

# TRACER STUDY REPORT 2024

## BACHELOR OF CHEMISTRY EDUCATION PROGRAM

### MULAWARMAN UNIVERSITY

#### 1. RESPONDENTS

The tracer study in the 2024 report includes responses from alumni from 2016-2019 cohorts, with a total of 35 alumni respondents.

Table 1. Total of respondents for alumni from 2016-2019 cohorts

| Cohort       | Total of Respondents |
|--------------|----------------------|
| 2016         | 3                    |
| 2017         | 5                    |
| 2018         | 14                   |
| 2019         | 13                   |
| <b>Total</b> | <b>35</b>            |

#### 2. GRADUATE EMPLOYMENT RATE

The employment rate of alumni measures the effectiveness of BCE program curriculum in preparing graduates who are ready to compete and be accepted by the labor market. The employment rate of alumni refers to the percentage of graduates who successfully obtain relevant jobs or continue their studies after graduation. This indicator is a key measure of the BCE program success, reflecting the alignment of its curriculum with the needs of the workforce. The data in Figure 1 shows a high level of employment in the workforce (>75% of alumni are employed).

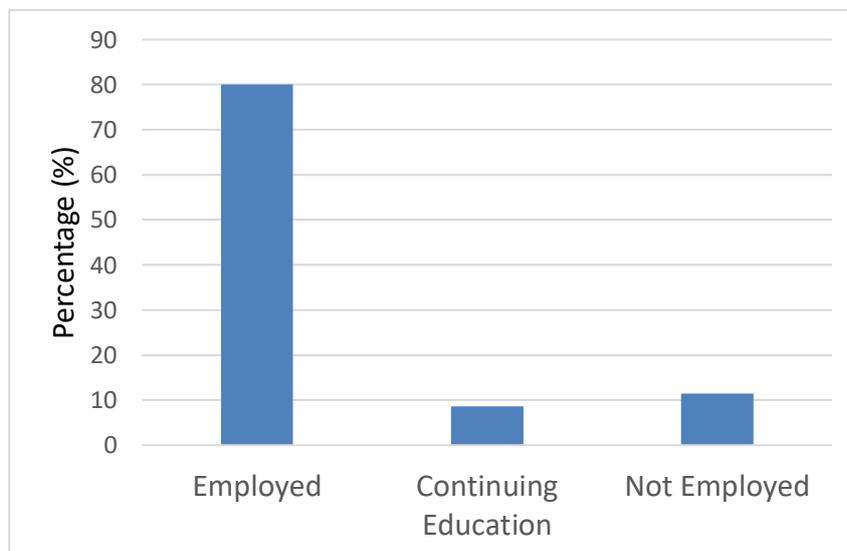


Figure 1. Graduates Employment Rate

### 3. CAREER PATH

This career path analysis serves as the basis for BCE study programs to evaluate their curriculum. Based on data in Figure 2, most alumni with a bachelor's degree in Chemistry Education work as chemistry/science teachers in elementary/secondary schools. Others choose to become entrepreneurs, such as opening businesses and tutoring services, as well as working in government and private companies. This indicates that the study program has equipped its graduates with pedagogical and scientific competencies that support their career achievements in the world of work.

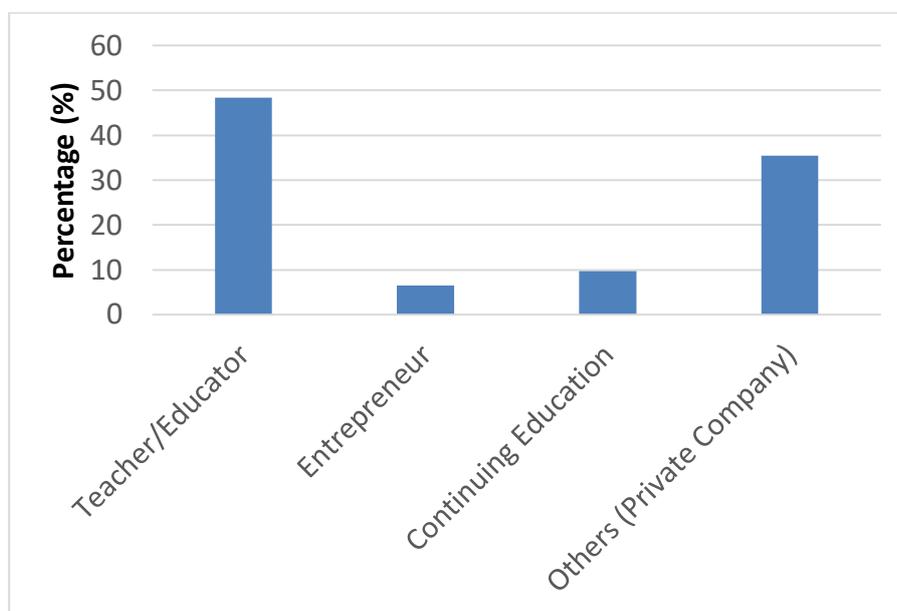


Figure 2. Career Paths of BCE Program Alumni