

GOOD UNIVERSITY

REPORT 2024

Maharakham University




ITA ผลการประเมิน คุณธรรม
ในการดำเนินงานของหน่วยงานภาครัฐ (ITA) ประจำปี 2567

มหาวิทยาลัยมหาสารคาม
ได้รับผลการประเมิน
ระดับดีมาก
91.62 คะแนน

คะแนนรายตัวชี้วัด

- การปฏิบัติหน้าที่
- การใช้งบประมาณ
- การให้บริการประชาชน
- การใช้จ่ายเงิน
- การดำเนินงานตามแผน
- การดำเนินงานตามนโยบาย
- การดำเนินงานตามพันธกิจ
- การดำเนินงานตามยุทธศาสตร์
- การดำเนินงานตามโครงการ
- การดำเนินงานตามแผนปฏิบัติการ
- การดำเนินงานตามแผนกลยุทธ์
- การดำเนินงานตามแผนพัฒนา
- การดำเนินงานตามแผนแม่บท
- การดำเนินงานตามแผนแม่บทระดับชาติ
- การดำเนินงานตามแผนแม่บทระดับจังหวัด
- การดำเนินงานตามแผนแม่บทระดับท้องถิ่น
- การดำเนินงานตามแผนแม่บทระดับภาค
- การดำเนินงานตามแผนแม่บทระดับประเทศ
- การดำเนินงานตามแผนแม่บทระดับนานาชาติ




เพาะเลี้ยงไฮฟา
พัฒนาผลิตภัณฑ์จาก

สร้างคุณภาพเชิงพาณิชย์
เป็นมิตรกับสิ่งแวดล้อม

อาจารย์ ดร.ศุภชัย สุทธิเจริญ
รองคณบดีฝ่ายวิชาการและงานบริการ
คณาจารย์ฝ่ายวิทยาศาสตร์และเทคโนโลยี
คณะวิทยาศาสตร์ มหาวิทยาลัยมหาสารคาม



หมูเนื้อ
ผลิตเนื้อหมู 10 ตันภายใน 2567

เป็น 10 ปีที่มหาวิทยาลัยมหาสารคาม ได้ร่วมมือกับ สวทช. ในการพัฒนาสายพันธุ์หมูเนื้อดี ที่มีคุณภาพดี และปลอดภัย

รักษาพันธุ์โดยใช้ของดีจากเกษตรกรในท้องถิ่น

The symbolic tree
The Golden Shower or Koon
Denotes prosperity



The emblem of Maharakham University

Emblem : The "Rojanakorn" A stamp of brilliant prosperity and growth



Its elements include a "Bai Sema" shape (a traditional Thai boundary marker) featuring the Phra That Nadun stupa at its core. Below the stupa are sun rays emanating from traditional northeastern Thai patterns above the university motto in Pali: " พหุณํ ปญฺทิตํ ชีโว " (Public Devotion is a Virtue of the Learned).

Bai Sema: Represents knowledge and wisdom

Phra That Nadun: Represents virtue and morality

Sun Rays: Represent prosperity

Lai Kid (Traditional Patterns): Represent local wisdom and cultural heritage of Isan

The emblem conveys the integration of knowledge, virtue, and local wisdom leading to prosperity



Colors

Yellow and Grey : Representing wisdom and good thinking leading to prosperity



Motto

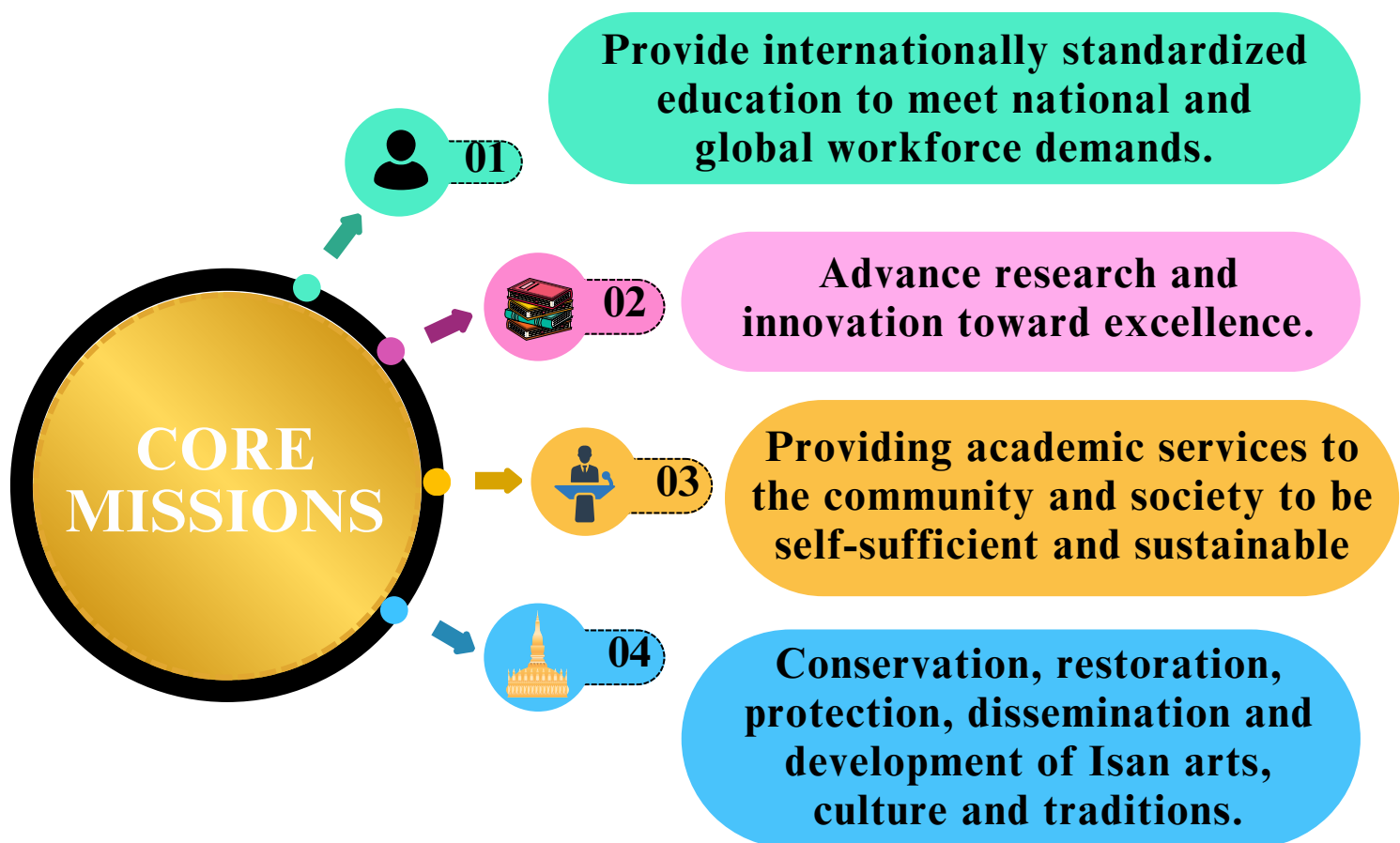
Public Devotion is
a Virtue of the Learned

Vision

To become a leading
university in Asia

Mission Statement

Mahasarakham University aims to achieve academic excellence by blending local wisdom with universal knowledge to foster intellectual growth and personal development, encompassing both academic and ethical dimensions.





HISTORY

1968



1974



1994



27 March 1968 : College of Education, Maha Sarakham

Maha Sarakham University is a public university that originated from the "College of Education, Maha Sarakham," established in 1968. It evolved and expanded from the "Prasarnmitr College of Education," which was an educational institution focusing on teacher training. This was initiated to address the shortage of teaching professionals, accommodate societal growth, enhance the field of education, and extend higher education to regional areas. Maha Sarakham College of Education Located on Nakhon Sawan Road, Talat Subdistrict, Mueang District, Maha Sarakham Province, Maha Sarakham College of Education was initially led by Dr. Saiyut Champathong as the deputy rector. In its early stages, the college received significant support from Maha Sarakham Teachers' College in all aspects, including facilities, personnel, teaching equipment, and other resources. In the 1968 academic year, the college began offering a two-year bachelor's degree program in Education (B.Ed.) with two majors: English and Biology.



1968

29 June 1974 : Srinakharinwirot University, Maha Sarakham Campus (SWU MS)

In 1974, the Cabinet approved the elevation of the "College of Education" to the status of a "university." With the royal blessing of His Majesty King Bhumibol Adulyadej (Rama IX), the name "Srinakharinwirot" (pronounced See-na-ka-rin-wee-rote) was graciously bestowed. The name means " a university that brings honor and prestige to the metropolis." All eight Colleges of Education were integrated into Srinakharinwirot University.

Srinakharinwirot University, Maha Sarakham Campus, began offering a four-year bachelor's degree program with various fields of study, including: Biology, Physics, Chemistry, Mathematics, Thai Language, English, Social Studies, Geography, History, Elementary Education. Additionally, new faculties and units were established to support the university's mission and expand its academic and administrative capacity.



1974



9 December 1994 : Mahasarakham University (MSU)

The university has developed gradually, taking into account the time needed to build the necessary preparations until it was able to operate as an independent institution under the name Mahasarakham University on December 9, 1994. His Majesty King Bhumibol Adulyadej (Rama IX) signed the Royal Decree establishing the university, which was published in the Royal Gazette, Volume 111, Issue 54. It became the 22nd public university in Thailand, named Mahasarakham University. The university is located at 269/2 Nakhon Sawan Road, Talad Subdistrict, Mueang District, Mahasarakham Province, covering an area of approximately 368 rai.

Subsequently, the area of Mahasarakham University was expanded to "Pa Khok Nong Phai," Kham riang Subdistrict, Kantharawichai District, Mahasarakham Province, covering approximately 1,300 rai. Construction of various buildings has been underway since 1996.



1994

University Identity / Characteristics of MSU Students



University Identity

BEING DEPENDENT ON SOCIETY AND COMMUNITY



Characteristics of MSU Students

STUDENTS ALONG WITH HELPING SOCIETY AND COMMUNITIES



MSU FOR ALL

Dependable MSU students

M: Moral



The characteristics of being a person with morals, ethics, and goodness

S: Social Responsibility



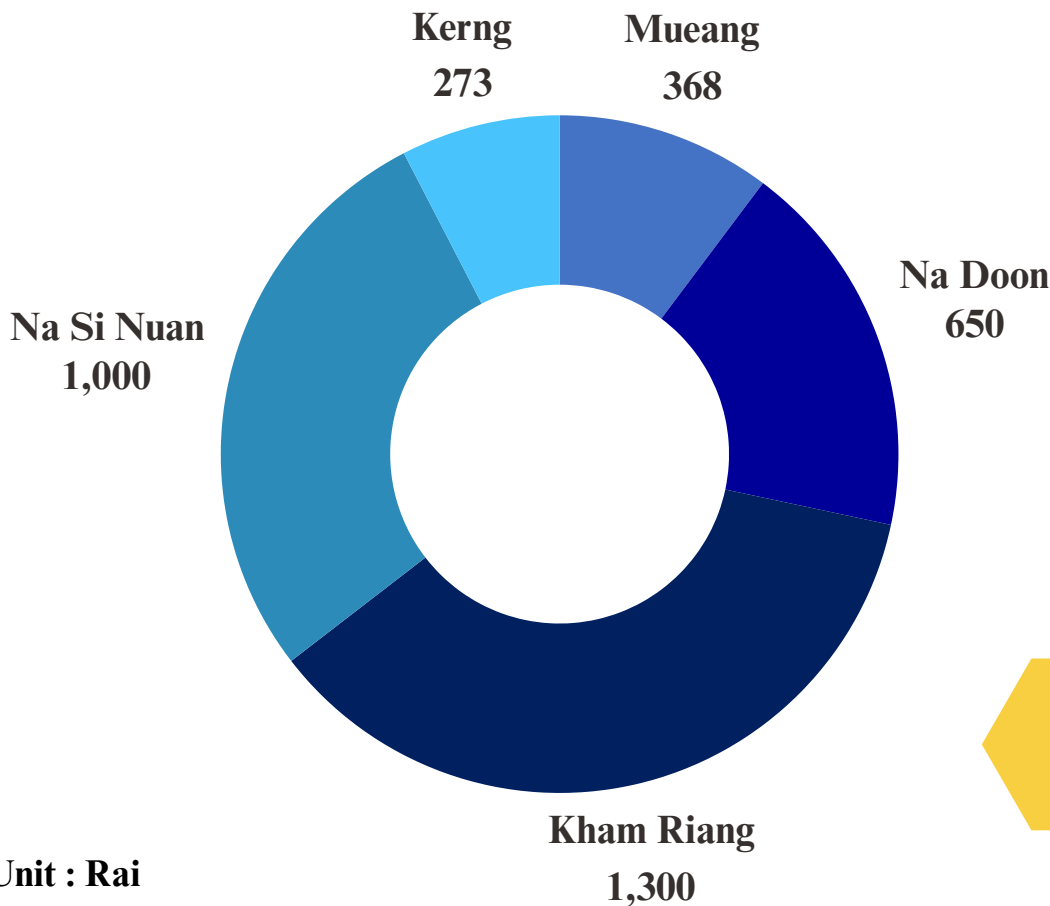
The characteristics of being a disciplined person with responsibility toward oneself and society

U: Unity

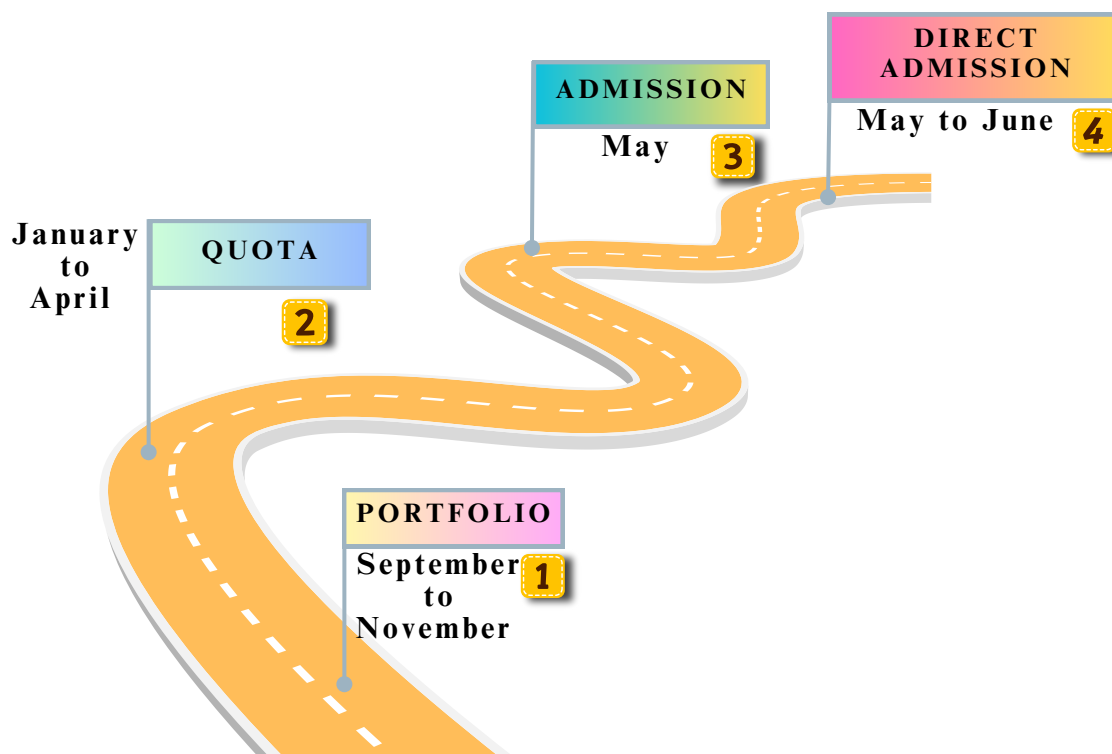


The characteristics of being a person with love, unity, and generosity

Location and Campus Area of Maharakham University



The selection of students to study at the bachelor's degree level in collaboration with the Council of University Presidents of Thailand through TCAS system



Groups for Educational Management



8 faculties/group

- Faculty of Education
- Faculty of Humanities and Social Sciences
- Faculty of Fine and Applied Arts and Cultural Science
- Mahasarakham Business School
- Faculty of Tourism and Hotel Management
- Faculty of Law
- College of Politics and Governance
- College of Music



7 faculties/group

- Faculty of Science
- Faculty of Technology
- Faculty of Engineering
- Faculty of Architecture, Urban Design, and Creative Arts
- Faculty of Environment and Resource Studies
- Faculty of Informatics
- Walai Rukhavej Botanical Research Institute



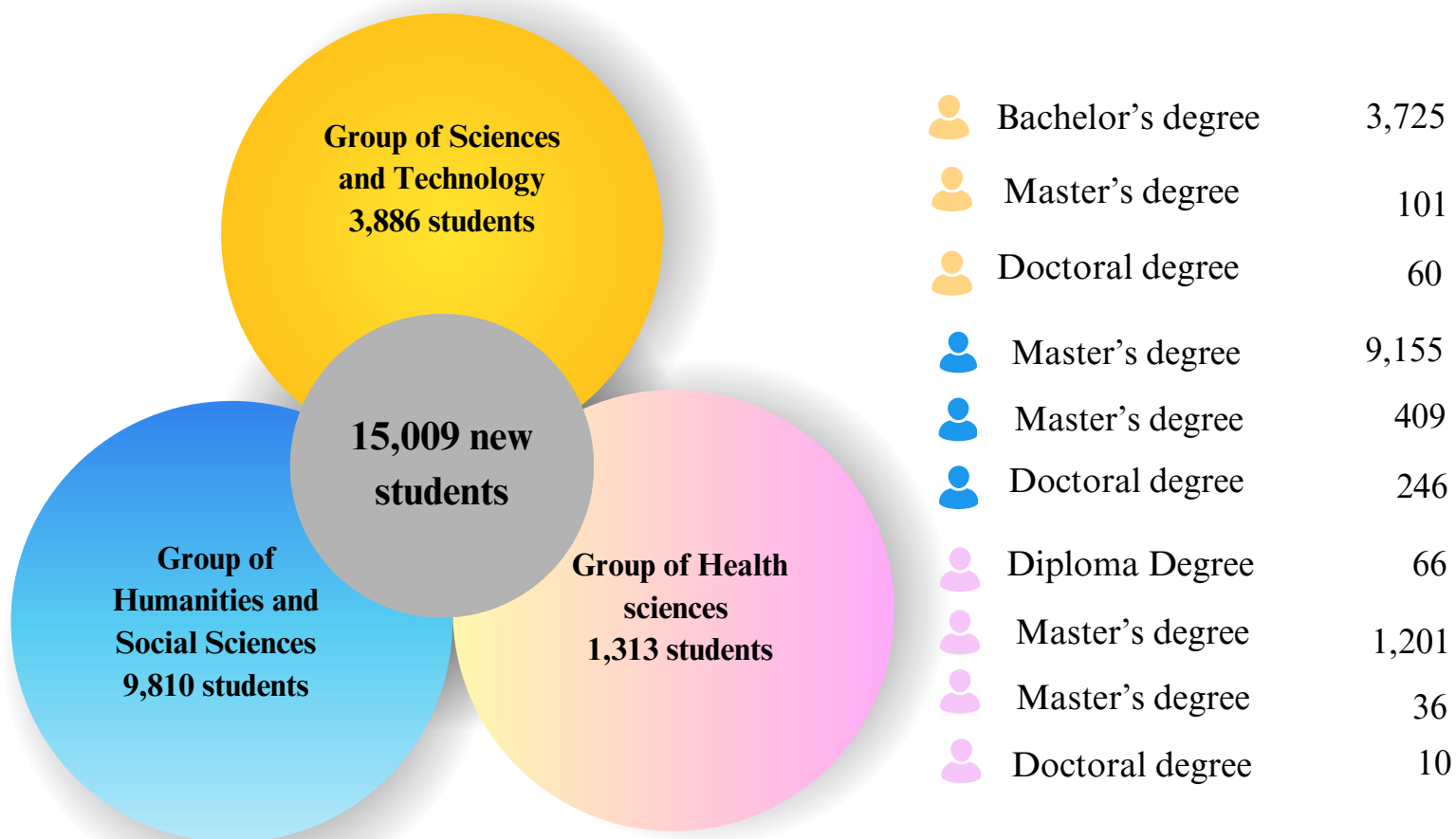
5 faculties/group

- Faculty of Nursing
- Faculty of Pharmacy
- Faculty of Public Health
- Faculty of Medicine
- Faculty of Veterinary Sciences

MAHASARAKHAM UNIVERSITY



Number of new students for 2024 academic year



“**เป้าหมาย**”
ทำให้ชีวิตเรามีความหมาย

MAHASARAKHAM UNIVERSITY



Total Number of Students for 2024 academic year

Group of Sciences and Technology

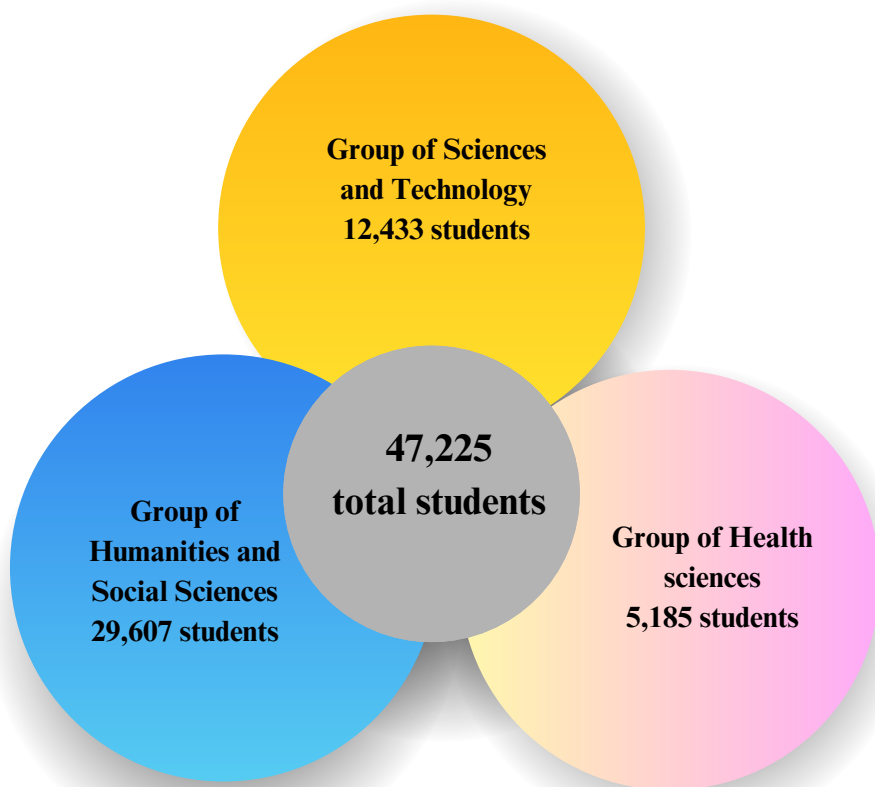
Bachelor's degree	11,809
Master's degree	353
Doctoral degree	271

Group of Health sciences

Diploma Degree	70
Bachelor's degree	4,756
Master's degree	244
Doctoral degree	115

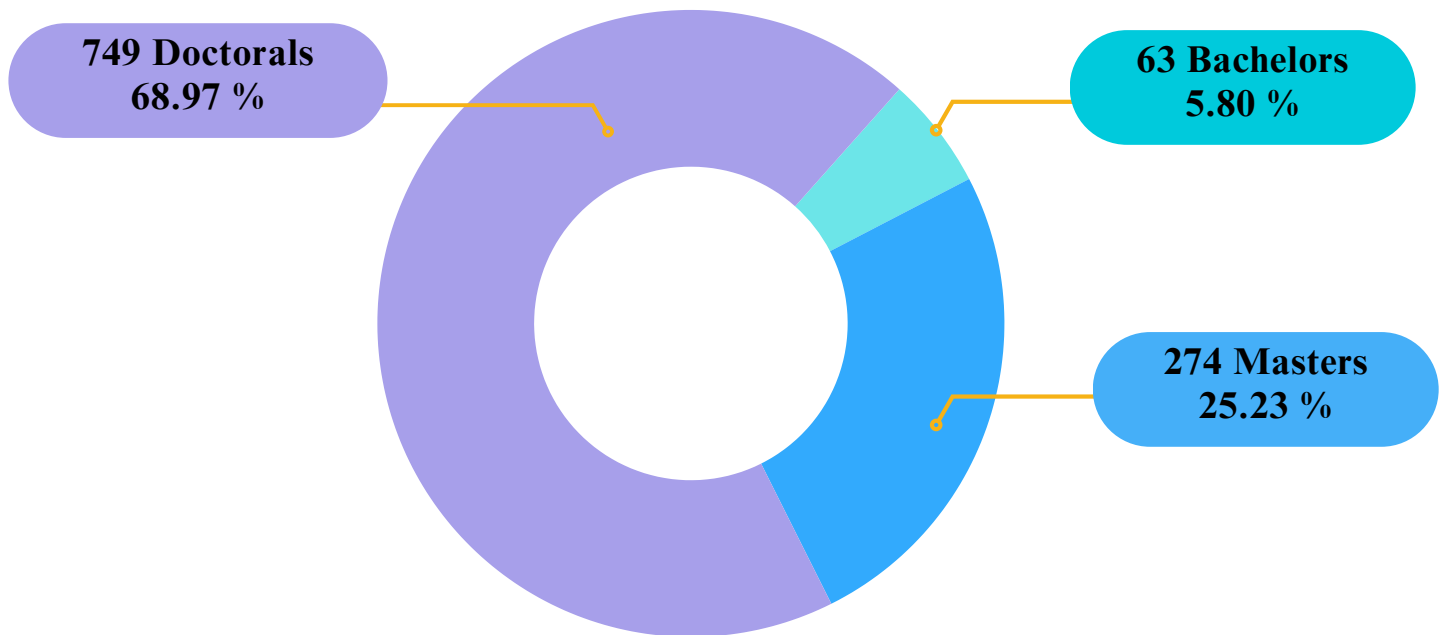
Group of Humanities and Social Sciences

Bachelor's degree	27,403
Master's degree	1,198
Doctoral degree	1,006

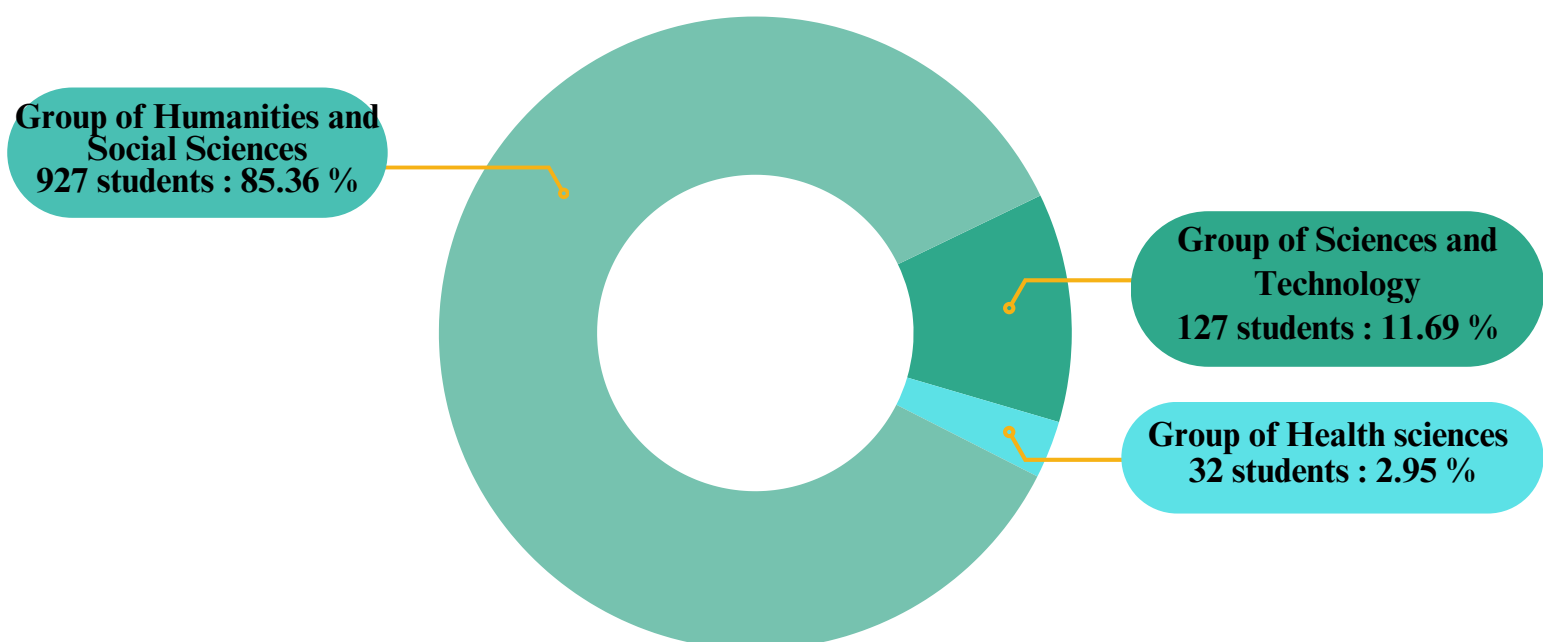


International students for 2024 academic year (by Education Level/Field of Study)

International students for 2024 academic year data by Education Level



International students for 2024 academic year data by Field of Study

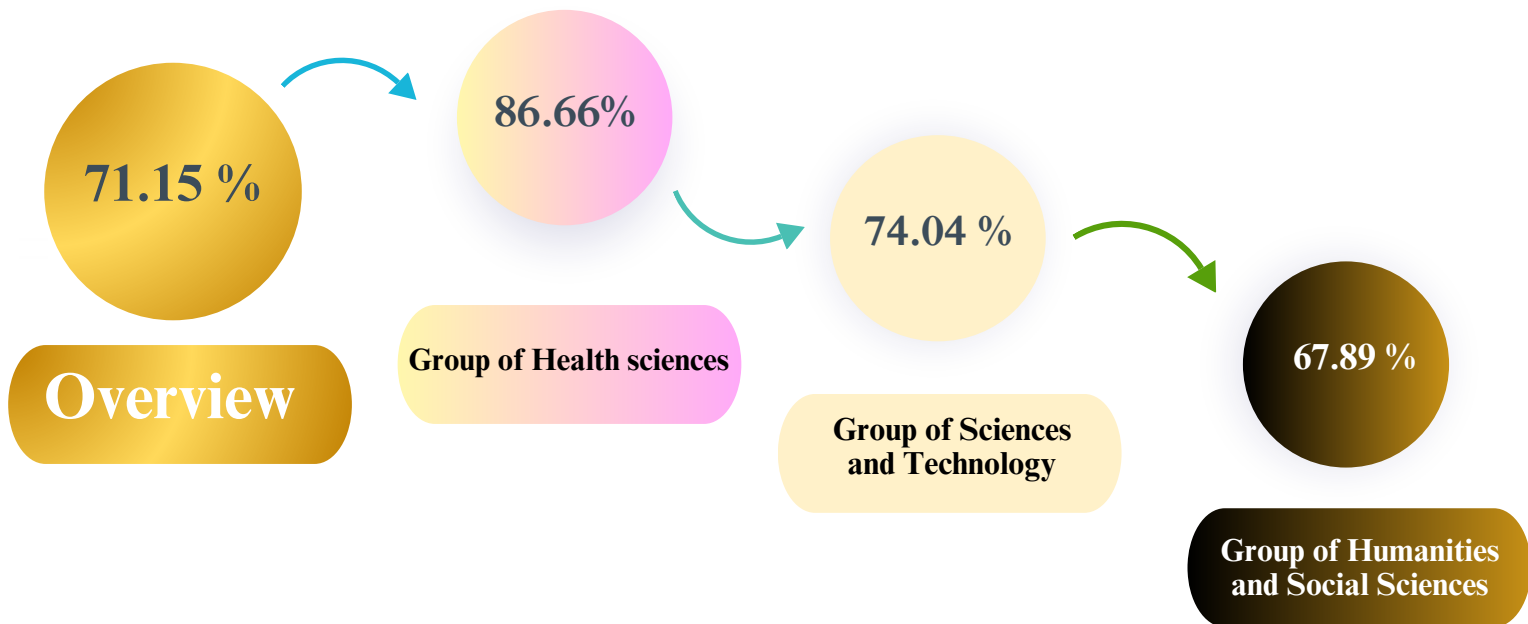


International students for 2024 academic year Classified by continent

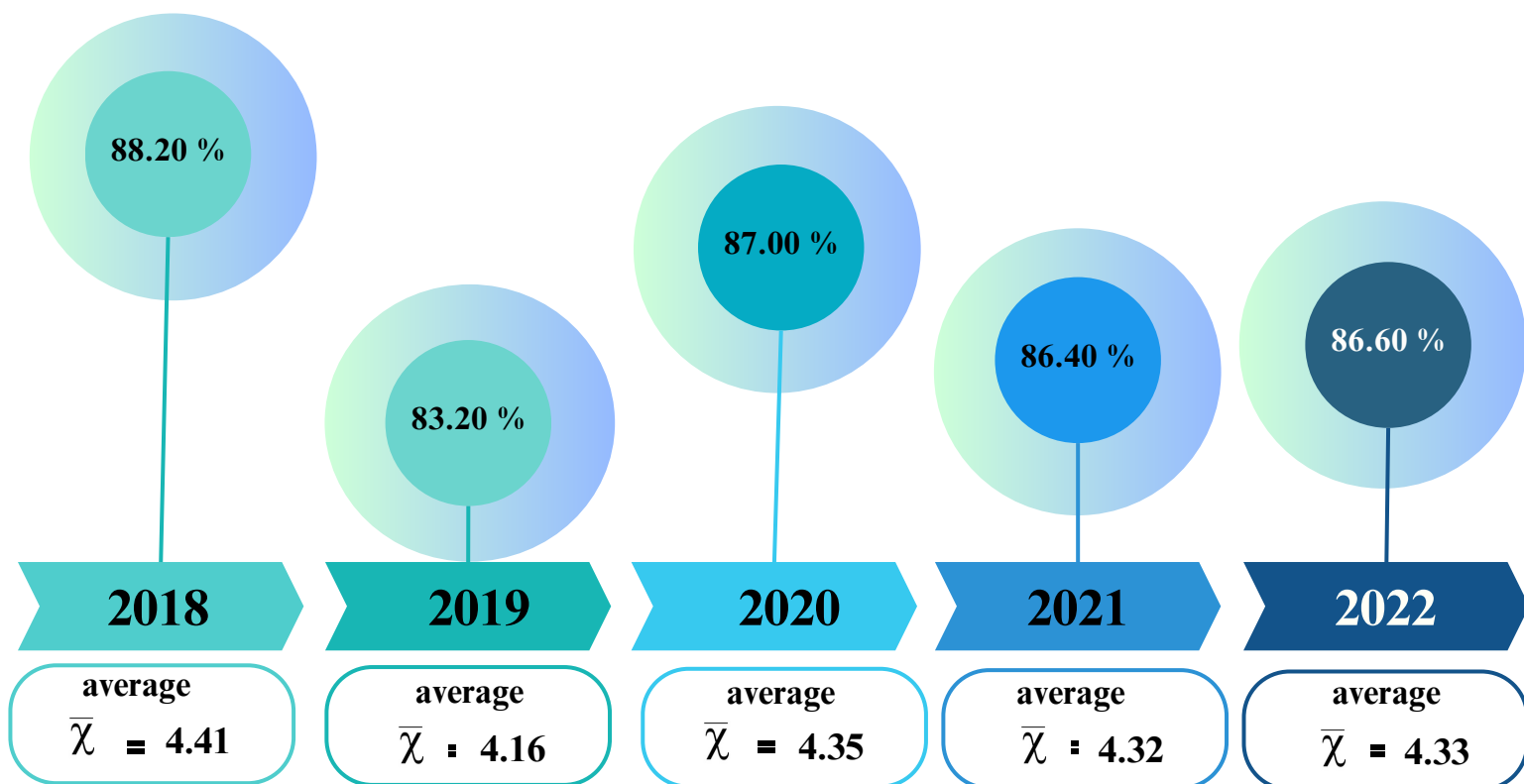
continents	number of students	percentage
Asia	1,081	99.54
Africa	5	0.46
Total	1,086	100.00



The employment situation of graduates



Employers' satisfaction with the quality of graduates



Tuition Fees

Tuition fees per semester

Bachelor's degree

Regular system

11,000 – 45,000 baht

- Faculty of Humanities and Social Sciences
- Faculty of Environment and Resource Studies
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Informatics
- Mahasarakham Business School
- Faculty of Tourism and Hotel Management
- Faculty of Architecture, Urban Design, and Creative Arts
- Faculty of Science
- Faculty of Public Health

- Faculty of Engineering
- Faculty of Law
- Faculty of Technology
- Faculty of Education
- Faculty of Medicine
- Faculty of Pharmacy
- Faculty of Nursing
- Faculty of Veterinary Sciences
- College of Politics and Governance
- College of Music

Regular system International Students

35,000 – 50,000 baht

- Faculty of Humanities and Social Sciences
- Faculty of Tourism and Hotel Management
- Mahasarakham Business School
- Faculty of Engineering
- Faculty of Architecture, Urban Design, and Creative Arts

- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Informatics
- College of Music

Tuition Fees

Tuition fees per semester

Bachelor's degree

Special system

17,000 – 20,000 baht

- Mahasarakham Business School
- Faculty of Tourism and Hotel Management
- Faculty of Environment and Resource Studies
- Faculty of Humanities and Social Sciences
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Architecture, Urban Design, and Creative Arts
- Faculty of Law
- Faculty of Public Health
- Faculty of Engineering
- Faculty of Informatics
- College of Politics and Governance
- College of Music

International program/English

25,000 – 45,000 baht

- Faculty of Humanities and Social Sciences
- Mahasarakham Business School
- Faculty of Tourism and Hotel Management

Tuition Fees

Tuition fees per semester

Master's degree

Regular system

15,000 – 45,000 baht

- Faculty of Humanities and Social Sciences
- Faculty of Public Health
- Faculty of Engineering
- Faculty of Architecture, Urban Design, and Creative Arts
- Faculty of Medicine
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Environment and Resource Studies
- Faculty of Science
- Faculty of Technology
- Faculty of Education
- Faculty of Informatics
- Faculty of Law
- Faculty of Veterinary Sciences
- Faculty of Tourism and Hotel Management
- Mahasarakham Business School
- Faculty of Pharmacy
- Faculty of Nursing
- College of Music
- Walairukhavej Botanical Research Institute

Regular system International Students

82,500 baht

- Faculty of Humanities and Social Sciences
- Faculty of Education
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Informatics
- Faculty of Engineering
- Faculty of Environment and Resource Studies
- College of Music

Tuition Fees

Tuition fees per semester

Master's degree

Special system

18,000 – 82,500 baht

- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Humanities and Social Sciences
- Faculty of Education
- Faculty of Tourism and Hotel Management
- Faculty of Informatics
- Faculty of Environment and Resource Studies
- Faculty of Architecture, Urban Design, and Creative Arts
- Mahasarakham Business School
- Faculty of Engineering
- Faculty of Technology
- Faculty of Science
- Faculty of Public Health
- Faculty of Medicine
- Faculty of Pharmacy
- College of Politics and Governance
- College of Music
- Walairukhavej Botanical Research Institute

Special system International Students

23,000 – 110,000 baht

- Faculty of Science
- Faculty of Public Health
- Faculty of Education
- Faculty of Medicine
- Faculty of Informatics
- Faculty of Humanities and Social Sciences
- Mahasarakham Business School
- College of Politics and Governance
- Walairukhavej Botanical Research Institute

Tuition Fees

Tuition fees per semester

Doctoral degree

Regular system

30,000 – 103,000 baht

- Faculty of Education
- Faculty of Humanities and Social Sciences
- Mahasarakham Business School
- Faculty of Tourism and Hotel Management
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Science
- Faculty of Technology
- Faculty of Informatics
- Faculty of Engineering
- Faculty of Medicine
- Faculty of Pharmacy
- Faculty of Public Health
- College of Politics and Governance
- College of Music
- Walairukhavej Botanical Research Institute

Regular system International Students

80,000-103,000 baht

- Faculty of Education
- Mahasarakham Business School
- Faculty of Humanities and Social Sciences
- Faculty of Tourism and Hotel Management
- Faculty of Engineering
- Faculty of Fine and Applied Arts and Cultural Science
- Faculty of Science
- Faculty of Informatics
- Faculty of Environment and Resource Studies
- College of Music
- Walairukhavej Botanical Research Institute

Tuition Fees

Tuition fees per semester

Doctoral degree

Special system

30,000 – 103,000 baht

- Walairukhavej Botanical Research Institute
- Faculty of Environment and Resource Studies
- Faculty of Education
- Mahasarakham Business School
- Faculty of Informatics
- Faculty of Humanities and Social Sciences

- Faculty of Pharmacy
- Faculty of Science
- Faculty of Medicine
- Faculty of Engineering
- Faculty of Veterinary Sciences

Special system International Students

80,000 baht

- Faculty of Education
- Faculty of Informatics

International program/English

45,000 – 80,000 baht

- Faculty of Technology (Food Technology)
- Faculty of Science (Palaeontological)
- Faculty of Fine and Applied Arts and Cultural Science (Visual arts)

FACTORS SUPPORTING EDUCATION



Scholarships

- Scholarships for student education promotion
- tuition fee scholarships
- educational assistance grants



Student Services

- Guidance services
- support for students with disabilities
- job placement services, career development programs during studies
- extracurricular and co-curricular activities



Exercise Facilities

- Sports fields
- swimming pools
- fitness centers
- gyms

Conveniences



Library services (digital library, online services, 24-hour reading rooms)

- Computer labs
- Internet network system
- Wireless network services (Wi-Fi)
- Accommodation services (22 dormitory buildings with capacity for approximately 4,500 people)

- Public transportation services (shuttle buses within the university)
- Dining centers and restaurants (main cafeteria and faculty-specific cafeterias)
- Banks, relaxation areas, CCTV surveillance



- Co-Working Space
- Beverage outlets (cafés)
- AIS Play Ground & MSU Learning Space



Health Services

- Suddhavej Hospital
- Medical service center
- Veterinary hospital for teaching purposes

Learning Centers for Students



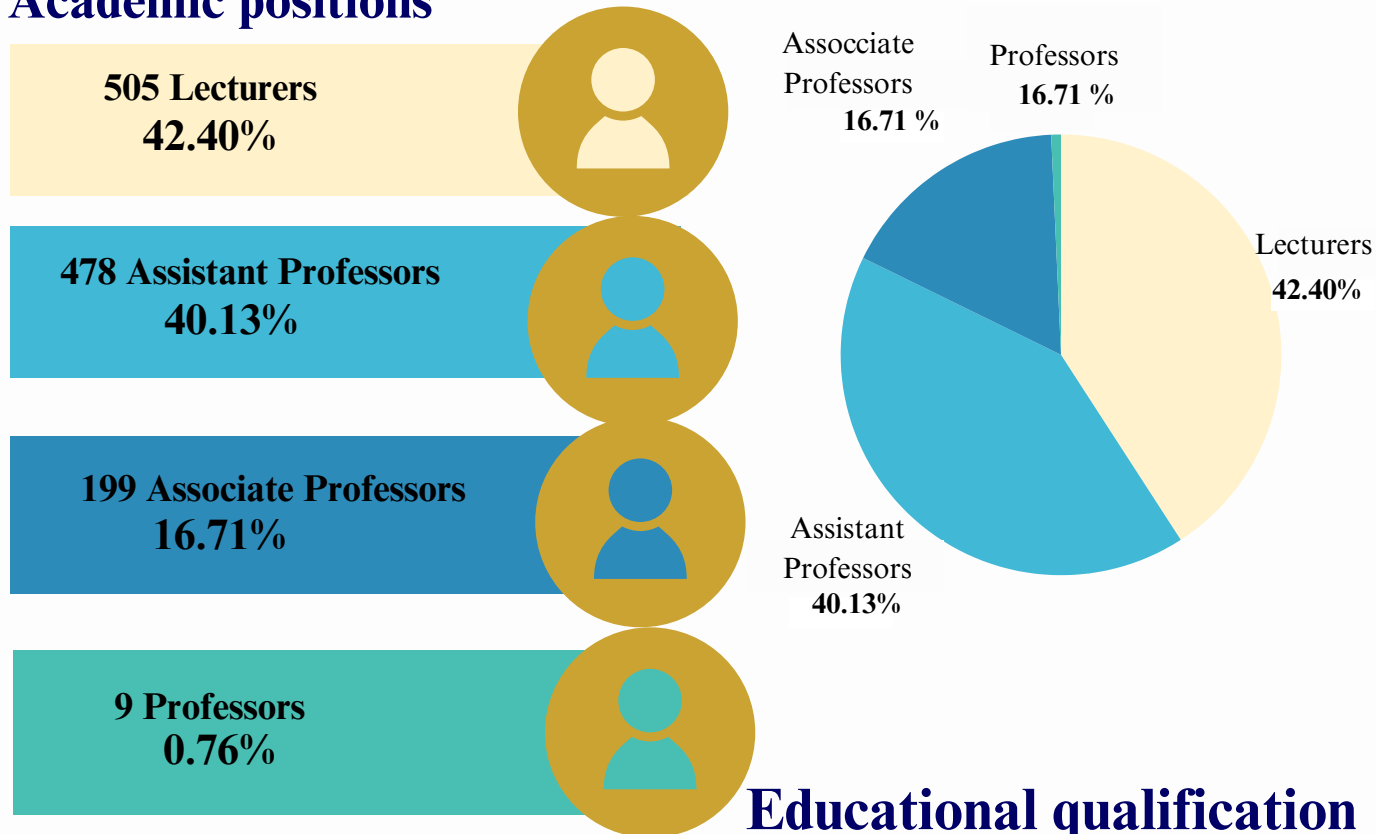
University farm



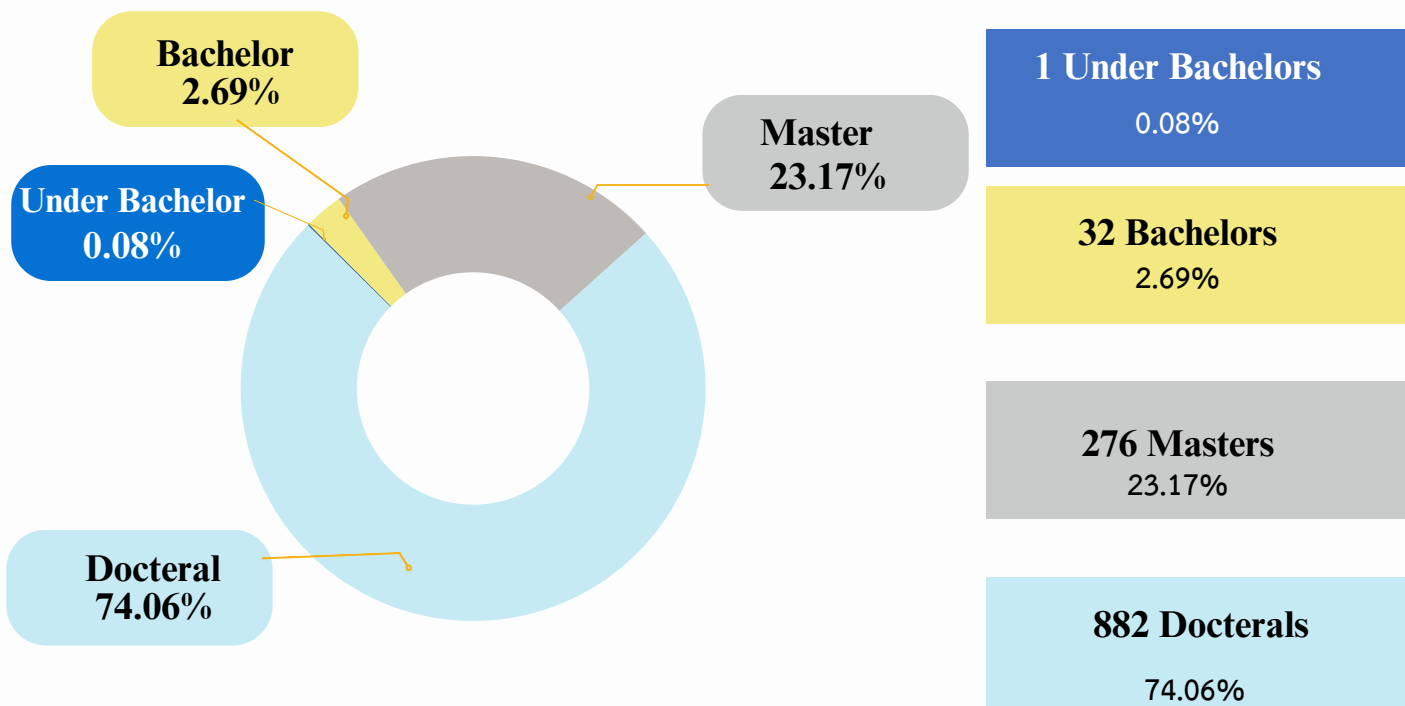
Personnel at Maharakham University

Personnel: Academic staff (excluding staff hired for specific tasks and temporary workers) (1,191 people)

Academic positions



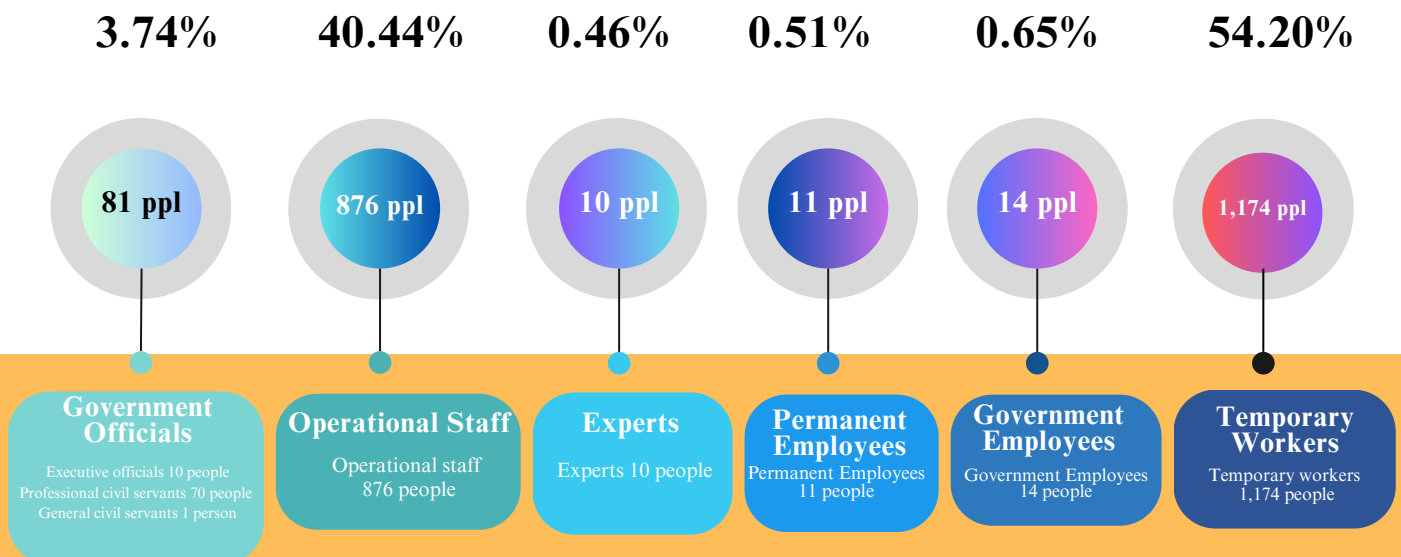
Educational qualification



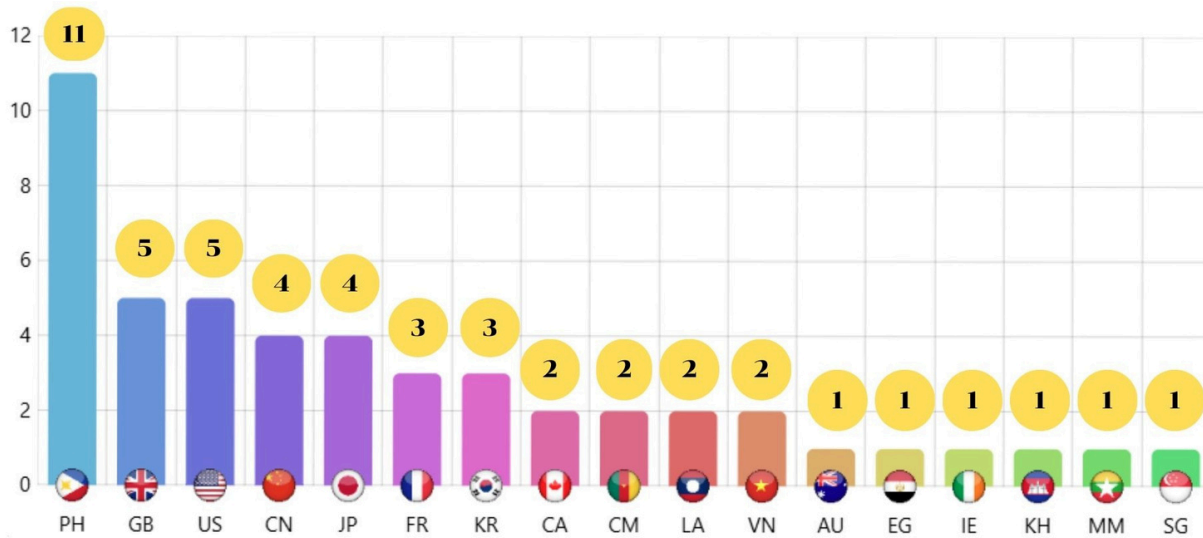
MAHASARAKHAM UNIVERSITY



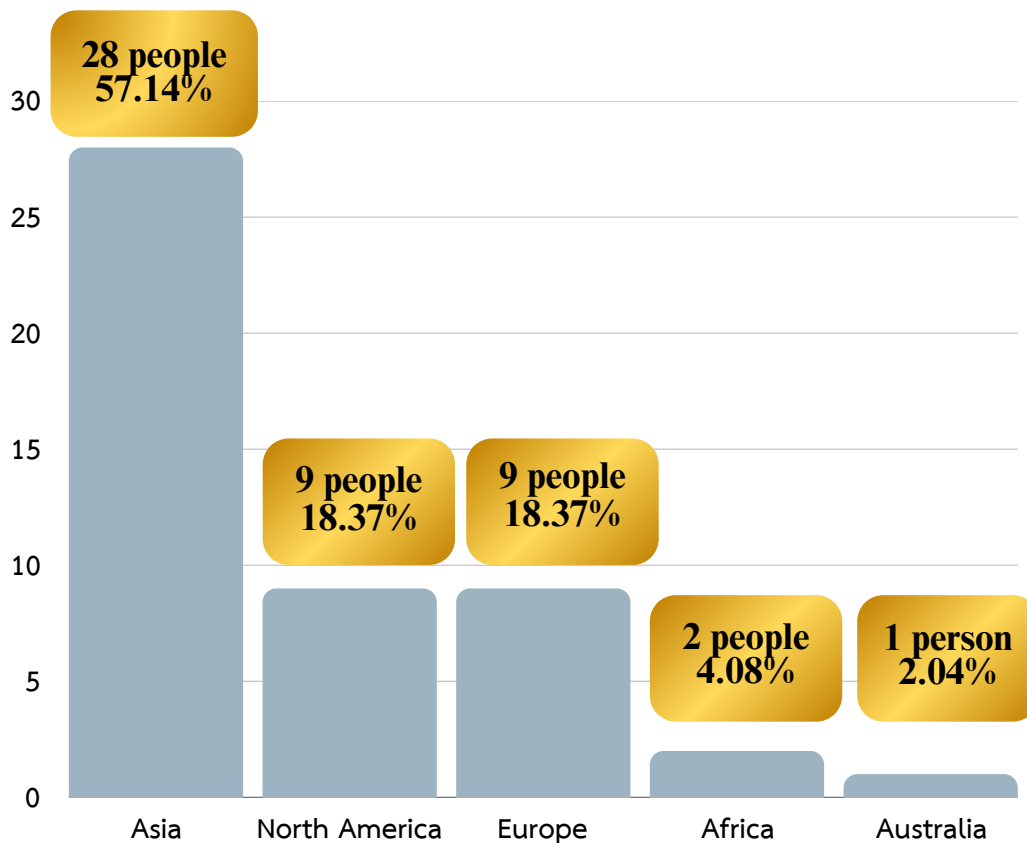
Personnel: Support staff (2,166 people)



Foreign Personnel Classified by Country



Foreign Personnel Classified by Continent



Budget



State Budget
1,096,194,400 THB
(28.46%)



Revenue Budget
2,755,687,387 THB
(71.54%)



Total Budget
3,851,881,787 THB
(100%)

Budget Allocation for the Fiscal Year 2024

Subsidies 1,636,710,516 THB (42.49%)

Other Expenses 196,240,086 THB (5.10%)

Total Budget 3,851,881,787 THB (100%)

Personnel Budget 351,309,039 THB (9.12%)

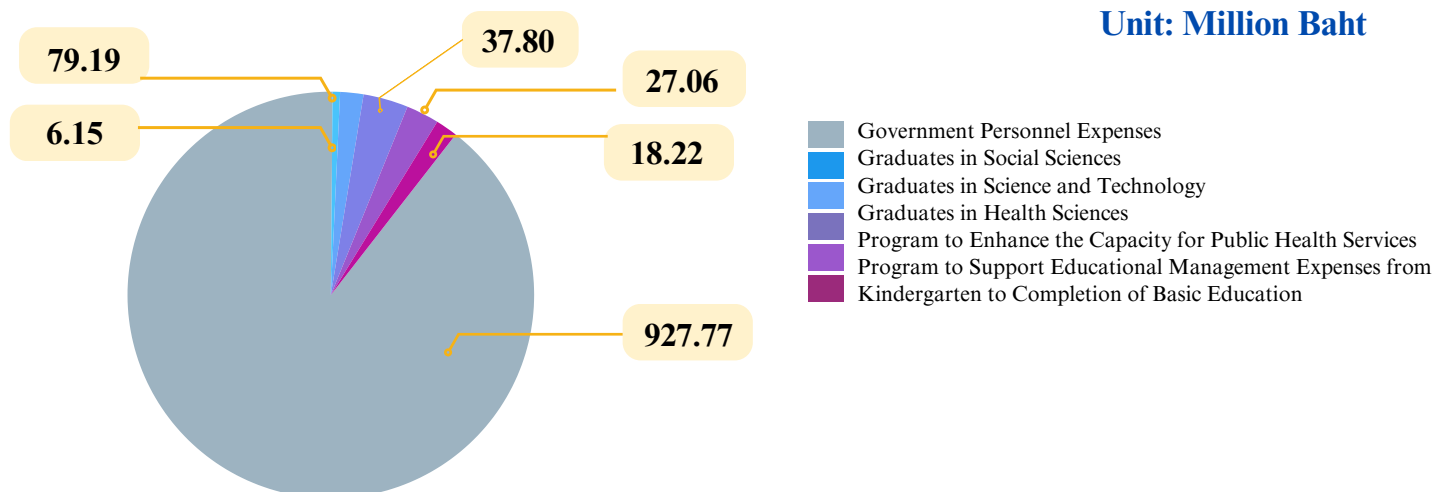
Investment Budget 703,782,687 THB (18.27%)

Operating Budget 963,839,459 THB (25.02%)

Budget

Allocation of State Budget for the Fiscal Year 2024 (B.E. 2567) Classified by Output, Totaling 1,096.19 Million THB

Unit: Million Baht



Allocation of Revenue Budget for the Fiscal Year 2024 (B.E. 2567) Classified by Output

Output	Amount (Baht)
• Graduates in Social Sciences, Science and Technology, and Health Sciences	660,448,704
• Enhancing Skills and Learning Potential	41,500,320
• Program to Support Educational Management Expenses from Kindergarten to Completion of Basic Education	29,407,900
• Research Outcomes for Knowledge Creation	27,261,403
• Research and Innovation for Excellence: MSU Goal 1, MSU Goal 2, and MSU Goal 3	73,034,745
• Academic Service Achievements	26,562,420
• Building Strong and Self-Reliant Communities	1,269,400
• Contributions to the Preservation of Arts and Culture	8,016,681
• Increasing the Value or Significance of Arts and Culture Works	560,000
• Government Personnel Expenses	752,111,000
• Developing the University's Image	9,859,760
• Transitioning to a Green University	1,354,980
• Improving Management Systems	581,238,949
• Strengthening Financial Stability	82,314,200
• Smart University	66,914,243
• Program to Enhance the Capacity for Public Health Services	393,832,662
Total	2,755,687,387

RESEARCH

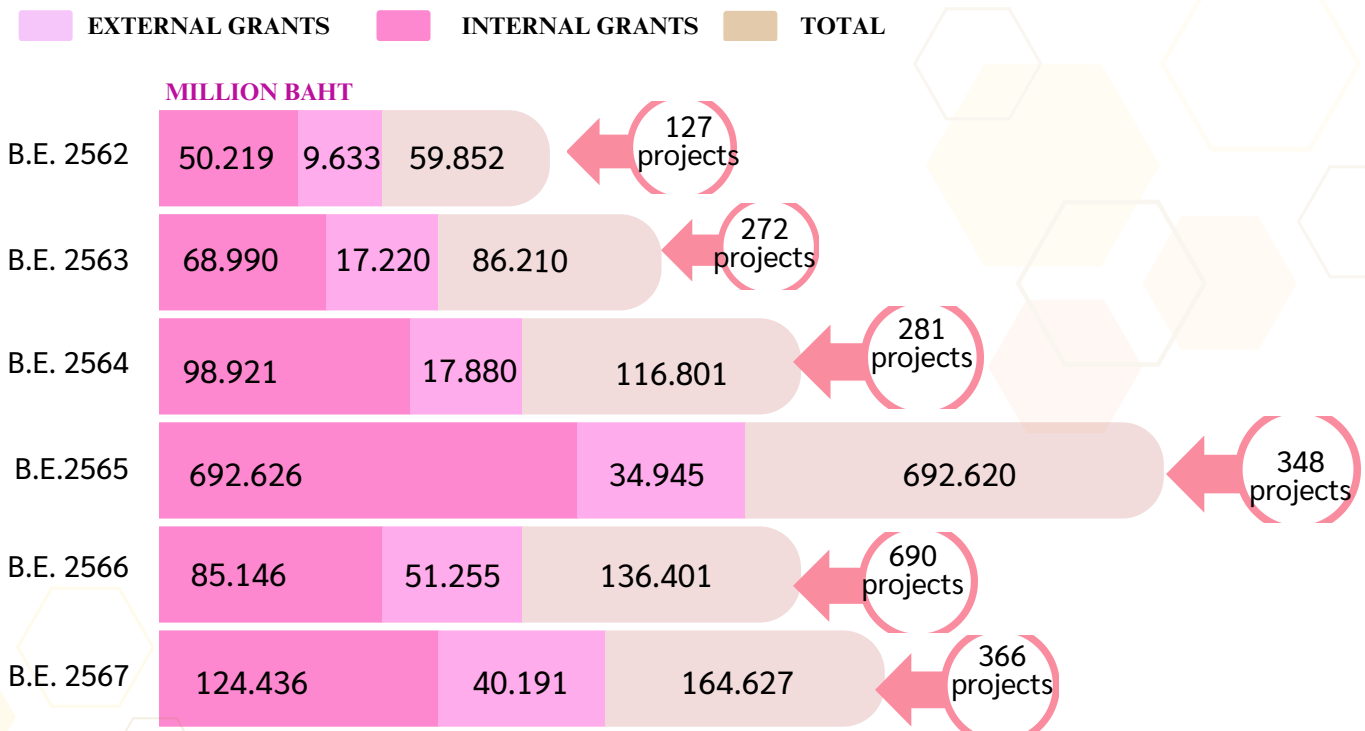
Creating High-Quality Research and Innovations that are Recognized to Drive the University Toward Becoming a Leading University in Asia



Strategies

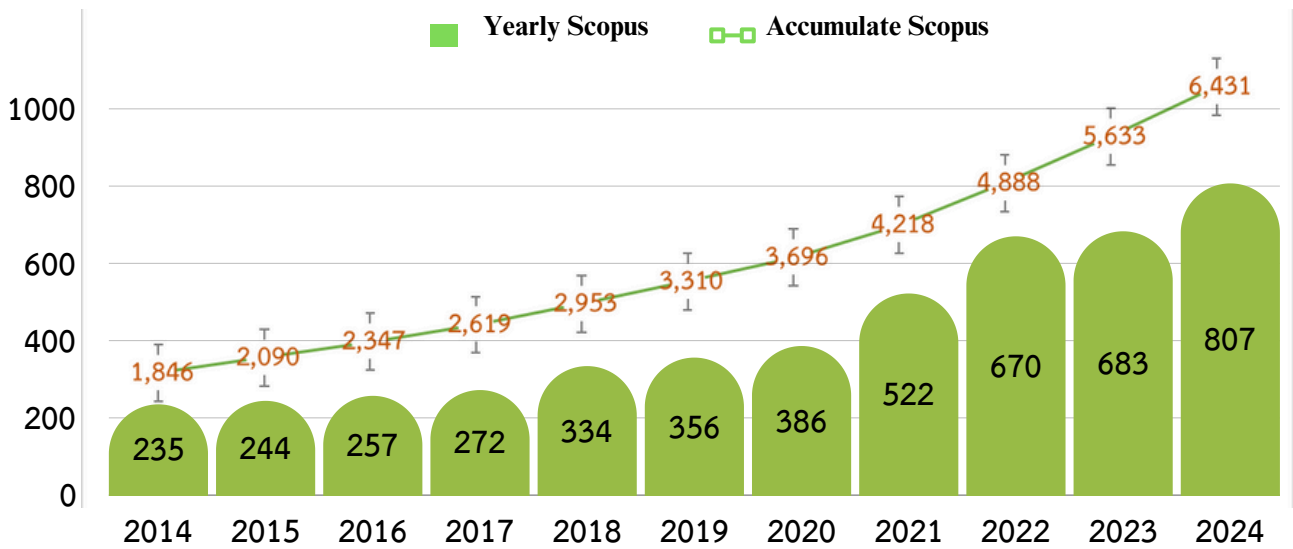
- Developing Researcher Potential
- Establishing Research Grant Networks
- Building Research Networks with Researchers/Experts Both Domestically and Internationally
- Creating Incentives for Publication in Leading International Journals

RESEARCH GRANT BUDGET

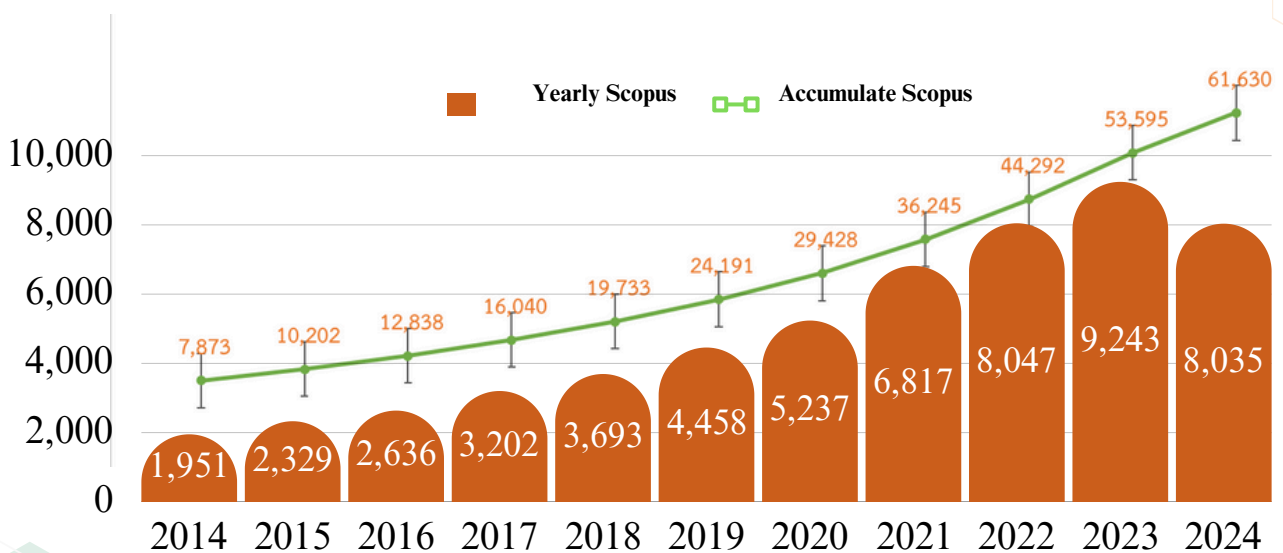


RESEARCH

ARTICLES AND RESEARCH WORKS PUBLISHED, DISSEMINATED, AND CITED IN THE SCOPUS DATABASE OVER THE PAST 10 YEARS

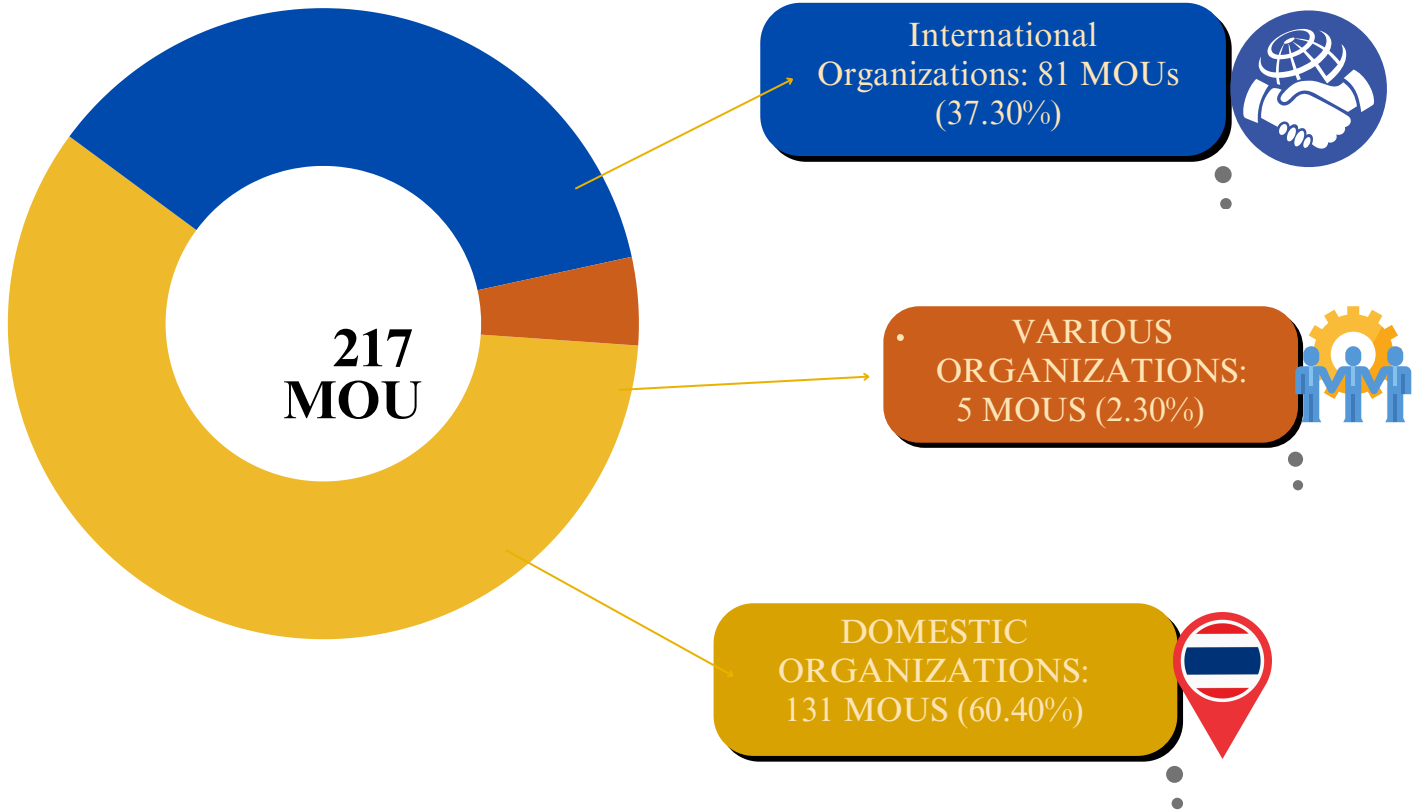


Data at
1 Dec 2024 (B.E. 2024)

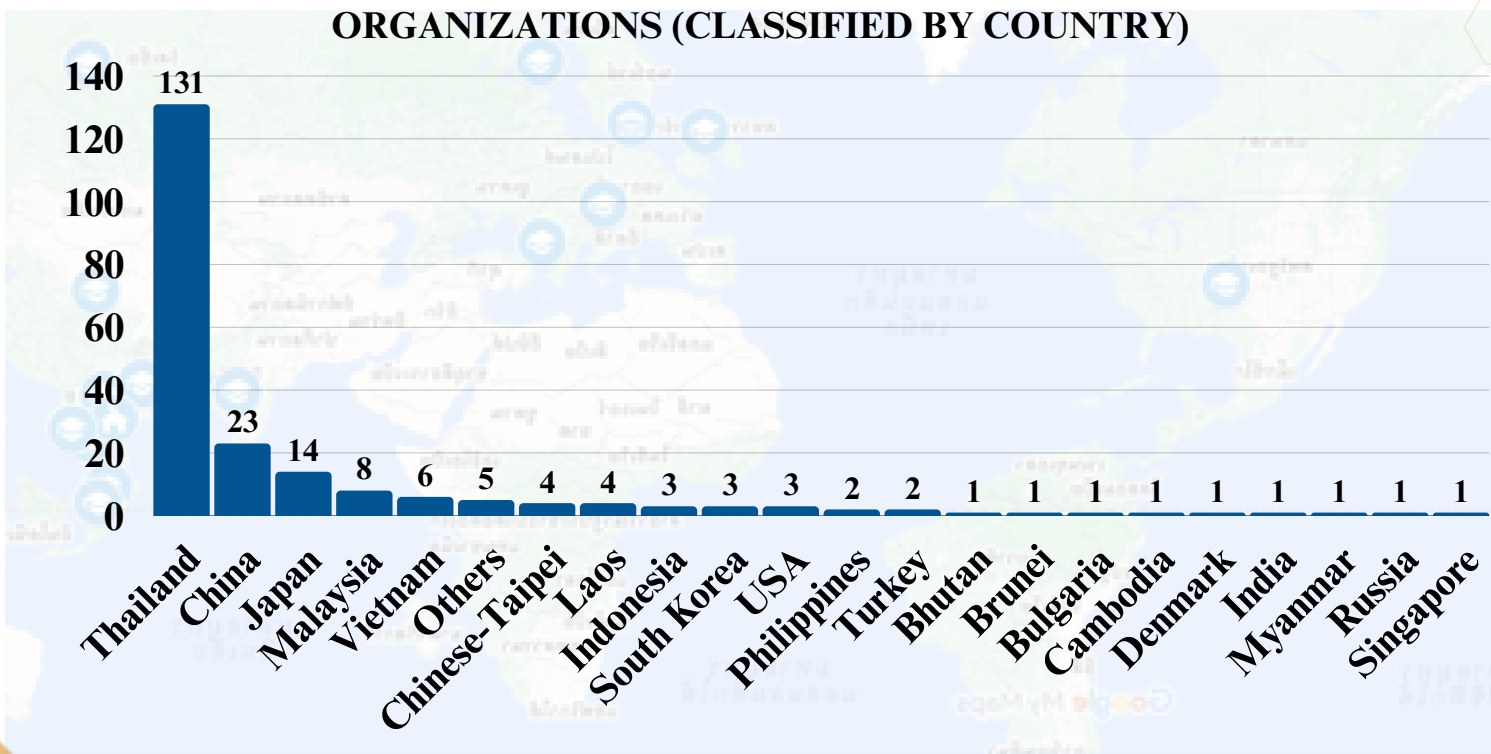


Data at
1 Dec 2024 (B.E. 2024)

COLLABORATION WITH EXTERNAL ORGANIZATIONS



COLLABORATION IN RESEARCH BETWEEN EXTERNAL ORGANIZATIONS (CLASSIFIED BY COUNTRY)



MSU researchers:community service

MSU Researchers Transfer Knowledge to Farmers, Teaching Low-Cost High-Protein Food Formulas to Produce Quality Eggs

MSU Researchers Develop Community Enterprise Careers by Cultivating Mulberry and Silkworms for Quality Silk Production

MSU Provides Research Data on Soil and Water from the Huai Kho Reservoir to the Community for Collaborative Development of Sustainable Land Use

MSU Researchers Transfer Wolffia Cultivation Technology to Farmers to Enhance Safe Food and Increase Commercial Value

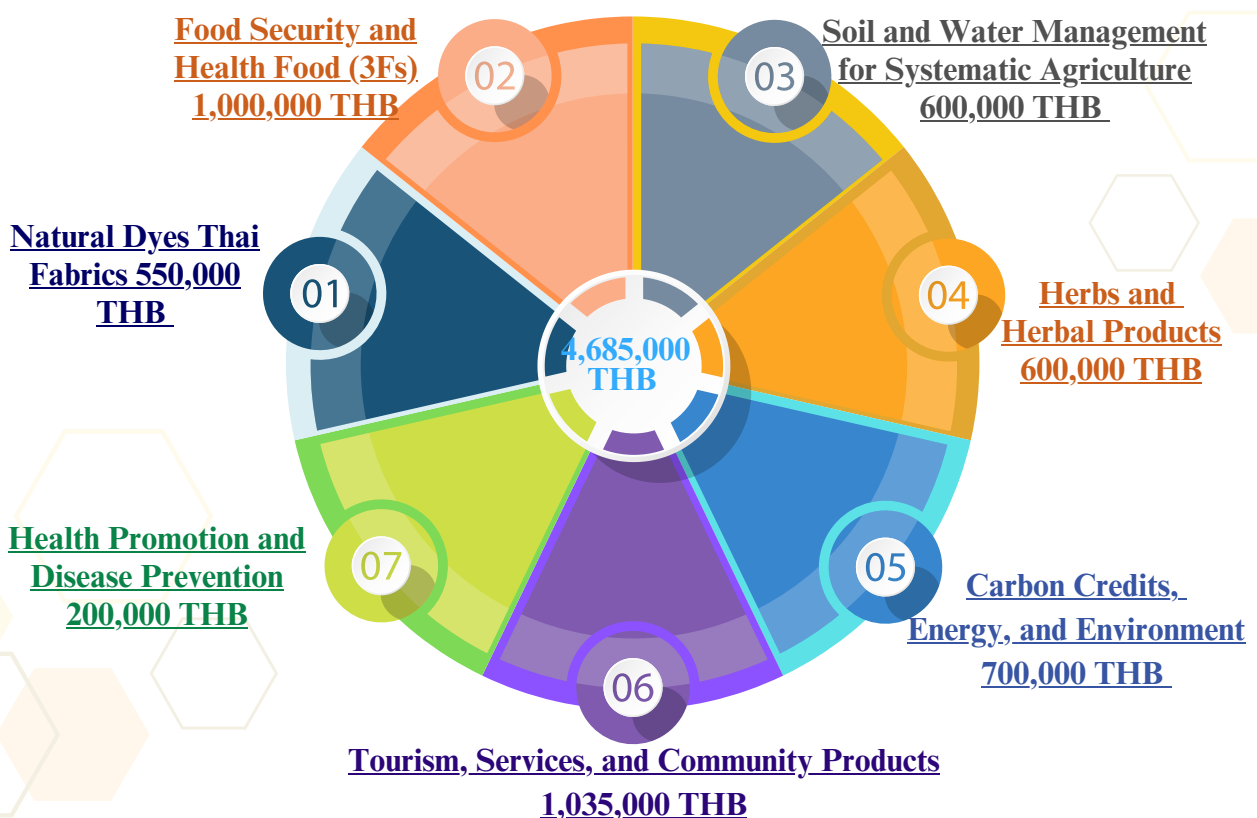
ACADEMIC SERVICES

Budget for Academic Service Projects from External Funding Sources for Fiscal Year 2020 - 2024 (B.E. 2563 - 2567)

Funding Sources/Fiscal Year	2563	2564	2565	2566	2567
1. U-School Project	3,480,000	612,000	324,000	272,000	222,000
2. Technology Clinic Project	921,000	243,750	237,500	260,000	238,750
3. Science Village Project	1,637,000	1,354,150	586,680	202,380	349,000
4. Science Coupons for OTOP Project	3,985,160	860,000	918,200	800,000	1,647,000
5. Community Business Capacity Enhancement Project	-	660,000	657,260	577,140	724,000
6. U2T Project	-	69,660,000	25,585,000	900,000	-
Total	10,023,160	73,389,900	28,308,640	3,011,520	3,180,750

Source: Report on Academic Service Project Funding for Fiscal Year 2024, Division of Research Facilitation and Dissemination, MSU

Budget for Supporting Academic Service Projects in Fiscal Year 2024 (Revenue Budget)



AWARD-WINNING INNOVATIONS/RESEARCH PROJECTS

Internationally Awarded Research Projects

01. “The 49 th International Exhibition of Inventions Geneva”

1. Invention : Phytomelatonin production through seed germination under salinity stress with exogenous melatonin addition: A novel food material for producing novel dietary supplements, functional food ingredients, and functional foods

Awards:

1. GOLD MEDAL
2. NRCT NRCT SPECIAL AWARD For the Outstanding Invention and Innovation at the International Exhibition (National research council of Thailand)



2. Invention : Imitated rice forming machine from various flours
Award: Silver Medal



3. Invention : A Finger Strength Training Kit for Physical Therapists and Practitioners of Applied Thai Traditional Medicine
Award: Silver Medal



AWARD-WINNING INNOVATIONS/RESEARCH PROJECTS

2.

The 7th CLMTV-CN Contemporary Art Awards 2024 and The 1st International Festival of Art and Cultures



Young Artist Award



Honored Artist Award



3.

“Best Paper Award” and “Best Presentation Award”

“Best Paper Award”



“Best Presentation Award”



OUTSTANDING INNOVATIONS/RESEARCH PROJECTS

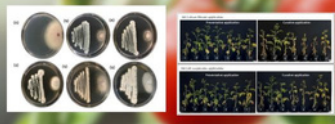

Outstanding Research Projects

Investigating the Effect of Citric Acid on the Compatibility of Bioplastic Blends Comprising Polyethylene Glycol-block-Polylactic acid and Thermoplastic Starch



Ms. Yaowalak Srisuwan Assoc.Prof.Dr. Prasong Sihanam Mr. Teerapol Promsopa Assoc.Prof.Dr. Yodthong Baimak

Researchers from the Faculty of Science, MSU, studied the use of antagonistic microorganisms to combat pathogens and promote the growth of tomatoes.

Assoc. Prof. Dr. Aphidech Sangdeek
Department of Biology, Faculty of Science
Maharakham University

Research Funding: Annual Revenue Budget for the Fiscal Year 2023 (B.E.2566), Maharakham University

Researchers from the Faculty of Science, MSU, discovered the "Gem of the Forest," a new species of turquoise pill millipede, in Thailand




Assoc. Prof. Dr. Piyatida Pimvichai
Department of Biology, Faculty of Science,
Maharakham University

Researchers from the Faculty of Science, MSU, discovered a new species of ostracod water flea in Kanchanaburi Province




Assoc. Prof. Dr. Sukonthip Savatanalinton
Department of Biology, Faculty of Science
Maharakham University

Researchers from the Faculty of Science, MSU, explored and discovered a new plant species in the Araceae family from northeastern Thailand




Assoc. Prof. Dr. Wilawan Prompram
Assoc. Prof. Dr. Wannachai Chaitan


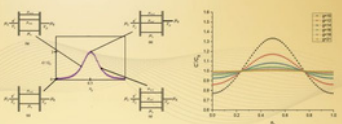
Department of Biology, Faculty of Science, Maharakham University

Learning about wild mushrooms and using the "สไลด์แช่กล้อง" application, developed by Thai experts, to scan for poisonous mushrooms




Article from the magazine: The cloud
Compiled by Sittichok Sricho
Researcher: Khwanruen Naksuwankul

Coulomb Blockade Boundary Line of a Quantum Island System

Asst. Prof. Dr. Prathan Srivilai
Department of Biology, Faculty of Science
Maharakham University

Journal of Statistical Mechanics: Theory and Experiment
Scopus Q1

Researchers from the Faculty of Science, MSU, studied the use of plant growth regulators to promote the growth of napier grass cultivated under atrazine-contaminated conditions




Assoc. Prof. Dr. Khanitta Somtrakul
Department of Biology, Faculty of Science
Maharakham University

Soil and Sediment Contamination: An International Journal
(Scopus Q2)

OUTSTANDING INNOVATIONS/RESEARCH PROJECTS


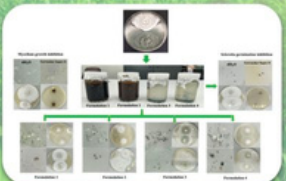
"We establish production standards to build consumer confidence in safety and continuously develop production methods towards organic agriculture standards, aiming for global benchmarks in the future."

Dr. Supachai Sutthicharoen
Deputy Dean for Property Management and Quality Development, Faculty of Technology, Maharakham University



MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

Developed a Liquid Formula of Trichoderma asperellum MSU007 Fungal Strains for Agricultural Applications to Reduce Chemical Usage

Assoc. Prof. Dr. Waraporn Sutthisa
Department of Biology

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

MSU Researchers Develop Brightening Serum Formula from Bolete Mushrooms




Assistant Professor Dr. Ampa Kosue
Faculty of Medicine
Maharakham University

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

MSU Researchers Develop Research and Innovations




Assoc. Prof. Dr. Tarawut Boonlua
Head of Research and Development Unit for Smart City Solution (RDSC)
Faculty of Architecture, Urban Design, and Creative Arts
Maharakham University

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

The research team from the Faculty of Science, MSU, conducted a study on the genetic characteristics and breeding sources of black flies (Diptera Simuliidae) and the breeding sources of black-tongued insects for the first time in Laos.

first time in Laos.



Assoc. Prof. Dr. Isara Thani
Department of Biology

Prof. Dr. Paiton Pramuang
Department of Biology

Assoc. Prof. Dr. Bhuwadol Gomontian
Department of Biology

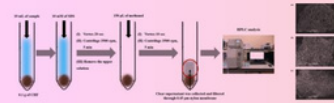
Ms. Waraporn Jangpat

Genetic Characterization and Breeding Habits of Black Fly (Diptera, Simuliidae) Vector Species in Laos

ISI_Q2 Scopus_Q2

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

The researchers from the Faculty of Science, MSU, developed a system for detecting residue in food samples




Assoc. Prof. Dr. Chitlada Wichaphong,
Department of Chemistry, Faculty of Science,
Maharakham University,
published in the journal: RCS Advances

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

Design of a High-Frequency Spin-Torque Oscillator for Application in Magnetic Data Storage Technology




Assoc. Prof. Dr. Phawadee Churemarn
Department of Physics

Assoc. Prof. Dr. Jessada Churemarn
Department of Physics

Magnetic Information Storage Technology (MINT)

Research funding: Fundamental Fund Grant for the year 2023 (B.E. 2566)

ISI_Q1 Scopus_Q1

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

Assessment of salt tolerance in phytodesalination candidates: Two varieties of *Fimbristylis-F. ferruginea* and *F. tenuicula* for restoring saline soil areas
Journal of Environment Quality




Asst. Prof. Dr. Piyanuch Khanema
Department of Biology, Faculty of Science

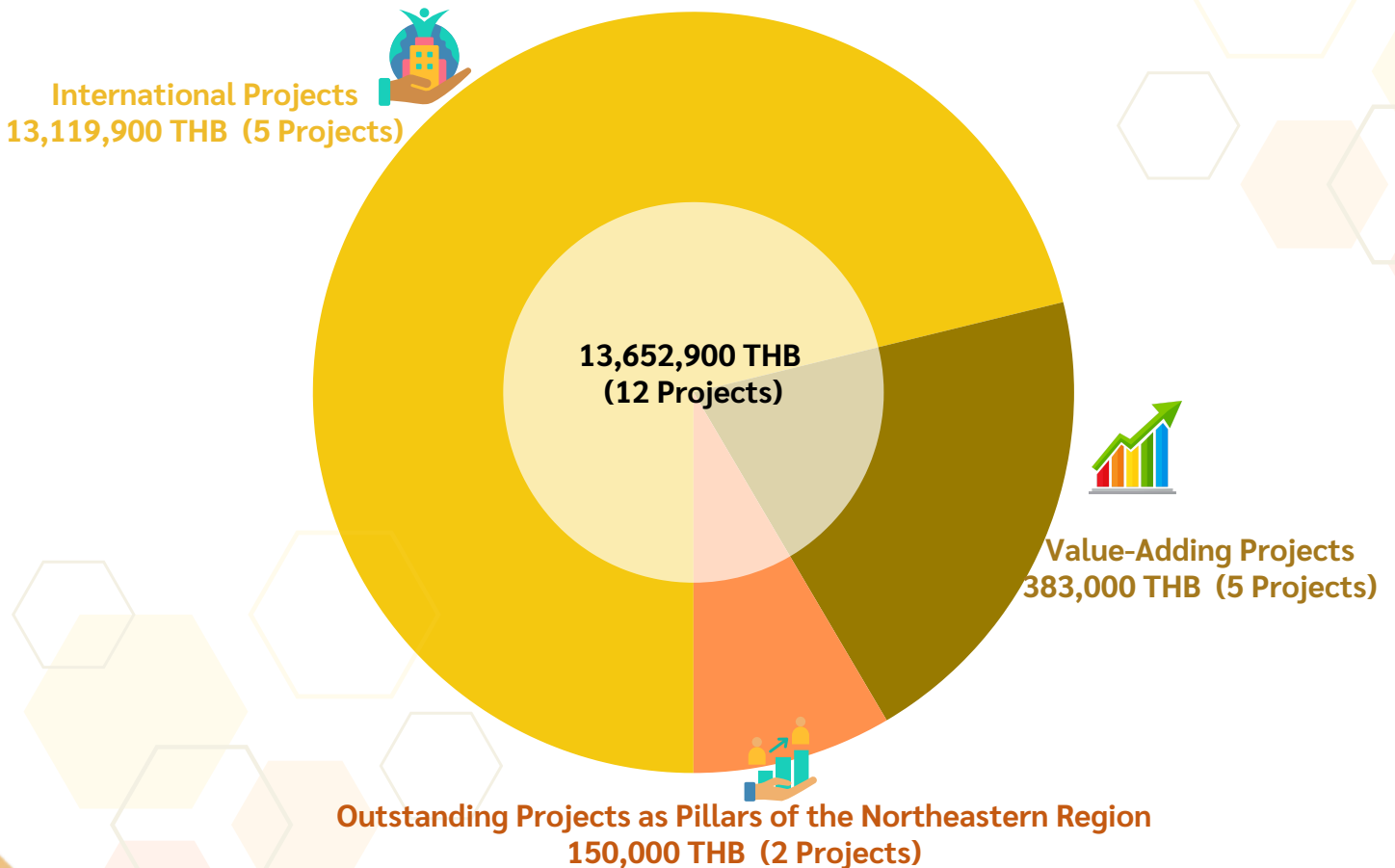
ISI_Q1 Scopus_Q1

MSU TODAY **MSU ONLINE** **MAHARAKHAM UNIVERSITY**

PRESERVATION OF ARTS AND CULTURE



Allocation of Funds for the Arts and Culture Preservation Project for Fiscal Year 2024 (B.E.) 2567



CULTURAL PRESERVATION AND PROMOTION



Plam Left Manuscript Wrap in Northeast Thailand
Identity and Diffusion

Maha Sarakham Precious Silk



Project on Enhancing the Management of Community-Based Health Tourism
Na Doon | Kae Dam | Kantharawichai | Kosum Phisai

With the BCG Concept and Model Approach
Focused on Maharakham Province and its
surrounding areas to accommodate quality
tourists



CULTURAL PRESERVATION AND PROMOTION

Learning Pathway: DNA University, Program Management Unit on Area Based Development, Learning City

Evaluation of the Local Government Organization with Good Management Award for 2024 (B.E.2567) (Final Round) - Maharakham Municipality



Management for the Development of RAINS for Thailand Food Valley Tung Kula Rong Hai

Project on the development of ready-to-eat food products from tadpoles and retired frog, packaged in airtight sterilized containers, to add value to local products.



Smart University

Strategy Summary

1
SMART
GOVERNANCE

2
SMART
FINANCE

3
SMART
ASSETS

4
SMART
PEOPLE

5
SMART
DIGITAL

6
SMART
INFRASTRUCTURE

MAHARAKHAM UNIVERSITY

Developing a budget system focused on outcomes and achievements to lead the university toward excellence



Enhancing the efficiency and transparency of the payment and receipt system by applying technology



Enhancing the efficiency of asset management to generate income



Enhancing the development of high-performance personnel



Developing digital innovations.



Improving digital infrastructure to support teaching, learning, research, and operations in recreation, enabling data connectivity and work accessibility anywhere, anytime



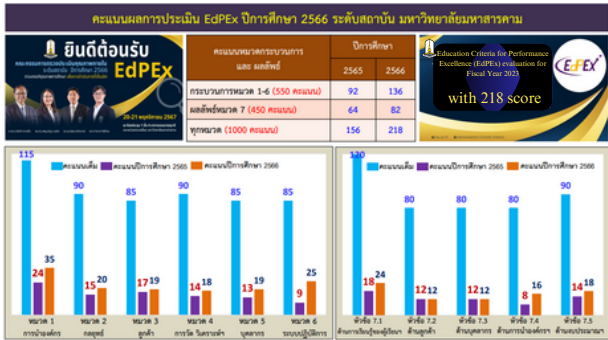
MSU TODAY ฟ้า MSU ONLINE

MAHARAKHAM UNIVERSITY

Smart University

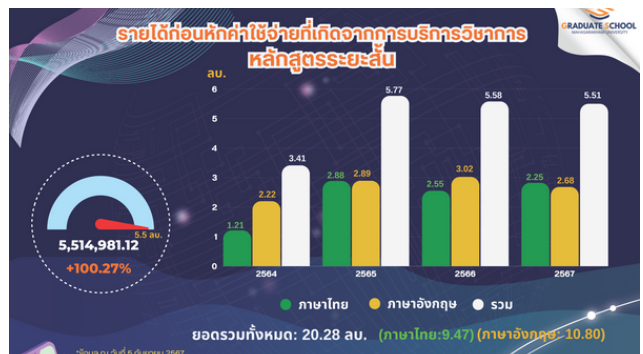
Smart Governance

Developing a budget system focused on outcomes and achievements to lead the university toward excellence



Smart Assets

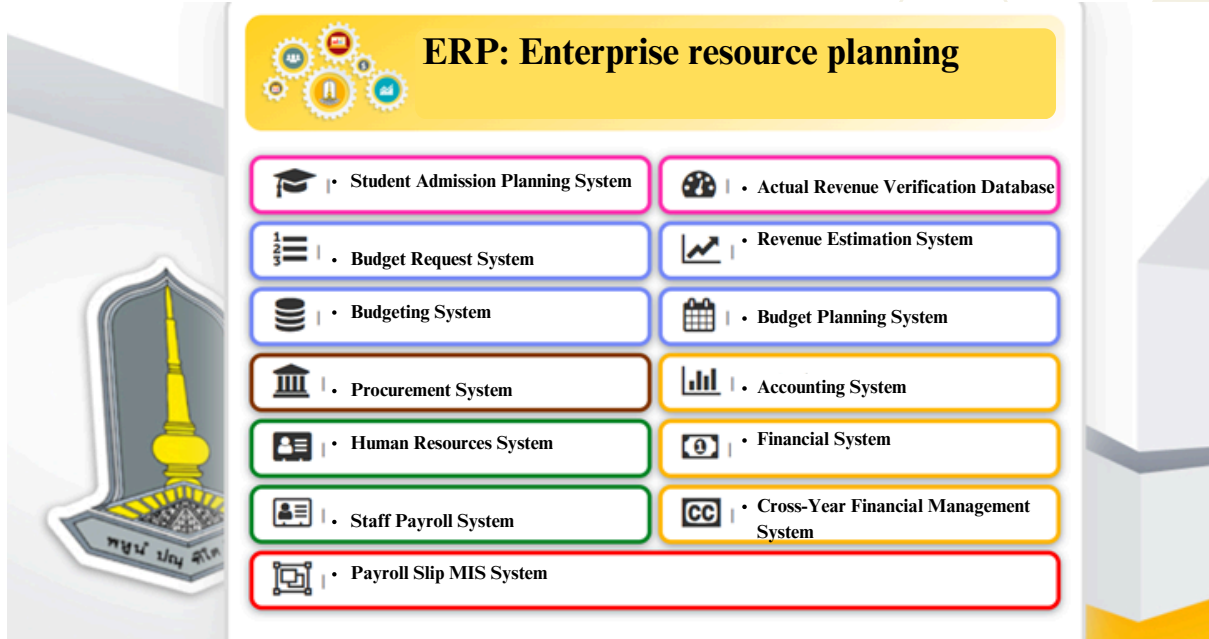
Enhancing the efficiency and transparency of the payment and receipt system by applying technology



Smart University

Smart Finance

Enhancing Property Management Efficiency to Generate Income



Smart People

Enhancing the Development of High-Performance Personnel



Smart University

Smart Digital Developing digital innovations

Smart Infrastructure

Enhancing digital infrastructure to support teaching, research, and operations in recreational areas,
To be able to link data and work accessibility anytime, anywhere

INSTITUTION RANKINGS



MSU Dominates Thailand's Top 20: 20 Coolest Majors Ranked SCImago 2024

6th
FOOD SCIENCE

7

- Aquatic Science
- Biomedical Engineering

9

- Animal Science and Zoology
- Veterinary

12

- Physics and Astronomy

13

- Ecology, Evolution, Behavior and Systematics
- Geography, Planning and Development
- Mathematics

16

- Computer Science
- Plant Science
- Business, Management and Accounting

17

- Chemistry
- Earth and Planetary Sciences
- Public Health, Environment

18

- Agricultural and Biological Sciences

19

- Engineering
- Education
- Medicine

www.scimagoir.com

MSU Major Earns Top 20 Ranking in Thailand (SCImago 2024)



SCIMAGO INSTITUTIONS RANKINGS

MSU MASARAKHAM UNIVERSITY THAILAND

TOP 20 UNIVERSITIES IN THAILAND 2024 IN FOOD SCIENCE

1	Kasetsart University
2	Prince of Songkla University
3	Chulalongkorn University
4	Mahidol University
5	Chiang Mai University
6	Maharakham University
7	Khon Kaen University
8	Soranore University of Technology
9	Asian Institute of Technology
10	King Mongkut's Institute of Technology Ladkrabang
11	Maipo University
12	Sinobhairotwat University
13	Mae Fah Luang University
14	King Mongkut's University of Technology Thonburi
15	Naresuan University
16	Walailak University
17	Thammasat University
18	University of Phayao
19	Burapha University
20	Rajabhatganga University of Technology Isan

SCIMAGO INSTITUTIONS RANKINGS

MSU MASARAKHAM UNIVERSITY THAILAND

TOP 20 UNIVERSITIES IN THAILAND 2024 IN AQUATIC SCIENCE

1	Chiang Mai University
2	Walailak University
3	Kasetsart University
4	Prince of Songkla University
5	Chulalongkorn University
6	Khon Kaen University
7	Maharakham University
8	Asian Institute of Technology
9	Burapha University

SCIMAGO INSTITUTIONS RANKINGS

MSU MASARAKHAM UNIVERSITY THAILAND

TOP 20 UNIVERSITIES IN THAILAND 2024 IN ANIMAL SCIENCE AND ZOOLOGY

1	Kasetsart University
2	Mahidol University
3	Chulalongkorn University
4	Khon Kaen University
5	Prince of Songkla University
6	Chiang Mai University
7	Walailak University
8	Soranore University of Technology
9	Maharakham University
10	Naresuan University
11	Maipo University
12	University of Phayao
13	King Mongkut's Institute of Technology Ladkrabang

SCIMAGO INSTITUTIONS RANKINGS

MSU MASARAKHAM UNIVERSITY THAILAND

TOP 20 UNIVERSITIES IN THAILAND 2024 IN VETERINARY

1	Chulalongkorn University
2	Kasetsart University
3	Chiang Mai University
4	Mahidol University
5	Khon Kaen University
6	Soranore University of Technology
7	Prince of Songkla University
8	Naresuan University
9	Maharakham University
10	Walailak University

www.scimagoir.com

INSTITUTION RANKINGS

MSU MAHARAKHAM UNIVERSITY

มมส คร่าอันดับที่ **5** ร่วม ในระดับประเทศ และอันดับที่ **1501+** ในระดับโลก

จากการจัดอันดับของ **THE World University Rankings 2025**

Update : 10 October 2024
Url : <https://www.timeshighereducation.com/world-university-rankings/maharakham-university>

MSU MAHARAKHAM UNIVERSITY

มมส เข้าเป็นส่วนหนึ่งในการผลักดันเป้าหมายการพัฒนาที่ยั่งยืน ได้รับการจัดอันดับที่ **801 - 1000** โดย **THE Impact Rankings 2024**

Update : 12 June 2024
Url : <https://www.timeshighereducation.com/impactrankings>

มมส ได้รับการจัดอันดับ **THE World University Rankings 2024 by Subject** **4** สาขาวิชา

<p>Life Sciences อันดับที่ 3 อันดับแรก</p> <p>ได้แก่ • International Outlook • Research Quality • Industry</p>	<p>Physical Sciences อันดับที่ 3 อันดับแรก</p> <p>ได้แก่ • Industry • International Outlook • Teaching</p>
<p>Clinical and Health อันดับที่ 3 อันดับแรก</p> <p>ได้แก่ • International Outlook • Research Quality • Industry</p>	<p>Engineering อันดับที่ 3 อันดับแรก</p> <p>ได้แก่ • International Outlook • Industry • Research Quality</p>

Url : <https://bit.ly/3tMagn3> : 27 ตุลาคม 2566

มมส ครองอันดับ **7** ร่วมของไทย และอันดับที่ **601+** ในเอเชีย

โดยการจัดอันดับของ **THE World University Rankings 2024 Asia**

Update : 3 เมษายน 2567
Url : <https://www.timeshighereducation.com/world-university-rankings/2024/regional-ranking>

MSU MAHARAKHAM UNIVERSITY

มมส คร่าอันดับที่ **18** ร่วมของมหาวิทยาลัยไทย

อันดับที่ **751-800** ในระดับเอเชีย

อันดับที่ **= 131** ในระดับเอเชียตะวันออกเฉียงใต้

จากการจัดอันดับของ

Update : 13 November 2024
Url : <https://www.topuniversities.com/asia-university-rankings>

TOP RANK ด้านการรับนิสิตแลกเปลี่ยน

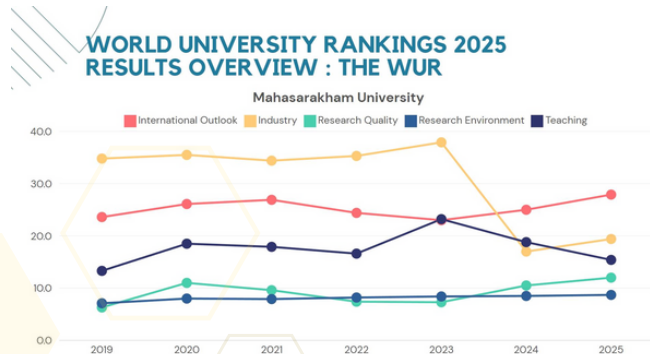
อันดับที่ 6 ของประเทศไทย

อันดับที่ **127** ของภูมิภาคเอเชียตะวันออกเฉียงใต้ และอันดับที่ **751-800** ของทวีปเอเชีย

จากการจัดอันดับของ **QS Asia University Rankings 2024**

โดยสถาบันการจัดอันดับ Quacquarelli Symonds (QS)

Update : 1 ตุลาคม 2566



มมส คร่าอันดับ **14** มหาวิทยาลัยไทย และอันดับ **1,071** ของโลก

UNIVERSITY CONTACT CHANNELS FOR UPDATES AND INFORMATION



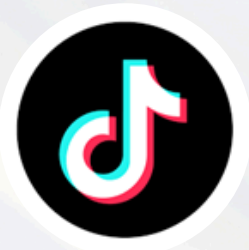
www.msu.ac.th



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Maharakham University Thailand



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GOOD UNIVERSITY

REPORT 2024

University
MAHASARAKHAM



Prepared by:
Planning Division Mahasarakham University
Divisions of Public Relations and International Affairs
Mahasarakham University
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