FMIPA UNMUL

ADMISSION AND ENROLLMENT DATA REPORT (2018–2024)

QUALITY ASSURANCE UNIT

STATISTICS STUDY PROGRAMME

FACULTY OF MATHEMATICS AND NATURAL SCIENCES

UNIVERSITAS MULAWARMAN

APPROVAL SHEET

Bachelor of Statistics Study Program
Faculty of Mathematics dan Natural Sciences
Universitas Mulawarman

This document has been reviewed and approved by the following authorities of the Bachelor of Statistics Studi Program as part of the internal academic and quality assurance processes.

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A. BACKGROUND AND OBJECTIVES

This *Admission and Enrollment Data Report* is prepared by the Bachelor of Statistics Study Program as part of the implementation of transparent and accountable academic governance. Admission and enrollment data are essential elements for monitoring the number of students admitted and their distribution across cohorts, enabling the study program to ensure that student admissions align with the program's capacity and strategic planning.

This report also serves as a foundation for planning faculty workload, managing learning resources, and developing curricula based on student needs. Through data management integrated with the Academic Integrated System (AIS) of Mulawarman University, the study program can provide accurate and up-to-date data for evaluating program performance and fulfilling academic quality assurance indicators.

The preparation of this report supports the implementation of the Internal Quality Assurance System (IQAS) and contributes to national and international accreditation processes, including ASIIN, as part of the Statistics study program's commitment to continuous quality improvement in academic services. Furthermore, this report serves as a reference for strategic decision-making within the study program in managing intake capacity and monitoring student progress to ensure timely graduation in accordance with the established learning outcomes.

The objectives of preparing this *Admission and Enrollment Data Report* by the Ba Statistics study program are as follows:

1. To monitor and evaluate the number of admitted students and their distribution across cohorts, ensuring alignment with the program's capacity and established strategic targets.
2. To provide accurate and up-to-date data to support resource planning within the study program, including faculty workload planning and learning resource management.
3. To serve as a basis for strategic decision-making within the study program regarding intake planning, monitoring of student study progression, and strategies to improve on-time graduation rates.

4. To support the implementation of the Internal Quality Assurance System (IQAS) and to fulfill data requirements for both national and international accreditation processes, including ASIIN accreditation.
5. To support curriculum evaluation and development based on data, ensuring that the curriculum aligns with student needs and maintains relevance to workforce demands.

Method

Data collection was carried out through the Directorate of Academic Administration at Universitas Mulawarman. The collected data consisted of the number of applicants and the number of admitted students for each year. The admission rate was then calculated using the following formula:

$$Admission\ Rate = \frac{Number\ of\ Admitted\ Students}{Number\ of\ Aplicants} \times 100\%$$

Indicator

The indicator for exceeding the admission rate refers to the standard document of the Faculty of Mathematics and Natural Sciences at Universitas Mulawarman, issued in 2020. In that document, it is stated that the ideal selection ratio for undergraduate program applicants is 1:5, which is equivalent to an admission rate of 20%.

B. ADMISSION AND ENROLLMEN DATA

Presented below are the admission and enrollment data of the Ba Statistics Study Program for the years 2018 to 2024.

Table 1. Admission And Enrollment Data

Year	Capacity	Number of Aplicant	Admitted Students	Admision Rate
2018	79	389	58	2.87%
2019	66	336	58	2.87%
2020	77	337	68	3.37%
2021	67	355	64	3.17%

Year	Capacity	Number of Aplicant	Admitted Students	Admision Rate
2022	73	287	68	3.36%
2023	78	252	74	3.66%
2024	78	204	78	3.85%

C. ANALYSIS AND FOLLOW-UP PLANS

An analysis was conducted based on the data presented in Table 1, and the following line graph illustrates the results.

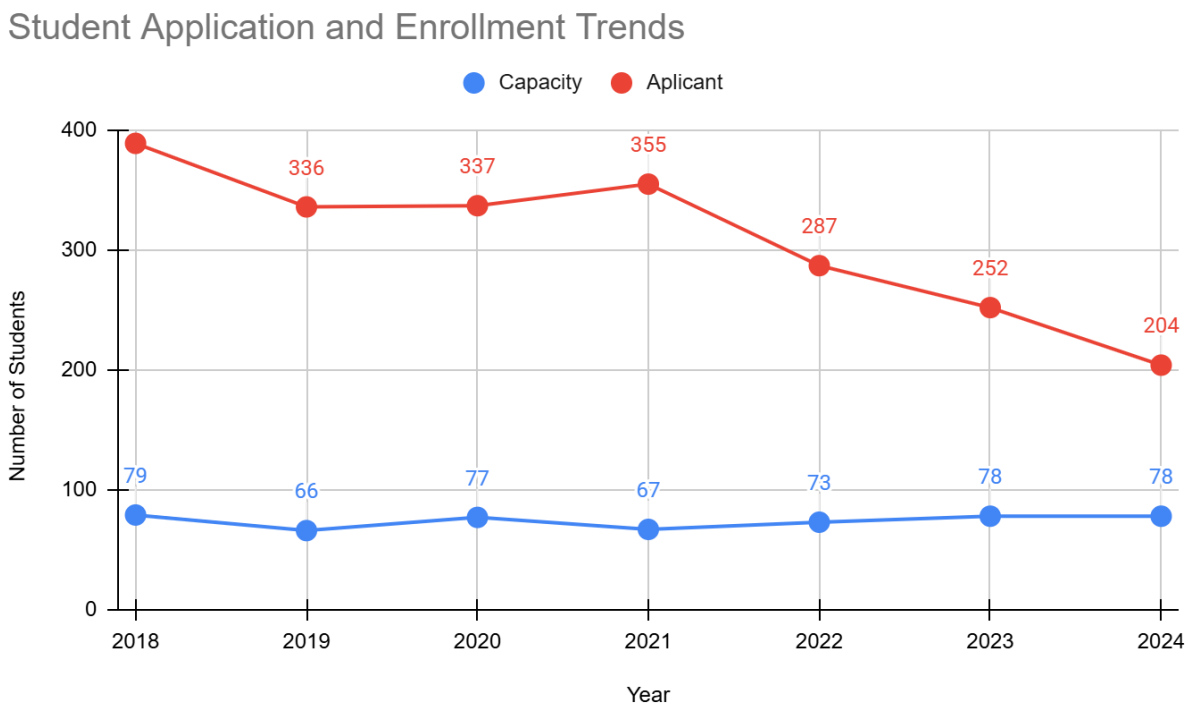

Figure 1. Line Graph of Admision Rate

Based on the data presented in Figure 1, the number of applicants to the Ba Statistics Program has shown a significant downward trend from 2018 to 2024. In 2018, the number of applicants reached 389, but this figure steadily declined to only 204 by 2024. Meanwhile, the program's intake capacity remained relatively stable, ranging between 66 and 79 students per year. This decline in applicants is likely influenced by various factors, one of which is the COVID-19 pandemic that occurred between 2020 and 2022, accompanied by social distancing measures and reduced mobility of prospective students.

Additionally, since 2020, similar study programs have begun to emerge at other universities, creating direct competition—particularly from Universitas Mulawarman, which launched a comparable program and became an alternative choice for prospective students in East Kalimantan and surrounding areas. The presence of such competing programs has expanded options for applicants and contributed to the decreasing interest in the BA Statistics Program at this university.

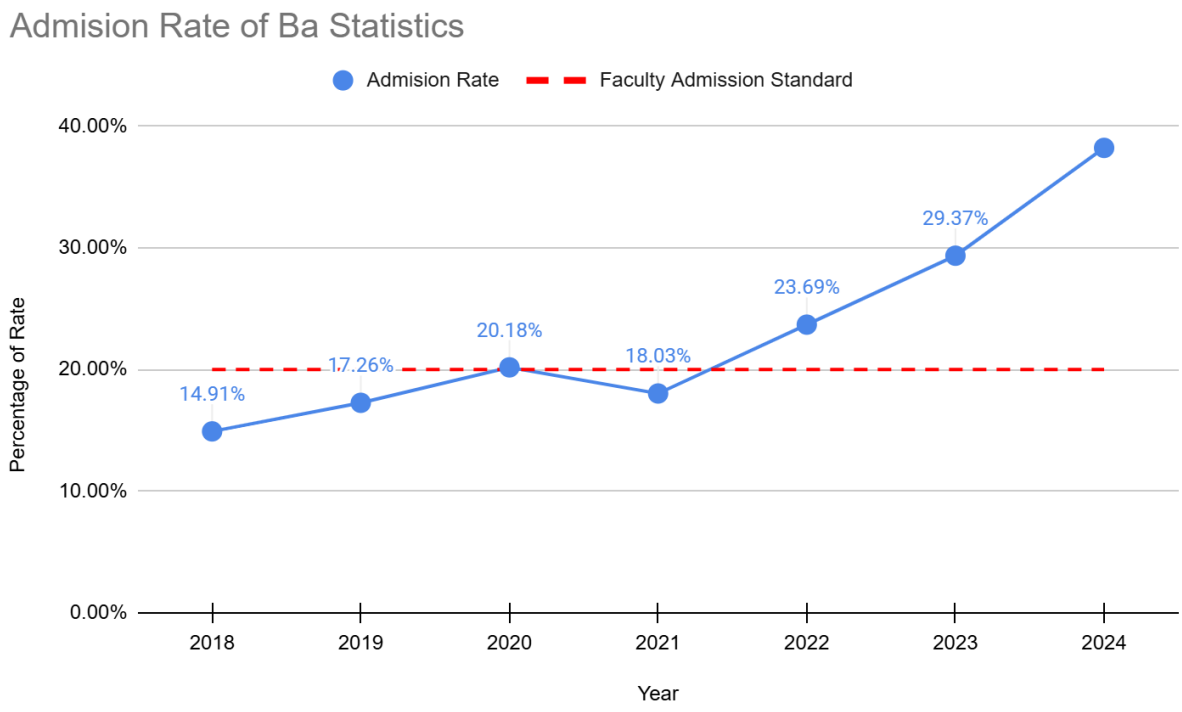

Figure 2. Line Graph of Admision Rate

Figure 2, which shows the admission rate, indicates that only in the years 2018 (14.91%), 2019 (17.26%), and 2021 (18.03%) did the program meet the faculty's standard admission rate of below 20%. In the remaining years, the admission rate continued to increase, reaching as high as 39.22% in 2024. This increase was not due to a rise in intake capacity, but rather the declining number of applicants without a corresponding adjustment in the number of students admitted. Logically, a higher admission rate reflects a more lenient selection process, which may potentially reduce the quality of incoming students. In this context, a lower admission rate is ideal as it indicates a more rigorous and competitive selection process.

In response to the declining number of applicants and the increasing admission rate in the BA Statistics Study Program, a comprehensive and strategic follow-up plan must be implemented to restore competitiveness and ensure academic quality. Guided by the PPEPP (Determination, Implementation, Evaluation, Control, and Improvement) framework of internal quality assurance, the program should first re-evaluate and establish clear targets for admission, keeping the rate ideally below the 20% faculty benchmark. Implementation measures may include adjusting the student intake quota based on the applicant trend, strengthening the program's unique positioning—such as curriculum specialization, industry involvement, or alumni achievements—and enhancing promotional efforts through digital campaigns, alumni engagement, and participation in education fairs targeting high school students in East Kalimantan and nearby regions. Additionally, curriculum refinement should involve feedback from alumni and industry partners to maintain relevance with job market needs.

The next phases—evaluation, control, and improvement—require the program to actively monitor feedback from prospective students who did not enroll, assess promotional effectiveness, and evaluate academic quality indicators. Competitor programs, particularly those at Universitas Mulawarman, should also be monitored to adapt to changing dynamics. Control mechanisms should ensure consistent implementation of corrective actions, while the improvement phase involves establishing an internal review team to conduct periodic evaluations, generate annual performance reports, and inform strategic planning. Through this systematic application of PPEPP, the program can address current enrollment challenges while fostering a sustainable system for continuous academic improvement and competitiveness.

D. CONCLUSION

Based on the analysis of applicant numbers and admission rates in the Ba Statistics Program from 2018 to 2024, a significant downward trend in applicants was observed, accompanied by a rising admission rate that exceeded the faculty's ideal standard. This trend is influenced by several external factors, including the COVID-19 pandemic and the emergence of similar programs at competing universities—most notably Universitas Mulawarman—

since 2020. These developments indicate a decline in the program's competitiveness, which, if left unaddressed, could impact both academic quality and institutional reputation. Therefore, a structured and strategic response is required, grounded in the PPEPP (Planning, Implementation, Evaluation, Control, and Improvement) framework for quality assurance in higher education. Actions should include adjusting admission capacity policies, strengthening the program’s distinctiveness, enhancing digital and outreach promotions, engaging with external stakeholders, and conducting continuous internal evaluations. Through these measures, the Ba Statistics Program is expected to regain its appeal, maintain a rigorous selection process, and uphold its academic reputation in the face of increasing competition.