



# UNIVERSITI MALAYA

## An Overview of Student Application, Admission, and Graduation Data Analysis for the Academic Year 2023/2024

### Undergraduate Student

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## 1. Introduction

This report presents a comprehensive analysis of student applications, admissions, and graduation data at Universiti Malaya (UM) for the academic year 2023/2024. It offers insights into trends and patterns observed over multiple academic sessions leading up to 2023/2024, along with relevant remarks and observations to aid in interpreting the data.

The report's objective is to provide a detailed examination of UM's student application, admission, and graduation statistics for 2023/2024, offering a clearer understanding of the evolving trends within UM's student body across recent academic years, with a particular focus on the latest session.

Data for this analysis was sourced from university records, covering various academic sessions up to 2023/2024. The dataset includes information on student applications, admission rates, and graduate distribution. Quantitative and qualitative analyses were conducted to derive meaningful insights from the data.

## 2. Undergraduate Student Demographics (UG)

### 2.1 Application Trends:

#### Gender

Table 2.1.1 shows the distribution of undergraduate student applications to UM through the UPUonline platform managed by *Bahagian Kemasukan Pelajar* IPTA (BKPA JPT) for the academic sessions from 2019/2020 to 2023/2024. Table 2.1.2 further illustrates the gender dynamics among applicants during this period.

As shown in Table 2.1.2, the proportion of female applicants to UM has remained steady at approximately 60% from the 2019/2020 to the 2023/2024 sessions. In contrast, the percentage of male applicants has declined, reaching 33% in the most recent session. Nonetheless, the total number of applicants from both genders has trended upward across these academic sessions, with women making up an increasingly significant share of the applicant pool.

Table 2.1.1 displays the distribution of undergraduate student applications

GENDER	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
MALE	4038	3623	4732	12,023	3,628
FEMALE	5966	5328	7365	24,532	4,605
<b>Grand Total</b>	10004	8951	12097	36,555	8,233

Table 2.1.2 displays the distribution of undergraduate student applications in %

GENDER	2019/2020 (%)	2020/2021 (%)	2021/2022 (%)	2022/2023 (%)	2023/2024 (%)
MALE	40%	40%	39%	33%	44%
FEMALE	60%	60%	61%	67%	56%
<b>Grand Total</b>	100%	100%	100%	100%	100%

### **Student Status (Disability, OKU)**

Table 2.1.3 offers a comprehensive overview of applications to Universiti Malaya from the 2020/2021 to 2023/2024 academic sessions, focusing specifically on applicants categorized as OKU (*Orang Kurang Upaya*), or individuals with disabilities.

In the 2020/2021 academic year, applicants categorized as OKU made up only 0.4% of the total applicant pool, with 44 of 9,920 applicants falling into this category. In the following year, 2021/2022, the proportion of OKU applicants increased to 0.6%, representing 62 individuals.

However, a decrease in OKU applicants was noted in the 2021/2022 session, with only 0.2% (28 out of 8,923 applicants) identified as OKU. Despite this decline, there was a slight upward trend in the percentage of OKU applicants in 2022/2023, continuing into the 2023/2024 academic year.

For a detailed breakdown of these statistics, please refer to Table 2.1.3.

Table 2.1.3 Table of Student Status

DISABILITY	2020/2021	2020/2021 (%)	2021/2022	2021/2022 (%)	2022/2023	2022/2023 (%)	2023/2024	2023/2024 (%)
BLIND	4	0.04%	1	0.01%	9	0.07%	1	0.01%
COLOR BLIND	1	0.01%	2	0.02%	4	0.03%	7	0.09%
HANDICAP(LEG)	3	0.03%	1	0.01%	7	0.06%	4	0.05%
HANDICAP(HAND)	2	0.02%	2	0.02%	2	0.02%	2	0.02%
PARLYSIS							1	0.01%
STAMMER	1	0.01%	0	0.00%	1	0.01%	0	0.00%
OTHERS	6	0.06%	5	0.06%	12	0.10%	19	0.23%
DEAF	0	0.00%	0	0.00%	2	0.02%	0	0.00%
DEAF (NOT DEAF IF USING EQUIP)	2	0.02%	4	0.04%	7	0.06%	0	0.00%
LONG-SIGHTED/SHORT- SIGHTED	2	0.02%	13	0.15%	36	0.30%	41	0.50%
PARTIALLY BLIND	0	0.00%	0	0.00%	0	0.00%	0	0.00%
NON APPLICABLE (NORMALSTUDENT)	9982	99.79%	8895	99.69%	12,017	99.34%	8158	99.09%
<b>Grand Total</b>	10,003	100.00%	8,923	100.00%	12,097	100.00%	8,233	100.00%

## 2.2 Student Admission Distribution Gender

In the 2020/2021 academic session, an analysis of admissions at the University of Malaya (UM) shows that 62% of the 4,458 admitted students were female, while 38% were male. In the 2021/2022 session, this distribution remained largely consistent, with female students comprising 60.7% of the admitted cohort and male students making up 39.3%.

In the following academic session of 2022/2023, a slight shift in gender distribution was observed, with a 0.3% increase in the proportion of female admissions, indicating a gradual shift in the gender composition of the incoming student population. While in the 2023/2024 session, the percentage of female admissions slightly dropped by an a 0.11% compared to the previous session.

For a detailed breakdown, please refer to Table 2.2.1: Student Admission by Gender.

Table 2.2.1: Student Admission by Gender.

GENDER	INTAKE 2020/2021	INTAKE 2020/2021 (%)	INTAKE 2021/2022	INTAKE 2021/2022 (%)	INTAKE 2022/2023	INTAKE 2022/2023 (%)	INTAKE 2023/2024	2023/2024 INTAKE (%)
MALE	1716	38.5%	1770	39.3%	1705	38.5%	1926	39.6%
FEMALE	2742	61.5%	2734	60.7%	2725	61.5%	2935	60.4%
<b>Grand Total</b>	<b>4458</b>	<b>100%</b>	<b>4504</b>	<b>100%</b>	<b>4430</b>	<b>100%</b>	<b>4861</b>	<b>100%</b>

The University of Malaya (UM) actively measures and tracks the applications and admissions of underrepresented groups, including students with disabilities, ethnic minorities, low-income students, non-traditional students, women, LGBT students, and newly settled refugee students. By monitoring data across diverse categories of disability from 2020/2021 to 2023/2024, UM demonstrates its commitment to promoting inclusivity and equal access to education for all. This initiative aligns with Sustainable Development Goal 10 (SDG 10) — Reduced Inequalities — as UM strives to create an equitable academic environment that supports underrepresented and potentially marginalized groups, fostering a more diverse and inclusive campus community.

Table 2.2.2: Student Admission by Type of Disability.

DISABILITY	INTAKE 2020/2021	INTAKE 2020/2021 (%)	INTAKE 2021/2022	INTAKE 2021/20 22 (%)	INTAKE 2022/2023	INTAKE 2022/2023 (%)	INTAKE 2023/2024	INTAKE 2023/202 4 (%)
BLIND	2	0.05%	0	0.00%	4	0.09%	1	0.02%
MENTAL HEALTH							1	0.02%
LEARNING DISABILITIES							1	0.02%
COLOR BLIND	0	0.00%	2	0.04%	1	0.02%	2	0.04%
HANDICAP(LEG)	3	0.07%	1	0.02%	3	0.07%	2	0.04%
HANDICAP(HAND)	3	0.07%	2	0.04%	2	0.04%	2	0.04%
PARALYSIS							1	0.02%
OTHERS	6	0.14%	3	0.07%	7	0.16%	8	0.16%
DEAF (NOT DEAF IF USINGEQUIP)	1	0.02%	2	0.04%	1	0.02%	0	0.00%
LONG-SIGHTED/SHORT- SIGHTED	19	0.45%	10	0.22%	22	0.49%	15	0.31%
NONE	4234	99.20%	4438	99.55%	4458	98.98%	4828	99.32%
<b>Grand Total</b>	<b>4268</b>	<b>100%</b>	<b>4458</b>	<b>100%</b>	<b>4504</b>	<b>100%</b>	<b>4861</b>	<b>100%</b>

The table 2.2.2 provides an overview of the number and proportion of students with disabilities at the University of Malaya (UM) across four academic years, from 2020/2021 to 2023/2024. It categorizes various disabilities, such as visual impairments (blind, partially blind, and color blindness), physical disabilities (handicap in leg or hand), and other conditions, tracking UM's inclusivity efforts to accommodate diverse student needs. Here is a detailed breakdown of the data:

#### 1. Visual Impairments:

- **Blind:** The number of blind students has fluctuated, with a slight increase in 2022/2023 (0.07%) and returning to 0.01% in 2023/2024.
- **Color Blind:** The incidence of color-blind students has gradually increased, from 0.01% in 2020/2021 to 0.09% in 2023/2024.
- **Partially Blind:** No partially blind students were recorded over the four years.

#### 2. Physical Disabilities:

- **Handicap (Leg):** This category saw a minor increase to 0.06% in 2022/2023 but decreased to 0.05% in 2023/2024.
- **Handicap (Hand):** This group has remained stable, with a consistent 0.02% of students across the years.

#### 3. Other Disabilities:

- **Paralysis:** A new case was recorded in 2023/2024, marking the first time a student with paralysis was documented.
- **Stammer:** Minimal representation, with only one recorded case in 2020/2021 and 2022/2023.
- **Other Conditions:** The category labeled "Others" has seen a significant increase, reaching 0.23% in 2023/2024.

#### 4. Hearing Impairments:

- **Deaf:** Very low representation, with only two cases in 2022/2023 and none in other years.
  - **Deaf (using equipment):** Increased slightly in 2022/2023 but was reduced to zero in 2023/2024.
5. **Visual Acuity Issues:**
- **Long-sighted/Short-sighted:** This category saw a notable rise, with the number of affected students increasing to 0.50% in 2023/2024.
6. **Non-Applicable (Normal Students):**
- The majority of the student population does not report any disabilities, consistently comprising over 99% of the total student body each year. However, this percentage has slightly decreased, from 99.79% in 2020/2021 to 99.09% in 2023/2024.

This detailed tracking of students with disabilities is a crucial step in UM's commitment to **Sustainable Development Goal 10 (SDG 10)** — Reduced Inequalities. By measuring and monitoring the enrollment of underrepresented groups, UM can better understand the diversity of its student body and ensure that appropriate resources, support systems, and accommodations are available. This initiative reflects UM's proactive approach to fostering an inclusive campus environment, reducing educational inequalities, and providing equal access for students from diverse backgrounds and with various needs. Through these efforts, UM helps create a more equitable higher education system and serves as a model for inclusive practices in academia.

### 2.3 Graduates Distribution: *Income Category*

The table highlights the distribution of University of Malaya (UM) graduates across different income categories (B40, M40, T20) over recent academic years. This data helps UM understand and support graduates from low-income backgrounds, aligning with its commitment to promoting equal opportunities and reducing inequalities.

- **B40 (Low-Income):** The proportion of graduates from the B40 income group has significantly increased, from 42% in 2020/2021 to 67% in 2022/2023. This trend demonstrates UM's emphasis on supporting students from lower-income families, providing greater access to education for economically disadvantaged groups.
- **M40 (Middle-Income):** Graduates from the M40 category accounted for 25% in 2020/2021 but saw a drop to 6% in 2022/2023, possibly reflecting targeted support towards the B40 category.
- **T20 (High-Income):** T20 graduates made up a small portion initially, increasing from 4% in 2020/2021 to 26% in 2022/2023, reflecting the diversity of socioeconomic backgrounds at UM.

INCOME CATEGORY	GRADUATES IN 2020/2021	GRADUATES IN 2020/2021	GRADUATES IN 2021/2022	GRADUATES IN 2021/2022	GRADUATES IN 2022/2023	GRADUATES IN 2022/2023	GRADUATES IN 2022/2023	GRADUATES IN 2022/2023
B40	1249	42%	2120	66%	2120	66%	2822	67%
M40	751	25%	905	28%	905	28%	269	6%
T20	125	4%	203	6%	203	6%	1095	26%
TIDAK BERKENAAN	55	2%	0	0%	0	0%	0	0%
TIDAK DINYATAKAN	786	27%	0	0%	0	0%	0	0%
Grand Total	2966	100%	3228	100%	3228	100%	4186	100%

The B40 category, representing the bottom 40% of income earners in Malaysia, is a critical focus area for the University of Malaya (UM) in its commitment to equitable access to education. The data reveals a remarkable increase in the proportion of B40 graduates over the past three academic years:

**2020/2021 Academic Year:** In this year, B40 graduates constituted 42% of the total graduates. This initial percentage reflects UM's efforts to include students from lower-income families in its academic programs, providing them with opportunities to pursue higher education despite financial limitations.

**2021/2022 Academic Year:** The proportion of B40 graduates saw a significant increase to 66%. This rise suggests that UM has enhanced its outreach and support mechanisms, such as financial aid programs, scholarships, and targeted resources, aimed specifically at students from low-income backgrounds. This shift aligns with UM's commitment to expanding educational access to marginalized communities.

**2022/2023 Academic Year:** The percentage of B40 graduates further increased to 67%, making them the largest income category among UM graduates. This growth demonstrates UM's sustained and intensified efforts to break down financial barriers to higher education for disadvantaged students. UM's strategies may include more robust financial aid packages, tuition fee reductions, or grants that directly benefit B40 students. The steady increase also reflects the university's commitment to reducing dropout rates among B40 students, likely through academic support, mentorship, and counseling services tailored to their unique needs.



## Institutional Data for Sustainability Goals Initiative Report (2021/2022 - 2023/2024)

The data provided highlights key trends and improvements at UM over three academic sessions, emphasizing access to education, retention, program flexibility, and financial support, which align with the university's sustainability goals.

### Purpose of Monitoring:

By regularly monitoring these data points, Universiti Malaya can effectively track and evaluate its progress in supporting Sustainable Development Goals, particularly those related to quality education (SDG 4) and reduced inequalities (SDG 10). This monitoring allows UM to identify areas for improvement, ensure effective allocation of resources, and make data-driven decisions to foster a more inclusive and sustainable learning environment.

New		2021/2022	2022/2023	2023/2024
Students - Overall	Students - Distance↔		118	182
	International Students - Distance↔		15	9
Students - Undergraduate	Student Retention Rate (in %)	<b>99.20%</b>	<b>95.76%</b>	<b>96.60%</b>
	Completion Rate (in %)	<b>81%</b>	<b>83%</b>	<b>88%</b>
Student Demographics	Total Student Nationalities	<b>88</b>	<b>75</b>	<b>78</b>
	First Generation Learners	<b>14%</b>	<b>13%</b>	<b>56%</b>
Degree Options	Number of total undergraduate degree programs offered	<b>127</b>	123	122
	Number of total postgraduate degree programs offered	<b>175</b>	195	213
	Number of total undergraduate degree programs offered online		42	42
	Number of total postgraduate degree programs offered online		40	41
	Total number of non-degree courses offered online (e.g. micro credentials / vocational courses) that allow transfer of credits to degrees	<b>8</b>	<b>30</b>	<b>38</b>
Average Tuition Fees	How many students receive a scholarship covering 100% of their fees	<b>2279</b>	<b>4139</b>	<b>3062</b>
	How many students receive a scholarship covering at least 50% of fees	<b>4471</b>	<b>4294</b>	<b>3174</b>

The data displayed in Table above was collected according to QS data definitions. Numbers may vary for different data submission purposes.

### 1. Access and Inclusivity:

- **Student Distance Learning:** The number of students in distance learning programs rose significantly, from 118 in 2022/2023 to 182 in 2023/2024, with a focus on accessibility for local students. However, international student participation in distance learning decreased, from 15 to 9 over the same period.

- **First-Generation Learners:** An encouraging rise in first-generation learners was noted, increasing from 13% in 2022/2023 to 56% in 2023/2024. This aligns with UM's commitment to expanding educational opportunities for underrepresented communities.
- 2. **Retention and Completion Rates:**
  - **Student Retention Rate:** While the retention rate saw a slight dip from 99.2% in 2021/2022 to 95.76% in 2022/2023, it improved to 96.6% in 2023/2024, demonstrating UM's commitment to supporting student success.
  - **Completion Rate:** The completion rate increased steadily, from 81% in 2021/2022 to 88% in 2023/2024, reflecting improved student support systems that aid timely graduation.
- 3. **Program Flexibility and Online Education:**
  - **Degree Programs Offered Online:** UM has progressively increased the number of programs available online. Undergraduate programs offered online remained stable at 42 in both 2022/2023 and 2023/2024, while postgraduate online programs increased from 40 to 41 in 2023/2024. Additionally, the number of online non-degree courses expanded from 8 in 2021/2022 to 38 in 2023/2024, supporting lifelong learning and professional development.
- 4. **Financial Support and Scholarships:**
  - **Full and Partial Scholarships:** The number of students receiving scholarships covering 100% of tuition rose significantly to 4,139 in 2022/2023 but slightly decreased to 3,062 in 2023/2024. Similarly, students receiving at least 50% tuition coverage fluctuated, with 4,294 in 2022/2023 and a decrease to 3,174 in 2023/2024. These scholarships support UM's goals to reduce financial barriers for students, contributing to educational equity.

These initiatives reflect Universiti Malaya's dedication to aligning with sustainability goals by promoting access, inclusivity, and educational support to foster a sustainable and inclusive academic environment.