

Chabot College

CHEM 31 → CHEM 1A  
Fall 2019 → Spring 2021

CHEM  
Success-Rates of Various Socio-Demographic Groups in CHEM 31 Fall 2019

| Fall 2019 CHEM 31 | Total Students |             | Gender    |             |           |             | Race-Ethnicity* ** |             |           |             |           |             |           |             | Age       |             |               |             |             |             |
|-------------------|----------------|-------------|-----------|-------------|-----------|-------------|--------------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|---------------|-------------|-------------|-------------|
|                   |                |             | Female    |             | Male      |             | African Ame        |             | Asian Ame |             | Filipinx  |             | Latinx    |             | White     |             | 24 or younger |             | 25 or older |             |
| Success           | 87             | 56%         | 38        | 52%         | 47        | 59%         |                    | 26          | 81%       | 12          | 63%       | 36          | 49%       | 7           | 54%       | 78          | 58%           | 9           | 43%         |             |
| Non-success       | 29             | 19%         | 21        | 29%         | 8         | 10%         |                    | 1           | 3%        | 2           | 11%       | 21          | 29%       | 3           | 23%       | 26          | 19%           | 3           | 14%         |             |
| Withdrawal        | 39             | 25%         | 14        | 19%         | 25        | 31%         |                    | 5           | 16%       | 5           | 26%       | 16          | 22%       | 3           | 23%       | 30          | 22%           | 9           | 43%         |             |
| <b>Total</b>      | <b>155</b>     | <b>100%</b> | <b>73</b> | <b>100%</b> | <b>80</b> | <b>100%</b> | <b>8</b>           | <b>100%</b> | <b>32</b> | <b>100%</b> | <b>19</b> | <b>100%</b> | <b>73</b> | <b>100%</b> | <b>13</b> | <b>100%</b> | <b>134</b>    | <b>100%</b> | <b>21</b>   | <b>100%</b> |

\* Race and ethnicity are grouped according to federal guidelines.

\*\* Native American and Pacific Islander students are not shown to protect student privacy in groups with small numbers.

Percentage of Successful Fall 2019 CHEM 31 Students Who Go on to Enroll or Succeed in CHEM 1A by Spring 2021

| by Spring 2021                 | Total Students |  | Gender |  |      |  | Race-Ethnicity |     |           |     |          | Age    |  |       |     |               |  |             |
|--------------------------------|----------------|--|--------|--|------|--|----------------|-----|-----------|-----|----------|--------|--|-------|-----|---------------|--|-------------|
|                                |                |  | Female |  | Male |  | African Ame    |     | Asian Ame |     | Filipinx | Latinx |  | White |     | 24 or younger |  | 25 or older |
| Enrolled in CHEM 1A            | 70%            |  | 71%    |  | 68%  |  |                | 77% |           | 75% |          | 67%    |  |       | 69% |               |  |             |
| Succeeded in CHEM 1A*          | 48%            |  | 42%    |  | 51%  |  |                | 69% |           | 50% |          | 39%    |  |       | 47% |               |  |             |
| 31 to 1A Enrollee Succ. Rate** | 69%            |  | 59%    |  | 75%  |  |                | 90% |           | 67% |          | 58%    |  |       | 69% |               |  |             |

\* If a student repeats CHEM 1A by Spring 2021 then the latest grade is taken for determining success.

\*\* 31 to 1A Enrollee Success Rate: the number of students who successfully completed CHEM 1A by Spring 2021 (numerator) out of the number of students who successfully completed CHEM 31 in Fall 2019 and continued on to enroll in CHEM 1A by Spring 2021 (denominator).

**Note: Success rates are hidden when there are < 10 students in a group.**