                              | White                    | 62%                 | 88%                      | 35%                                |
|                              | Multi-Ethnic             | *                   | *                        | *                                  |
| Age                          | 24 or younger            | 68%                 | 81%                      | 39%                                |
|                              | 25 or older              | 25%                 | 100%                     | 15%                                |
| Disability                   | Any Disability           | *                   | *                        | *                                  |
|                              | No Disability            | 62%                 | 81%                      | 37%                                |
| Full Time/<br>Part Time      | Full Time (12+ units)    | 69%                 | 84%                      | 47%                                |
|                              | Part Time (6-11.5 units) | 47%                 | 71%                      | 17%                                |
|                              | Part Time (0-5.5 units)  | *                   | *                        | *                                  |
| <b>Total Students</b>        |                          | <b>63%</b>          | <b>82%</b>               | <b>36%</b>                         |

Note: \*Categories with less than 10 students are not shown.

\*\*Throughput is the percent of students enrolled in CHEM 31 who succeeded in CHEM 1A.

If a student repeats a course within the time period then the latest grade is taken for determining enrollment and success in the second course.