



















Good University Report Chiang Mai University 2023



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History

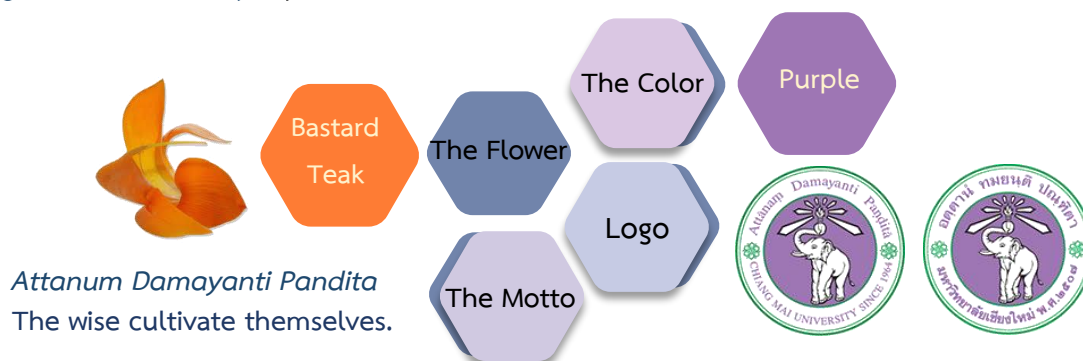
Chiang Mai University is the first regional university of Thailand, established in accordance with the call of the northern people. It was founded by the Chiang Mai University Act on 22 January 1964, which has been regarded as the university's official establishment day. On 24 January 1965, His Majesty King Bhumibol Adulyadej graciously presided over the opening ceremony of the university, marking Chiang Mai University Foundation Day which is celebrated annually.

General Information about Chiang Mai University

Development

- 2014-2023 ● 6th Decade a world-class and sustainability university
- 2004-2013 ● 5th Decade Development toward a university of excellence
- 1994-2003 ● 4th Decade Development toward a research university
- 1984-1993 ● 3rd Decade Standard development on educational quality
- 1974-1983 ● 2nd Decade Educational expansion to create values of the university for the North and Thailand
- 1964-1973 ● 1st Decade Fundamental creation and educational development

Chiang Mai University Symbols



Location and Area Size




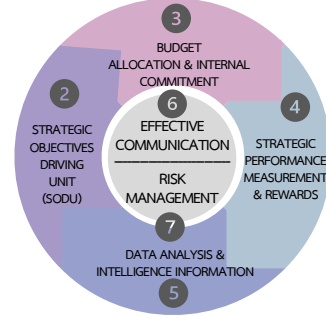
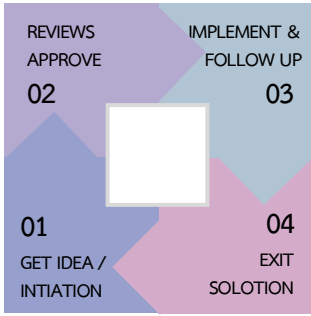
The university covers a large area and is located amidst natural abundance.

Total Area : 3,518.8 Acres

- Main campus located around Suthep Mountain and Suan Dok Area, Chiang Mai **727.6 Acres**
- Education Area, Mae Hia, Chiang Mai **511.06 Acres**
- Education Area, Hariphunchai, Lamphun **1,868.37 Acres**
- Education Area, Samut Sakhon **1.97 Acres**
- Others **409.09 Acres**

Chiang Mai University has implemented the Educational Development Plan, Phase 13 (2023-2027), with aims to move the university forward in response to the national strategies and the needs of all relevant parties, both at local and national levels, e.g. students, employers, communities, society, public organizations, and private entities using the academic and research works to develop the university and the whole country in accordance with the Sustainable Development Goals (SDGs). The organizational movement is based upon the principle of sufficiency economy, with core competencies to integrate the interdisciplinary specializations to create the sustainable innovations. The visions for university administration and development are described below.

**University Administration
Toward Sustainable Development**

<p>Vision</p>	<p>A Leading University Committed to Social Responsibility for Sustainable Development Through Innovation</p>						
<p>Goals</p>	   <p>Top 50 60,000 Million Baht TQC + (Innovation)</p>						
<p>CMU Educational Development Plan, Phase 13 (2023-2027)</p>	<p>Strategic Objective</p>	<p>SO1 Biopolis Platform</p>	<p>SO2 Medicopolis Platform</p>	<p>SO3 Creative Lanna Platform</p>	<p>SO4 Education Platform</p>	<p>SO5 Research and Innovation Platform</p>	
<p>A 4-Year University Administration Plan (2022-2026)</p>		<p>Strategic Execution Approaches</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="432 1126 635 1352"> <p>SO1 CMU BCG Valley Sustainable Smart Campus</p> </div> <div data-bbox="643 1126 845 1352"> <p>SO2 Digital Health Medical & Health Innovation District</p> </div> <div data-bbox="853 1126 1056 1352"> <p>SO3 Creative district Design & Culture Entrepreneurship Creative Lanna, Creative Lanna Branding</p> </div> <div data-bbox="1064 1126 1267 1352"> <p>SO4 Multidisciplinary Program Innovative Learning Inclusive Education Data & Demand Driven</p> </div> <div data-bbox="1275 1126 1477 1352"> <p>SO5 Frontier & Deep Tech Global Partnership Open-Innovation Research & IP</p> </div> </div> <div style="background-color: #003366; color: white; padding: 5px; text-align: center; margin-top: 10px;"> <p>PM2.5 RELATED NCDS (SO1, SO2, SO4, SO5)</p> </div> <div style="background-color: #336699; color: white; padding: 5px; text-align: center; margin-top: 10px;"> <p>SO6 Agile & Resilient, Innovative Workforce, Intelligent Organization</p> </div> <div style="background-color: #663399; color: white; padding: 5px; text-align: center; margin-top: 10px;"> <p>Targets & Milestones</p> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="478 1556 526 1825" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>1 CMU INTERNAL REPROFILE</p> </div> <div data-bbox="542 1556 869 1870" style="text-align: center;">  </div> <div data-bbox="1037 1556 1348 1870" style="text-align: center;">  </div> </div> <div style="margin-top: 10px;"> <ul style="list-style-type: none"> <li style="margin-right: 10px;">● Strategic Driving Mechanism <li style="margin-right: 10px;">● HR Capacity Building <li style="margin-right: 10px;">● Intelligence University <li style="margin-right: 10px;">● Financial & Budget Management <li style="margin-right: 10px;">● Sandbox – initiatives Mechanism </div>				
<p>Missions</p>	<p>Graduate Teaching and Training Knowledge Accumulation and Application (Research-Innovation) Academic Services to Motherland Lanna-Thai Cultural Restoration and Environmental Conservation</p>						

The Links between Strategic Missions of CMU Development Plan, Phase 13 (2023-2027) and Sustainable Development Goals (SDGs)



SO1 Biopolis Platform

- CMU BCG Valley
- Sustainable
- Smart Campus



SO2 Medicopolis Platform

- Digital Health, Medical & Health
- Innovation District



SO3 Creative Lanna Platform

- Creative District Design & Culture
- Entrepreneurship Creative Lanna
- Creative Lanna Branding



SO4 Education Platform

- Multidisciplinary Program
- Innovative Learning
- Inclusive Education
- Data & Demand Driven



SO5 Research and Innovation Platform

- Frontier & Deep Tech Translational
- Global Partnership
- Open-Innovation
- Research & IP Utilization



SO6 Organizational Management toward Excellence

- Agile & Resilient
- Innovative Workforce
- Intelligent Organization



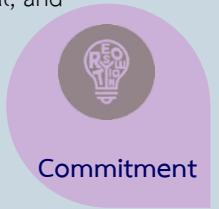
PM2.5 RELATED NCDS



- Chiang Mai University is the first regional university, based on the government’s policy and the intent of the northern people, devoted to being a center for academics and high professions to benefit localities and the country as a whole.

- This university is a place for knowledge accumulation, studies, research, and knowledge transfer in accordance with academic freedom and morality, and academic excellence, application, dissemination of arts and culture restoration.

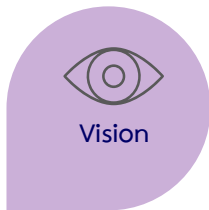
- All graduates of Chiang Mai University will concentrate on self-training to become knowledgeable, thoughtful, and practical persons as well as being able to manage themselves and other people, and work with ethical and social awareness.



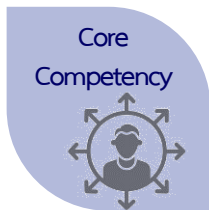
Vision, Commitment, Mission, Core Competency, Values, Organizational Culture

A Leading University Committed to Social Responsibility for Sustainable Development Through Innovation

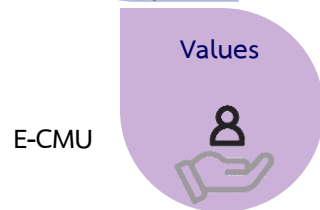
Hand-in-hand basis



1. Provide education and training to the students.
2. Collect and apply the body of knowledge (Research – Innovation).
3. Provide academic services as gratitude to the motherland.
4. Preserve and nurture Lanna-Thai cultural heritage and natural environment (a supportive mission through an integrated operation with other missions).



Integration of interdisciplinary specializations for producing innovations toward sustainability



E-CMU

E-Excellence	C-Community/ Engagement	M-Morality	U-Unity
<ul style="list-style-type: none"> Focusing on the quality of excellence Focusing on work efficiency Focusing on flexibility Learning organization 	<ul style="list-style-type: none"> Creating a sense of love and bond with the organization Focusing on the locality and having social accountability 	<ul style="list-style-type: none"> Having good governance Promoting morality Developing a volunteering spirit/service 	<ul style="list-style-type: none"> Working as a team

Administration Guidelines for CMU Accomplishments



Strategic Driving Mechanisms

1. CMU Internal Re-Profiling
2. Strategic Objectives Driving Unit (SODU)
3. Budget Allocation and Internal Commitment
4. Strategic Performance Measurement and Rewards
5. Data Analysis and Intelligence Information
6. Effective Communication
7. Risk Management

Sandbox – Initiatives Mechanism and Get Idea/Initiation



It motivates the perceptions of a support mechanism, attracts the engagement of divisions and personnel, and accepts the proposal from the divisions deemed necessary for the Sandbox system. Upon the acceptance of Sandbox proposal, reviews and approval will be undertaken. In case of Sandbox, the knowledge management tank will be categorized for its new issues, which will be forwarded to the executives for a trial operation. Meanwhile, the agile team will be formed to take responsibility of a new working system. At this stage, the evaluation and follow-up are periodically required for exit solutions. These might be the end of the operation or continuation of a new system or a transfer and a development into a regular system as deemed appropriate.



Agile & Resilient Organization – This is carried out to enhance the efficiency and effectiveness, increase the flexibility, reduce the repetition of work, adjust to changes, and design the organizational pattern through participation of CMU personnel in response to the needs of customers and service receivers.



New Personnel Administration System - ● Active Recruitment ● Double Appointment

● Talent Mobility ● Proactive Researchers for Driving the Strategies of Frontier Researchers for Targeted and Industrial Research

CMU EdPEX

CMU-EdPEX – Adopting the EdPEX as the guidelines for administration to ensure all the divisions within the university to use their full potential in the same direction.



CMU Digital Transformation – To move forward the Digital University based on the implementation of Digital Transformation, an educational digital platform is developed to support the study, research, administration, and academic services for the society and communities through technologies.



Digital University through Digital Technology for Administration and Public Services

Five essential aspects: 1) Digital Infrastructure; 2) Digital Administration; 3) Digital Learning/Research and Community Services; 4) Digital Security and Standards; and 5) Digital Faculties/Students and Human Resources toward the digital university are systematically arranged for New S-Curve.



Big Data for Academic Services and Administration – Data of air quality and haze, Participatory Onehealth Disease Detection (PODD), water management system, and administration system for a smart city are the tools for effective management.



Teaching and Learning Innovation Center (TLIC) – To develop the quality of teaching and learning through consistent innovations, an educational digital platform that supports such educational patterns is created.



CMU School of Lifelong Education

It focuses on the educational development of people of all ages, which supports a credit accumulation in the form of a credit bank to be further transferred to the degrees.



Angkaew Holding Co., Ltd.

This is established for further development of knowledge toward innovations for commercial purposes.

Outstanding & Awarded Innovations and Research

1. A Discovery of ‘Bunga Lalisa’, a New Flowering Plant of the World, or in a Scientific Name of ‘*Friesodielsia lalisae* Damth., Baka & Chaowasku



2. *FoodPrompt* with the National Research Award for Outstanding Invention, Fiscal Year 2023, for Information Technology and Communication



3. The Bronze Prize for International Invention and Innovation Contest from Seoul International Invention Fair 2022 (SIIF 2022) in Seoul, the Republic of Korea



4. The Winner Award for Creative Work in Kon Kao Ya Koo – Collaborative Augmented Reality for Community Festival at the 11th International Arts and Design Symposium “Work in Process” 2023



5. Best Innovation Award 2022 in China-ASEAN Innovation and Entrepreneurship Competition along with CAS Cogniser (Thailand) Co., Ltd.



6. The Research Title: First Stranding Event of a Common Minke Whale (*Balaenoptera autorotated* Lacepede,1804), Reported in the Gulf of Thailand, published in the Diversity Journal (Published: 6 April 2023)



7. Two Researchers with Thailand Materials Researcher Award 2022 from The Materials Research Society of Thailand)



8. The Research Title: Development of In-house ELISA for Detection of Antibodies against Lumpy Skin Disease Virus in Cattle and Assessment of its Performance Using a Bayesian Approach, Published in the Heliyon (Published: 4 February 2023)



9. The Winner Award at the 11th National Nanotechnology Innovation Contest from the Research Titled in Ripening Delay and Self-Life Extension of Fruits



10. The Silver Medal and Special Prize from the Kingdom of Saudi Arabia from the Presentation of CMU-DonePorDee - Help Cleft Patients with Innovative Stents



11. A Discovery of Two New *Russula* Species (*Russulaceae*, *Russulales*) of the World





12. A Total of 12 National Research Awards on the Thailand Inventors' Day 2023 as follows:



A Distinguished Research Award

1. Research Title: Ending and Protecting Child Statelessness in Thailand: Developing an Accelerated Nationality Review Model

Outstanding Research Awards

2. Research Title: Realizing the Symmetry-Protected Haldane Phase in Fermi-Hubbard Ladders
3. Research Title: Experiences and Problems Concerning Freedom to Peaceful Assembly to Improve the Public Assembly Act of 2015
4. Research Title: The Development of Measures to Protect Civilian from States Surveillance on Communication
5. Research Title: Border Bribery: Anthropological Studies of Corruption

A Distinguished Thesis Award

6. Thesis Title: Textualizing the Chinese of Thailand: Politics, Knowledge and the Chinese in Thailand during the Cold War

Outstanding Thesis Awards

7. Thesis Title: 2D Electronic System in Layered Semiconducting Materials
8. Thesis Title: Effects of Altered Gut Microbiota on Cognitive Function and Microglia Function in Obese-Insulin Resistant Rats with or Without Testosterone Deprivation
9. Thesis Title: Innovation Intermediaries for University-Industry R&D Collaboration: Case Studies of University Science Parks in Northern Thailand

Outstanding Invention Awards

10. Plasma Innovation Creates Value for Creative Community Products for the New Normal Lifestyle
11. "FoodPrompt" Smart Technologies for Personalized Nutrition Support and Food Fabrication

Certificate of Recognition

12. "PINTO" Smart Food Scanner

13. The Outstanding Award for New Analytical Chemistry Platform with Moving Drop at the 23rd World Sterilization Congress in Barcelona, Spain



14. Rice Husk-derived Nana-SiO₂ Assembled on Reduced Graphene Oxide Distributed on Conductive Flexible Polyaniline Frameworks toward High-performance Lithium-ion Batteries



15. Improved Reproducibility of Carbon-based Cesium/ Formamidinium Perovskite Solar Cells via Double Antisolvent Drippings in Adduct Approach



16. The Outstanding Research Award for Capital Market from the Research Titled in "How Does ESG Affect Listed Family Firm's Performance?" under the Research Fund Project for Capital Market 2023 from the Stock Exchange of Thailand (SET)



17. The Winner Award of the National Innovation Award 2023 for Innovation in Media and Communication from the Project of 'Building on the Light Show, Chedi Luang Temple, Chiang Mai'



Educational Opportunity Expansion

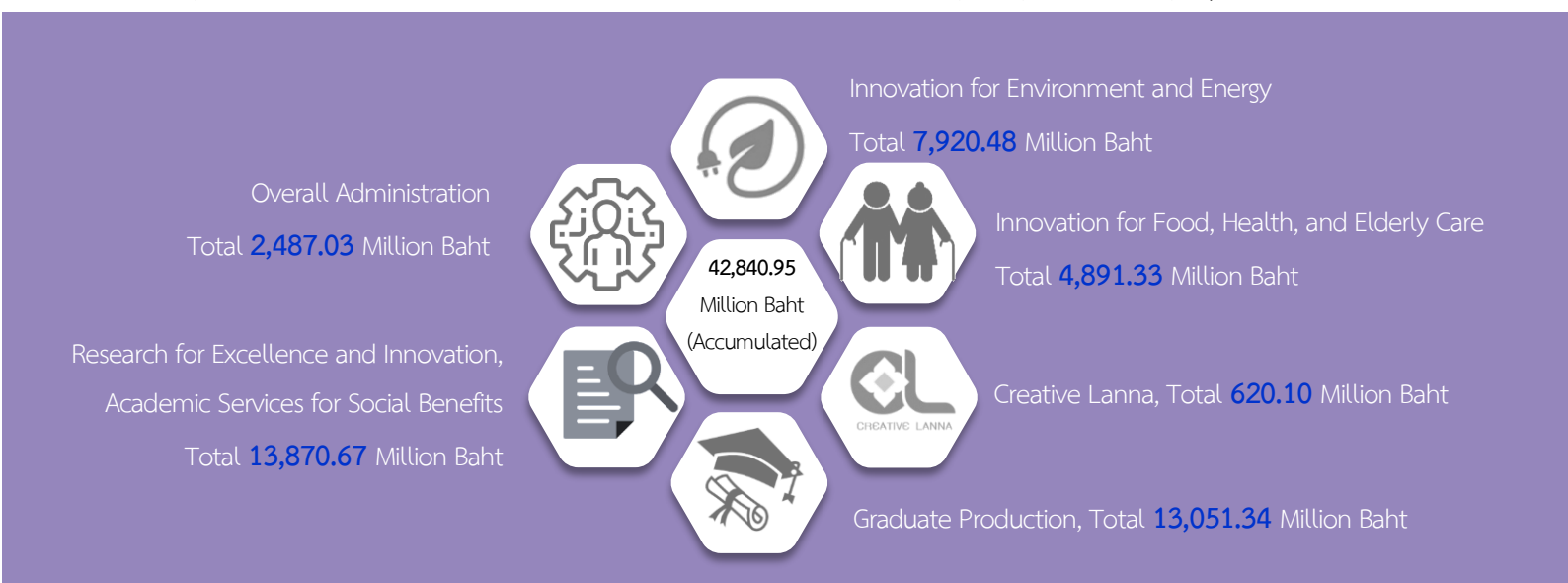
Since the Academic Year 2023, Chiang Mai University has continuously accepted students who enrolled in various special projects to expand educational opportunities and reduce educational inequality while promoting those gifted students to enhance their own potential so as to apply the knowledge for creative work in each different field to benefit the country's development. These projects are listed below.

Roles in Promoting Educational, Economic and Social Equality

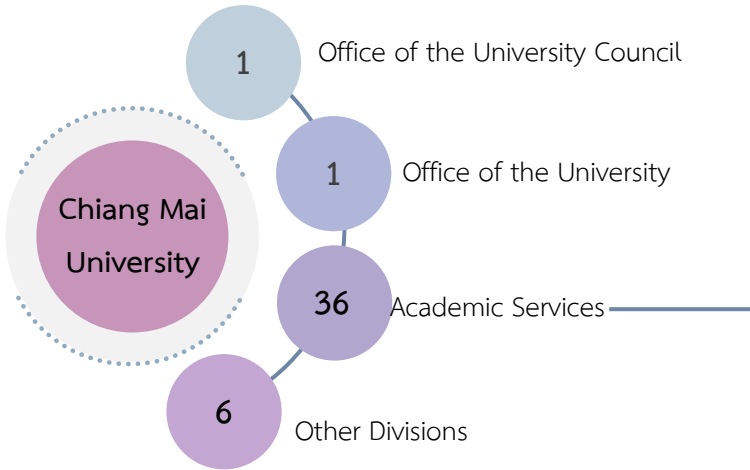
Increased Production of Rural Doctors	Hilltribe Students	Youth Excellence in Sports	Promotion for Students with Disadvantages, Disabilities and Talents
Khru Rak Tin Project	Mae Chaem and Omkoi Development	Mass Communication for Society	Artisan's Descendant Project (Architecture)
Higher Education for Well-behaved students	Graduate Project for Northern Communities	Hometown Teachers Project	Thai Muslim Students in 5 Southernmost Provinces
Social Thinkers	CMU Scientist Project	Woman in Engineering	Higher Education for Junior Farmers and National Farmers Council
Teacher Development Project for Border Patrol Police Schools	Enhancement Project for Students with distinctive Thai Language Skills		

Impacts of the University's Operations on the Society and Economy

The CMU operations under the Educational Development Plan, Phase 12 (2017-2022), Revised Edition 2020, can respond to the Sustainable Development Goals (SDGs) and deliver positive socio-economic impacts to the Province of Chiang Mai and the northern economy in a total of 42,840.95 Million Baht regarding the following aspects.



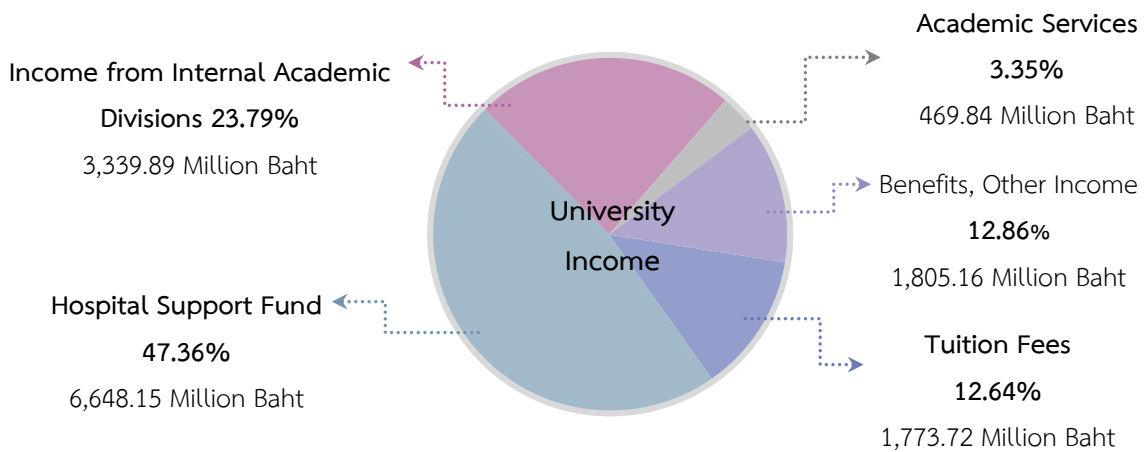
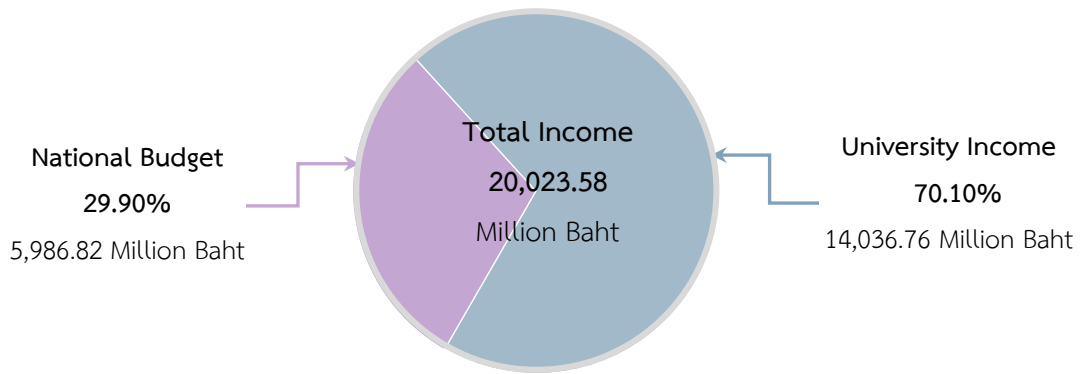
Organizational Structure



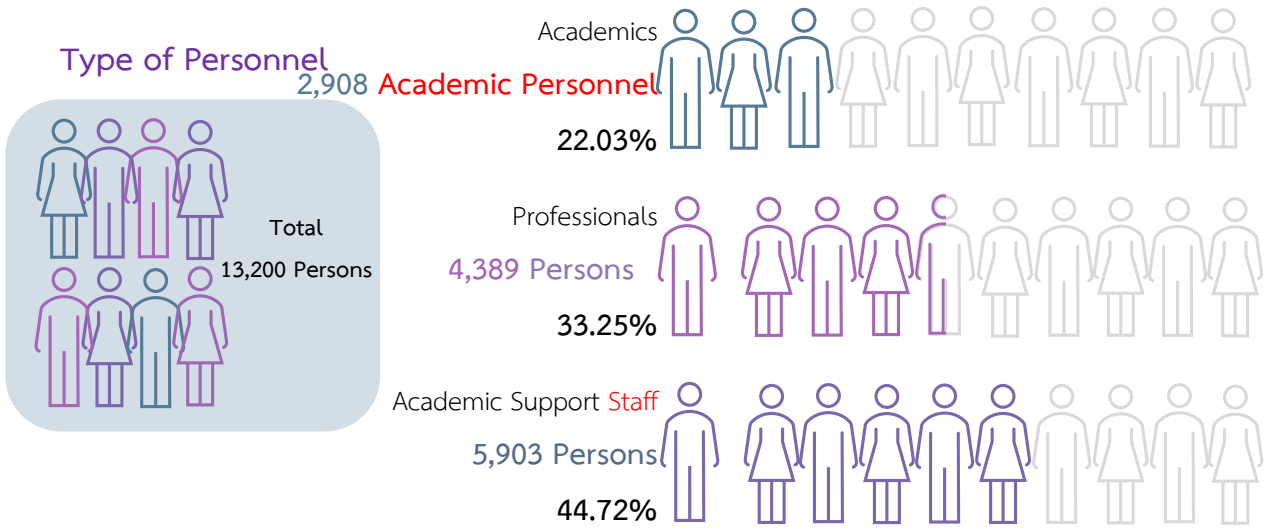
Organizational Contexts

- 21 Faculties
- 4 Colleges
- 9 Internal Academic Divisions
- 2 Research Institutes

Revenue of the Fiscal Year 2023



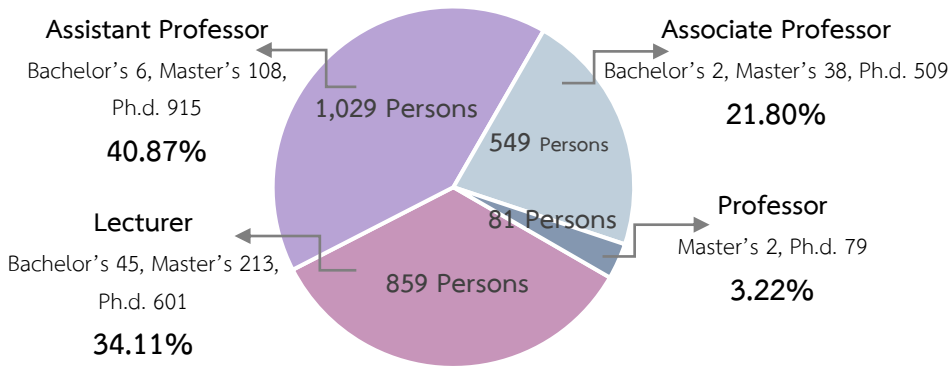
Personnel (By September 2023)



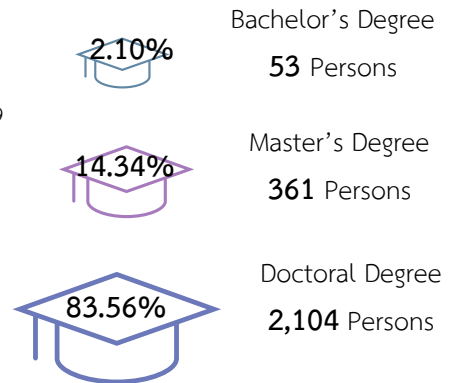
- Academics Personnel include
- 2,518 Lecturers
 - 242 Researchers
 - 97 Demonstration School Teachers
 - 12 Academicicians

Academic Personnel (Lecturer) 2,518 Persons

Classification by Academic Positions



Classification by Degrees

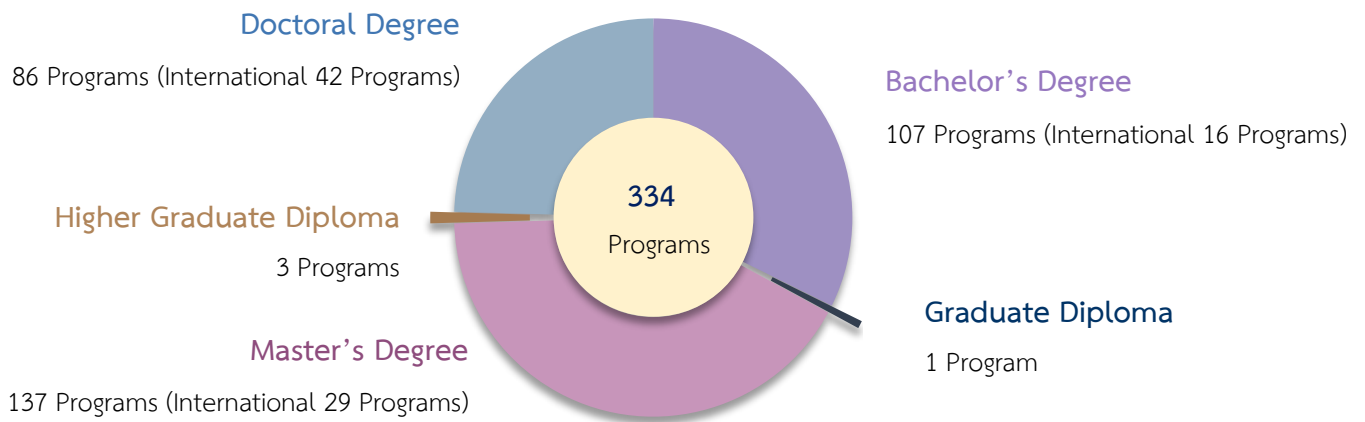


Ratio of Full-time Lecturers per Student 1: 16



Educational Management

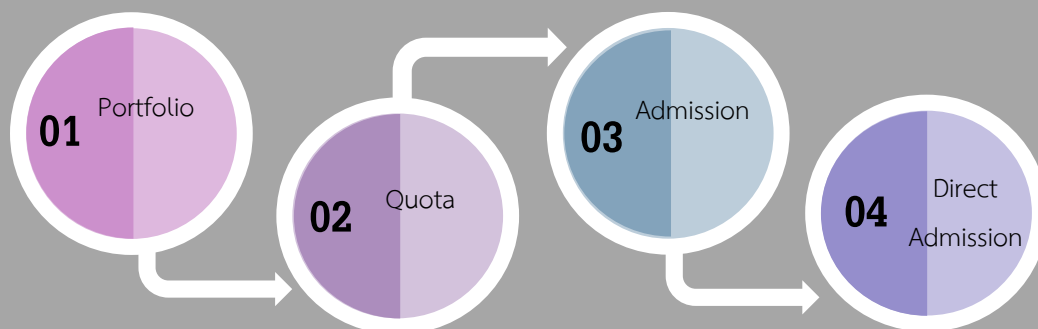
● Programs for Academic Year 2023



● Types of Teaching and Learning



● Student Admission system: TCAS (Thai University Center Admission System)



● Attributes of CMU Students: CMU Smart Student



● Attributes of CMU Graduates



Analyzing and solving problems in a systematic way, having critical thinking skills for decision making



Keeping up with modernity/ having knowledge and applying it for international competitiveness in a suitable manner



Being able to work with others effectively in intercultural contexts



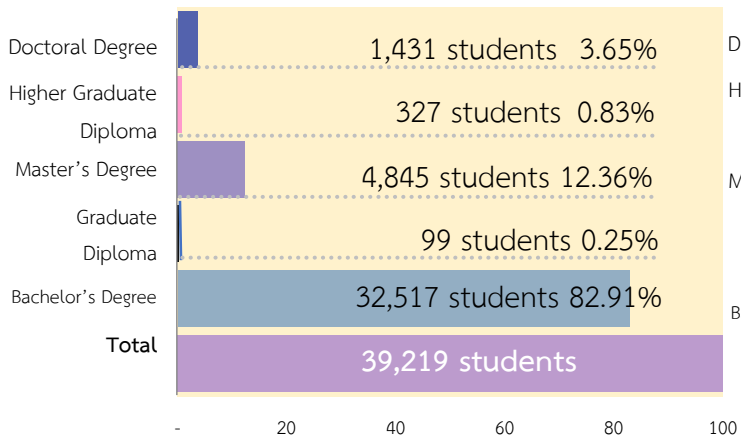
Developing good leadership and social coexistence skills



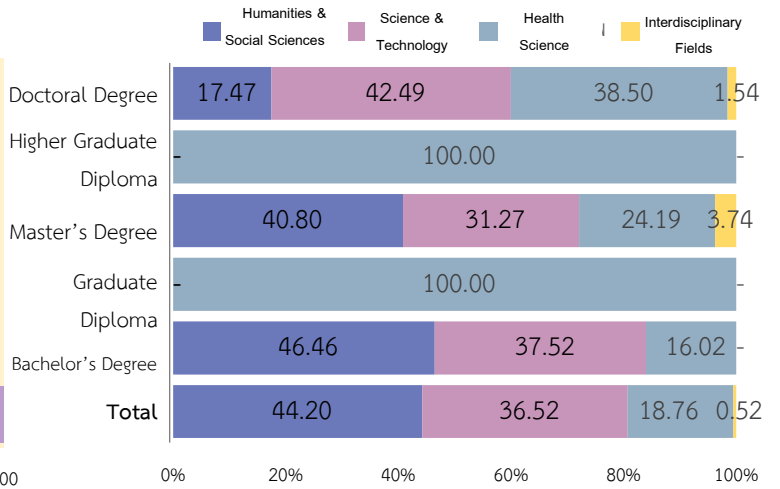
- Having skills as global citizen
- Being virtuous/ethical
- Holding academic/professional standards
- Having a volunteering spirit

● Number of Students, Academic Year 2023 (13 July 2023)

Total Students

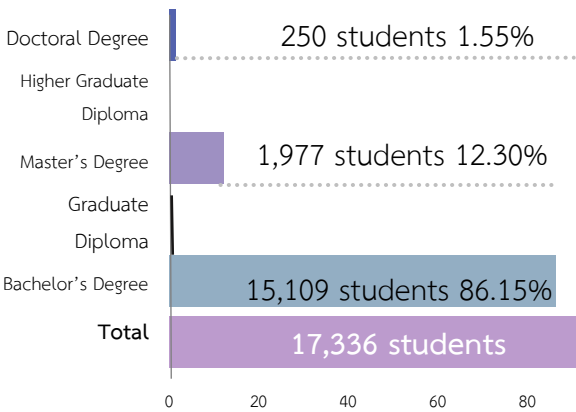


Student Ratio

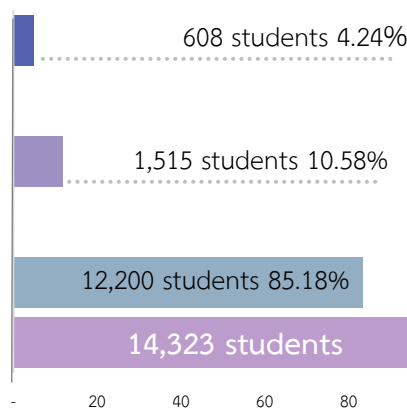


Number of Students Classified by Fields of Study

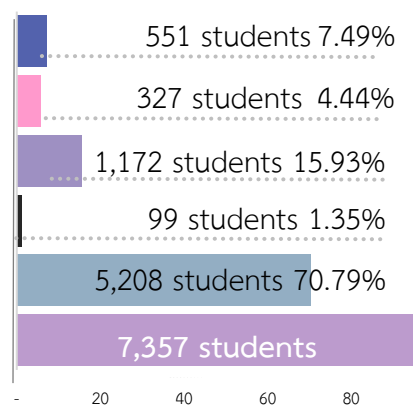
Humanities and Social Sciences



Science and Technology



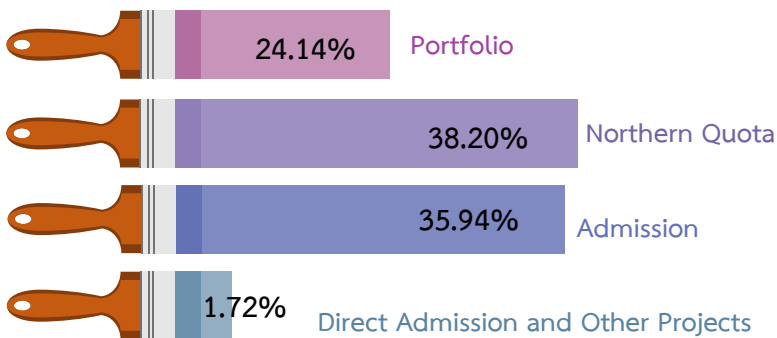
Health Science



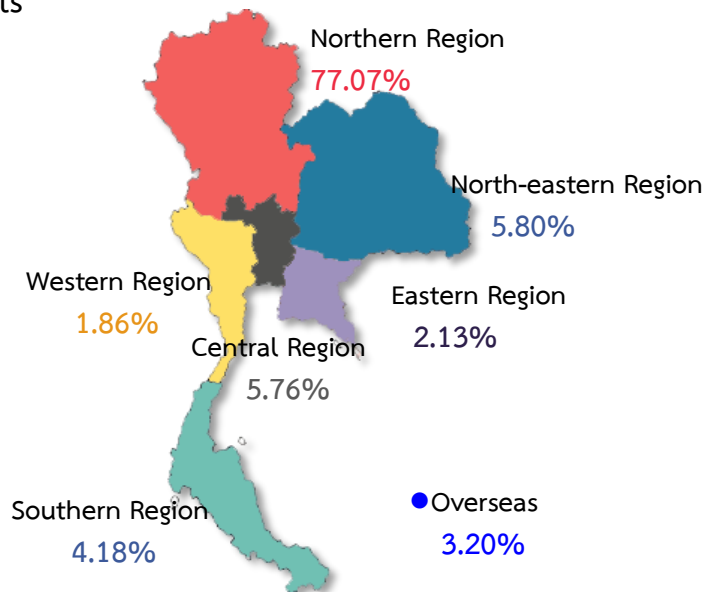
Interdisciplinary Fields: Master's Degree: 181 students, Doctoral Degree: 22 students

New Students for Bachelor's Degree: 9,064 students

New Students Classified by TCAS Admission



Domicile of New Students



● Tuition Fees

Average Tuition Fee per Semester, Bachelor's Degree

33,000-50,000 Baht

Faculty of Business Administration (Service Business Management), Faculty of Economics (Double Degree), Faculty of Mass Communication (Double Degree and Digital Film), College of Arts, Media and Technology Faculty of Dentistry (Year 3-6), Faculty of Pharmacy (Year 6), Faculty of Veterinary Medicine (Year 4-6)

20,000-30,000 Baht

Faculty of Fine Arts (Media Arts and Design, Creative Photography), Faculty of Economics, Faculty of Mass Communication, Faculty of Engineering, Faculty of Agro-Industry, Faculty of Architecture, Faculty of Associated Medical Science, Faculty of Nursing, Faculty of Veterinary Medicine (Veterinary Nursing), Faculty of Medicine, Faculty of Dentistry (Year 1-2), Faculty of Pharmacy (Year 1-5), Faculty of Veterinary Medicine (Year 1-3)

15,000-19,000 Baht

Faculty of Humanities, Faculty of Education, Faculty of Fine Arts, Faculty of Social Sciences, Faculty of Business Administration, Faculty of Political Science and Public Administration, Faculty of Law, Faculty of Science, Faculty of Agriculture



Special Programs

22,000-35,000 Baht

Faculty of Humanities
Faculty of Law
Faculty of Business Administration
Faculty of Engineering

International Programs

35,000-40,000 Baht

Faculty of Humanities, Faculty of Social Sciences, Faculty of Science, College of Arts, Media and Technology, Faculty of Agro-Industry, Faculty of Economics

50,000-65,000 Baht

Faculty of Business Administration, Faculty of Engineering, Faculty of Architecture, Faculty of Nursing, International College of Digital Innovation

Tuition Fee, Graduate Level

Program Level	Program Type	Tuition Fee Range (Baht)	Notes
Graduate Diploma (Full)	● Faculty of Dentistry:	50,000-120,000	
	● Regular Program:	72,000-200,000	
	● Special Program:	100,000-220,000	
Master's Degree (Full)	● International Program:	100,000-550,000	
	● Faculty of Medicine:	8,100-16,200	(Course Fee Exemption)
	● Faculty of Dentistry:	50,000-200,000	
Higher Graduate Diploma Program	● Regular Program:	120,000-750,000	
	● Special Program:	200,000-720,000	
	● International Program:	165,000-1,000,000	
Doctoral Degree (Full)			

● Educational Support



Student Services

Consultation, job-hunting service and accident insurance provided to all students



Dormitories

35 Buildings: 5,508 rooms for 12,305 students, 9 network dormitories



Transportation Service

Electric shuttle buses in Suan Dok, Mae Hia, and Main Campus



Canteen

Food service under the CMU Food Safety Project



Library Service

Innovative application for a digital library, Co-Working Space



Part-time Jobs

Part-time job service



Wireless Internet

Over 7,000 spots



Exercise Facilities

Gymnasium, sports stadium, swimming pool, CMU Fitness Center



Health Service

Health Service Center
Maharaj Nakorn Chiang Mai Hospital



Student Assistance

Student Assistance Center
“SDD One Stop Service”



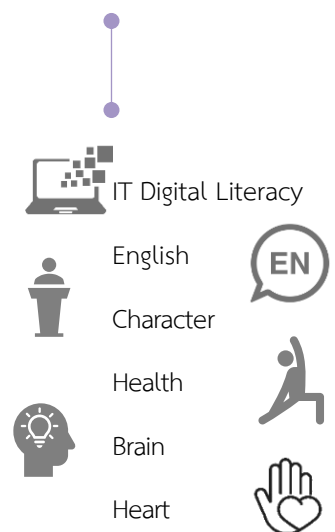
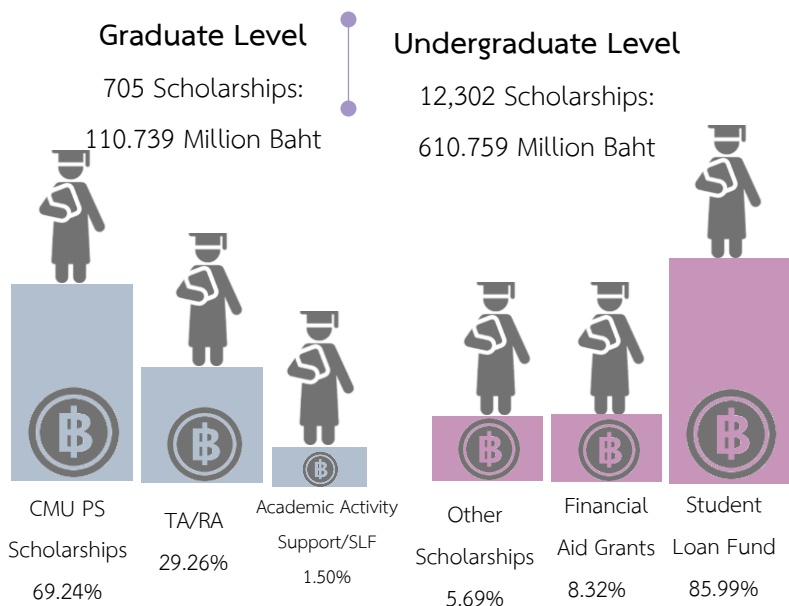
Scholarships 2022

13,007 Scholarships:
721,497,852 Million Baht



Extra-curricular Activities

A total of 58 clubs



● CMU Startup and Entrepreneurial Platform for Students

Builds: CMU Startup & Entrepreneurial Platform is launched to drive the university toward an entrepreneurial university through the integrated promotion of start-ups and entrepreneurship to students which is the first initiative in Thailand. It is an essential mechanism that will enable all the students to establish and operate their startup businesses along with regular studies in a smooth way. In addition, Chiang Mai University collaborates with the Stock Exchange of Thailand (SET) to provide knowledge through the online Live Platform with aims of promoting over 4,200 students for business creation during their studies. The program will be operated through five components below.

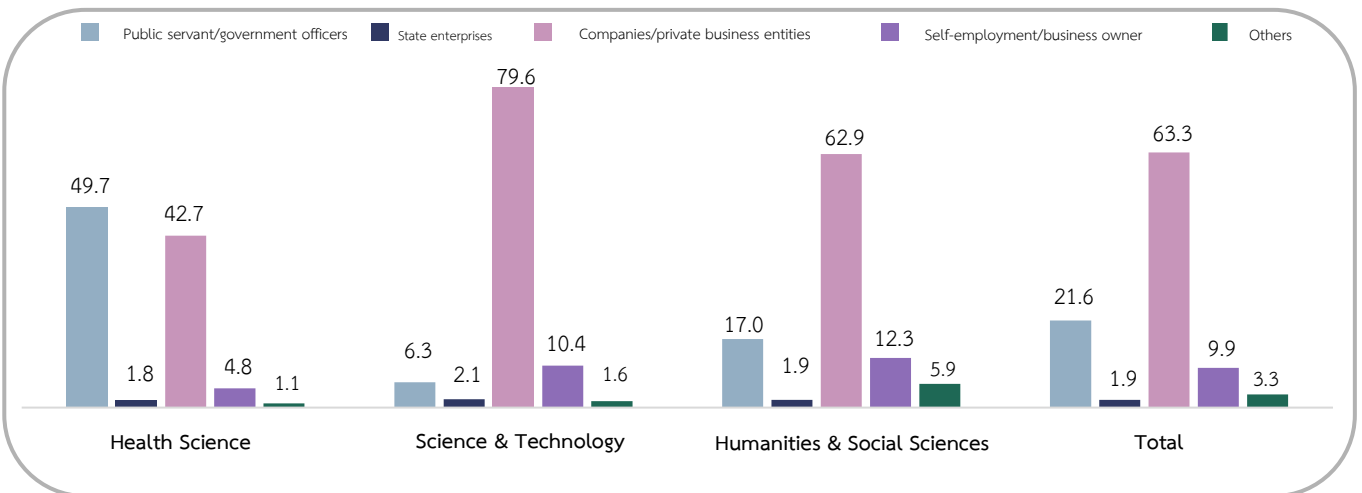
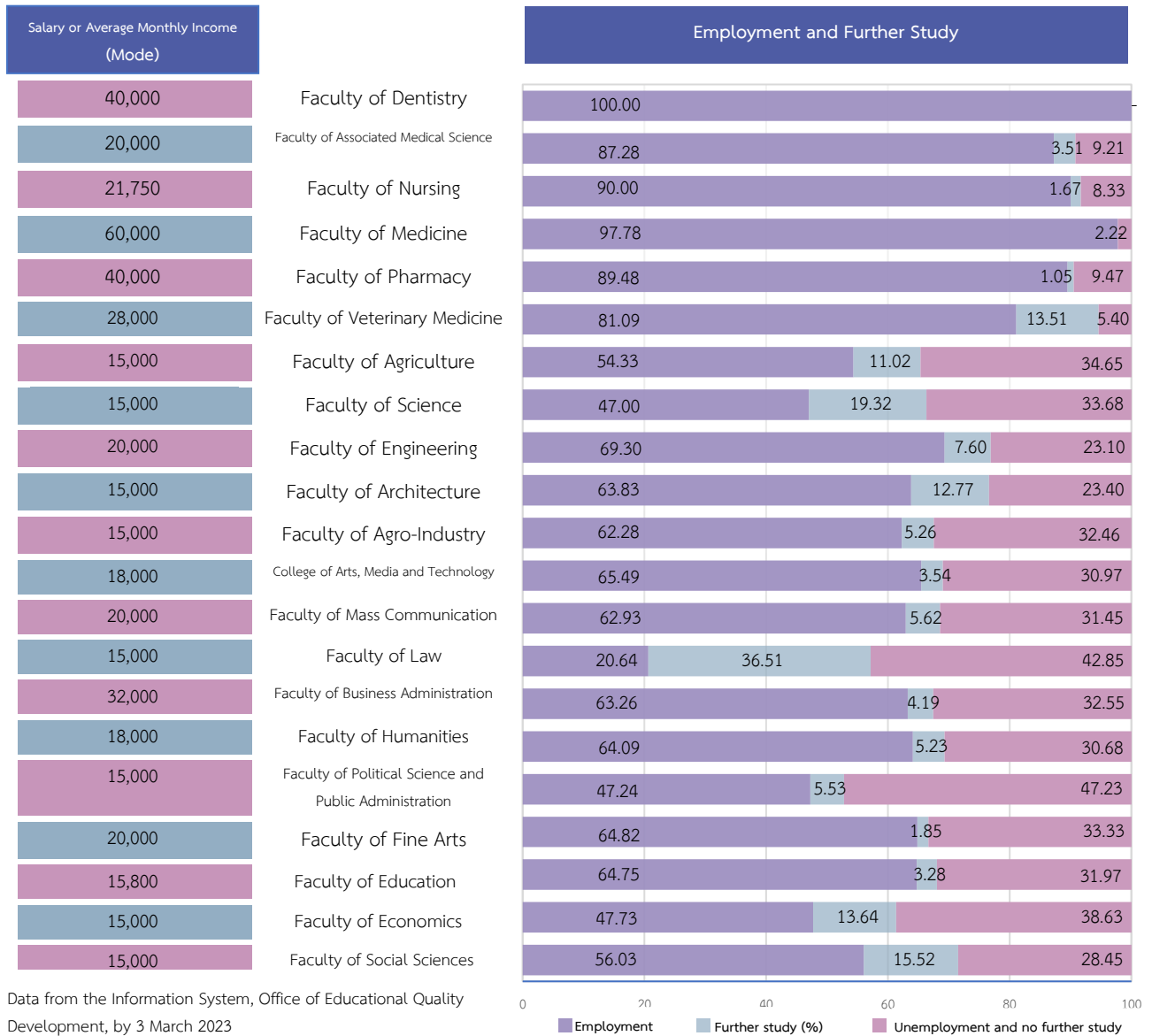


All four main reasons for promoting learning and entrepreneurship of students at university are as follows:

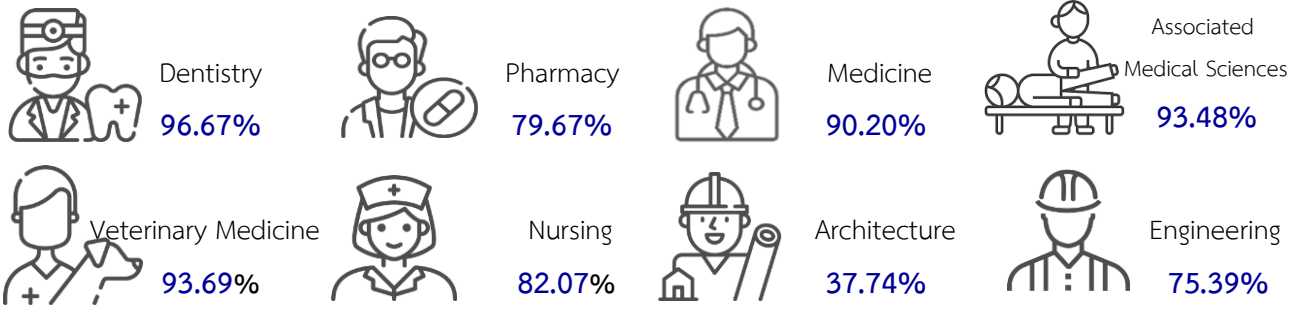
<p>1</p> <p>Build necessary entrepreneurial skills for the future.</p> <p>Students will have in-depth knowledge and skills of entrepreneurship that will be applicable to the development of their own businesses.</p>	<p>2</p> <p>Increase the opportunity for Tech Spin-off business development.</p> <p>Students can apply knowledge, technology, and research developed within the university for creating a startup business that has the potential to grow and create high value.</p>	<p>3</p> <p>Increase highly-skilled employment in the local areas.</p> <p>Apart from enhancing potential and skills, it creates job opportunities in the local areas, with no need to go to the capital for employment.</p>	<p>4</p> <p>Serve as the mechanism to solve the intergenerational poverty.</p> <p>It is one of the tools to help accelerate the solution to intergenerational poverty by creating new businesses, more employment, and incomes while reducing the inequality of self-development opportunities for improved quality of life.</p>
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● Graduation and Employment

Percentage of Employment and Further Study, Income of Bachelor's Graduates (1 Year after Graduation)



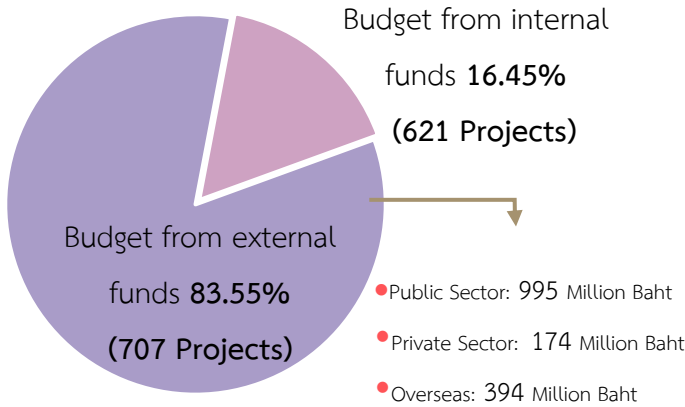
● Results of Students' License Examination (First Time) in 2023



Research Budget: Fiscal Year 2023, Amount **1,870** Million Baht

Note: Financial amount by year of contract execution

Researching based on University Strategies

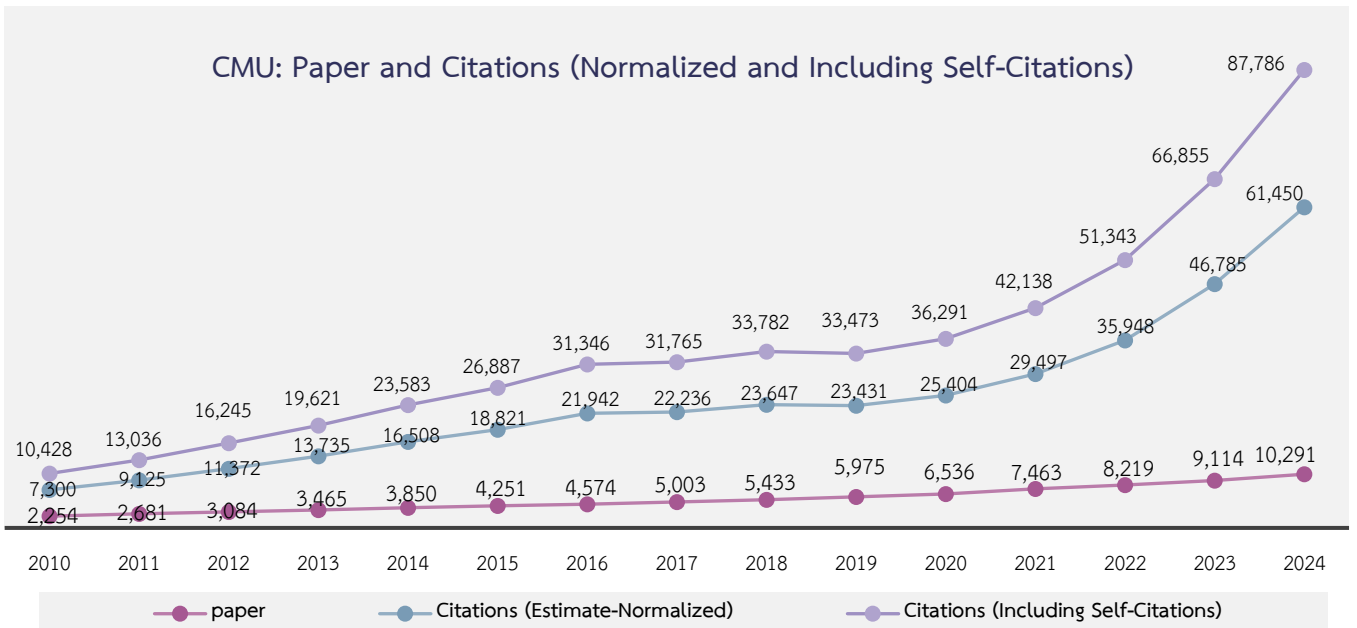


Policy/Research Fund

Chiang Mai University bases its direction of research development on research excellence and innovation creation that practically moves forward the government's policies and integrates research and study into the graduate programs. Meanwhile, it still conducts research studies to serve the society and drive the local areas through knowledge created by the university.

Number of Publications and Cited References

Source: The Scopus Database, Paper 5 years, Citation 6 years



Implementation of Biopolis Platform

The economic development guideline is centered on utilization of bioresources in parallel with the strategies for sustainable development in terms of innovative bio-based economy through technological advancements in various fields to enhance efficiency and create the innovations for environmental development based on the research and energy innovations under the implementations of these agencies.

Implementations based on University Strategies



- Already implemented
- Being implemented
- Future plans



1. Northern Science Park
2. Energy Research and Development Institute-Nakomping
3. Integrated Biomass Management Center
4. Food Fabrication . Innovation Pilot
“Beginnings of a Dream” for Startup and SMEs
5. Doi Kham Animal Health Center
6. Food and Packaging Innovation Center
7. Lanna Rice Research Center
8. Faculty of Agriculture
9. Faculty of Agro-Industry
10. Faculty of Veterinary Medicine
11. CMU Biopolis
12. Facility for Medical Cannabis Research
13. Herb Center
14. BSF Greenhouse Prototype
15. iExtract
16. Smart Greenhouse

Research and Innovations for Bio-based Economy

“Smart TTI”: Smart Labels for Time-Temperature Displays Regarding Quality of Fresh Agricultural Products and Risk Reduction of Spoilage during Transportation



Reducing and Delaying Peel Spotting in Sucrier Banana



Microbubble Ozone Washing System, New Alternative for Food Safety



Enhancement of Phytochemicals and Antioxidants in Rice Bran by Microwave



Development of Water Treatment Prototype from Communities and Mining at Laboratory Level to Future Application



FoodPrompt Platform: Innovative Food Therapy for Overcoming Poor Appetite through AI



A Model Classroom Against Heat and Air Pollution for Quality Learning Space



Ripening Delay and Shelf-Life Extension of Fruits



The First Thai Universities with Gold-Level Award for at Least 2.5% of CO2 Emission Reduction Less than the Previous Year



Invention Patent for Production of Carboxymethyl Flour from Purple Rice



Implementation of Medicopolis Platform

Chiang Mai University has continuously pushed forward the research and development for medicine, health, and elderly care in the form of Medicopolis Platform. It is regarded as a key component for driving the leading role for digital health of Thailand in accordance with the plans for upgrading Chiang Mai University to the intelligence university to position the Chiang Mai Provincial Development Plans as a medical and health hub. Chiang Mai University is therefore a center for Medical & Health Innovation District in Suan Dok Area, Chiang Mai Province. Accordingly, driving the Medicopolis Platform is to build up the economy and society based on medical innovations as well as national and regional health, while improving the quality of life for people and sustainable development. The operations are undertaken through the following agencies.



Research and Innovations for Food, Health, and Elderly Care

Fruit Jelly and Red Gravy Fish Maw Jelly, Food Jelly for Elderly Adults



Anti-Wrinkle and Anti-Aging Thai Holy Basil Serum



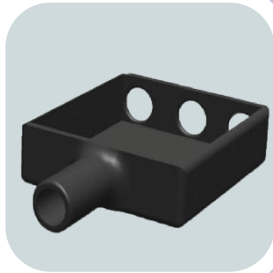
Thai Diagnostic Autism Scale



Trans Catheter Aortic Valve Implantation (TAVI)



Automated Detection of Diabetes from Exhaled Human Breath



Facial Cream of "ISOFLAVONE ULTRACEUTICALS" for Golden-Age Women



'Baby Yummy' Supplementary Food for Infants



Development of CMU Smart Weight Balance Device



Wheel-B: Platform for Logistics Management and Patient Transfer



Development and Improvement of Convolutional Neural Network (CNN) Using 3D Deep Learning Model for Diagnosing Patients with Traumatic Brain Injury



Lipid-Lowering Coffogenic Drink



"CMU-DonePorDee" Nasal Stent for Child Patients during Post-operative Recovery for Cleft Lip and Palate



Implementation of Creative Lanna Platform

The University has set out the strategies that put an emphasis on the center for creative innovation to make commercial benefits by creating values from goods, services or tourism in Lanna communities, developing and gathering the ready-to-use knowledge for commercial purposes and community growth through support and potential development for entrepreneurs under the following operations.

Center of Lanna Folk Wisdom and Knowledge



The Lanna Traditional House Museum, The Center for the Promotion of Arts and Culture, Chiang Mai University



Lanna Architecture Center, Khum Chao Burirat (Maha In Na Chiang Mai)



Northern Thai Information Center, CMU Library, Chiang Mai University



Online Platform



Adding Value to Lanna Folk Wisdom



Lanna Architecture Center, A Center for City and Community's Architecture Conservation and Continuation of Lanna Architecture



Rice Culture and Innovations for Added Values from Rice



Wat Sri Nawarat (Thung Siao): Community Arts



Ban Muang Kung Pottery: Local Handicrafts to Creative Handmade Products



The Story of Woven Fabric Patterns, Reflecting the Community Identity of Ban Nong Pla Sawai, Ban Hong District, Lamphun Province



Product Development for Hand Woven Cotton by Villagers in Hod District, Chiang Mai, Enhanced by Lanna Floral Fragrance through the Microencapsulation Technology



Collaboration with Social Sector/ Communities/ Tourism Authority of Thailand/ CEA



“Mi Gob Sai Toon (Frog Chili Paste with Green Taro)”,
Local Food of Tai Lue People in Northern Thailand for
Potential Development of Creative Community-based
Tourism, Doi Saket District, Chiang Mai



Creating jobs

Developing manpower



Lanna Essence Workshops



Creative Lanna League



Wonderful Secondary City of
Lanna Gastronomy Tourism



Art and Design Contest Lanna
Contemporary 2021



Gastronomy Tourism (Lanna High Tea),
The Lanna Traditional House Museum,
The Center for the Promotion of Arts and Culture,
Chiang Mai University



Hug Ton Rak, Rak Ton Hug
Creative Craft Material



The 14th Thailand Tourism Awards 2023 from the Tourism Authority of Thailand
The Lanna Traditional House Museum won two outstanding awards below.

1. Outstanding Award: Attraction for Learning and Doing
2. Thailand Tourism Certificate: Low Carbon and Sustainability



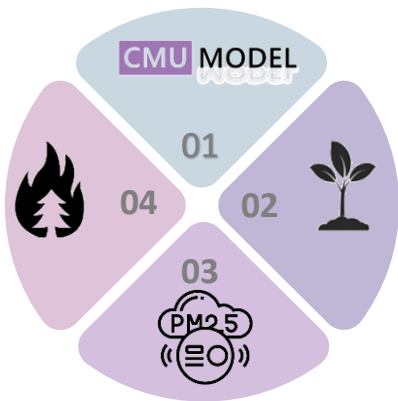
Lanna Architecture Center, Khum Chao Burirat (Maha In Na Chiang Mai)
Outstanding Award: Attraction for Historical Tourism and Culture



Chiang Mai University has continuously implemented various forms of activities, research studies, and innovations to end the haze pollution and PM 2.5. These include the following actions:

Roles of Chiang Mai University for Addressing Haze Pollution and PM 2.5

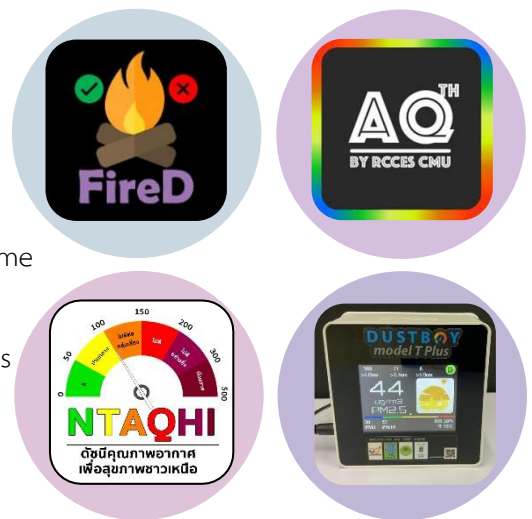
Project Implementation against Haze Pollution and PM2.5



1. The CMU Model for PM2.5 Reduction: The Pilot Project in Ping Khong Subdistrict, Chiang Dao District, Chiang Mai Province 
2. The Youth Against Haze Pollution Project e.g. Communications Against Haze, Media Creation Against Haze, DIY Dust Detector and Air Purifier, Northern Tour, and @Lamphun 
3. The AQSEA Project of Potential Enhancement for Air Quality Detection in Southeast Asia 
4. The Safe ASA Project for Wildfire Volunteers 

Innovations for Addressing Haze Pollution

1. Fire Management Decision Support System or FireD
2. “Thai Air Quality” Forecast System
3. NTAQHI (Northern Thailand Air Quality Health Index)
4. DUSTBOY Sensor for Fine Particles in the Air and Report of Real-time Haze Situation
5. Thermal Imaging UAV for Prevention and Control of Local Wildfires and Air Quality Monitoring through the Satellite Data



Course

- Smoke Haze Management Course for Northern Thailand 



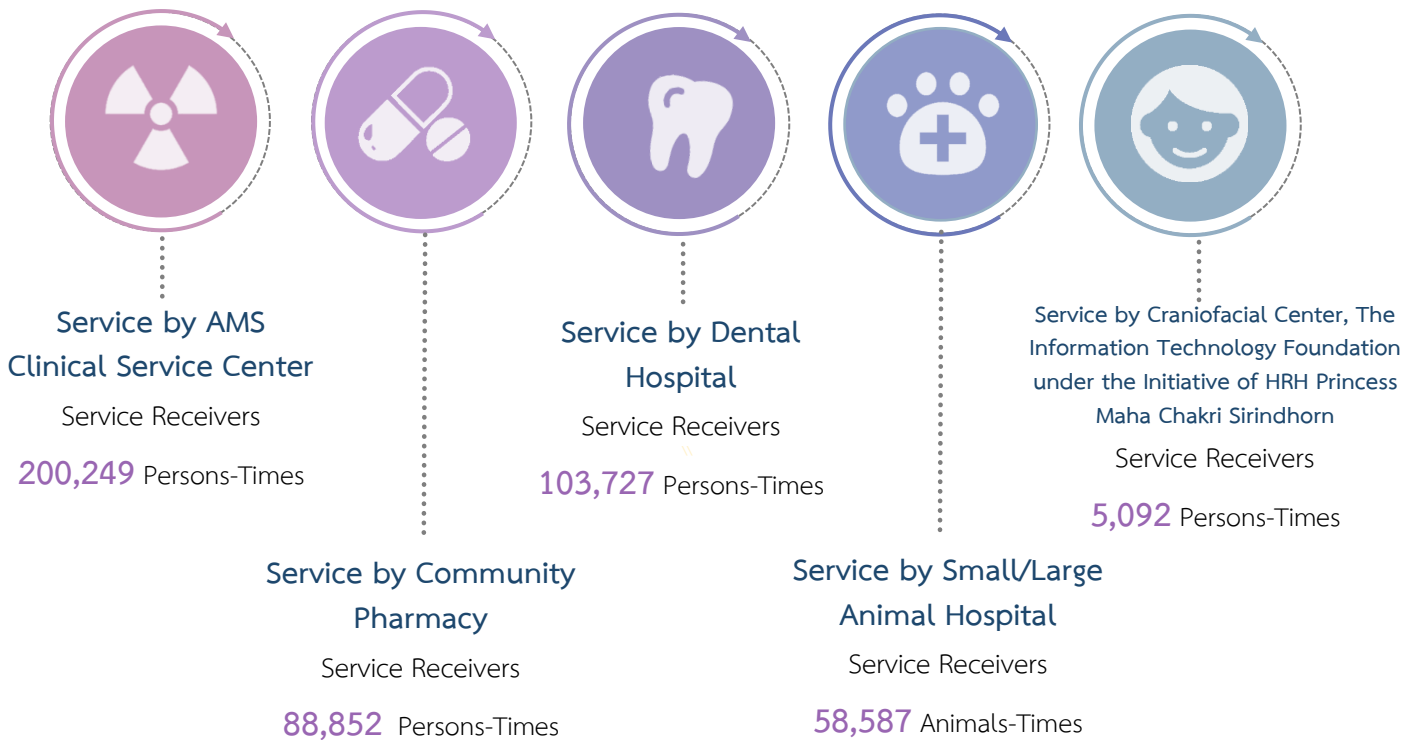
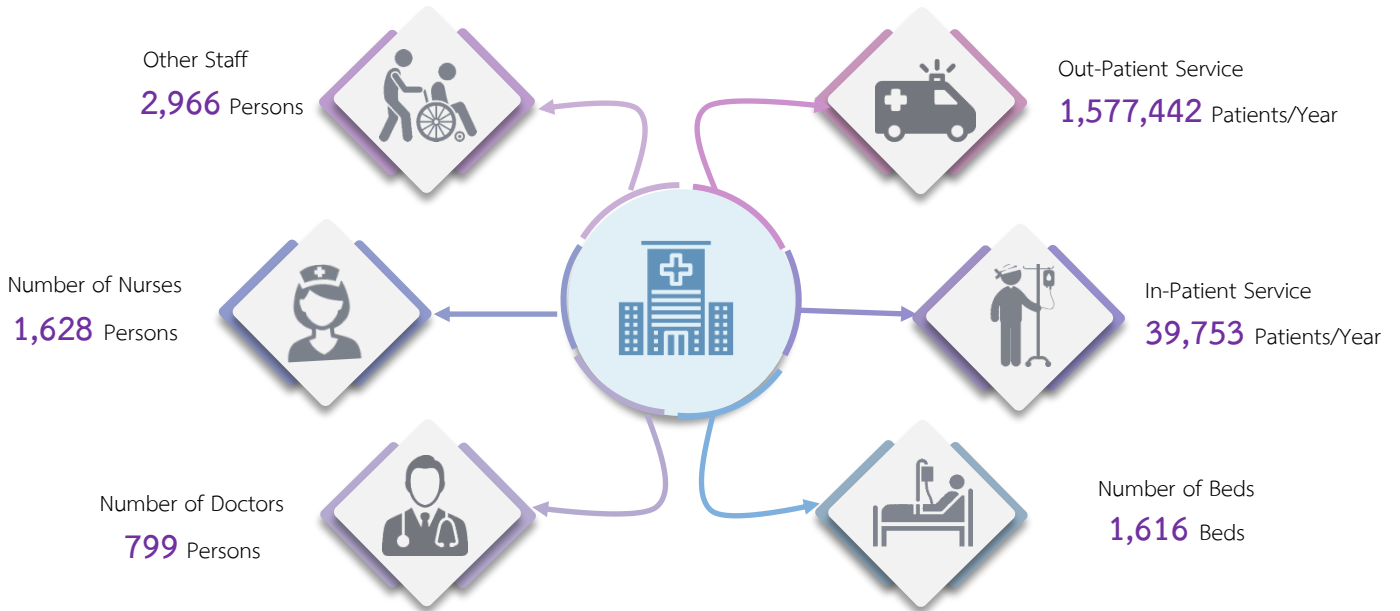
Academic Service

Chiang Mai University has carried out a variety of academic services in response to the needs of the society and communities along with knowledge transfer projects/activities and professional services for social benefits through its academic strengths and potential. These include projects of renewable and alternative energy, academic services for solving the crises in the northern communities, and operations in accordance with the royal initiative projects. The following projects are therefore undertaken by the University.

Social Services/Social Roles

- | | | |
|---|---|--|
|  | SDGs3 Plant Genetic Conservation Project under the Royal Initiative of HRH Princess Maha Chakri Sirindhorn |  |
|  | SDGs2 Craniofacial Center, The Information Technology Foundation under the Initiatives of Her Royal Highness Princess Maha Chakri Sirindhorn, Faculty of Medicine, Chiang Mai University |  |
|  | SDGs9 Agriculture and Bio Plasma Technology Center (ABPlas) |  |
|  | SDGs9 CMU RailCFC, Thai Railway Development toward World-class Railway Track |  |
|  | SDGs3 Breast Cancer Screening Volunteer Project for Women of Reproductive Age at Chiang Mai Women’s Correctional Institution |  |
|  | SDGs7 City Gas Grid, Tao Ngoi Model, Sustainable Development and Environment for Communities |  |
|  | SDGs3 “Senior Wellness Center”
Creative Space for the Aged Society with Potential |  |
|  | SDGs3 Health Promotion for Karen Communities in Omkoi District, Chiang Mai |  |
|  | SDGs13 “Go Green Together”
Building Check Dams for Forest Moisture |  |
|  | SDGs11 Law for Community  |  |
|  | SDGs3 Rehabilitation Center for Dependent  |  |
| | | SDGs3 Chang Puak Model  |
| | | SDGs5 Magic Dolls’ Safe Space  |

Medical Care, Maharaj Nakorn Chiang Mai Hospital, Sriphat Medical Center, and the Center for Medical Excellence, Chiang Mai University



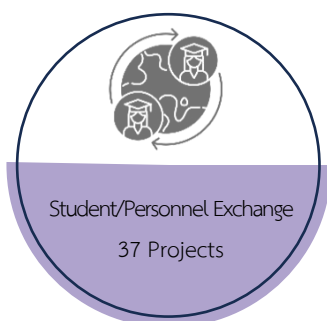
International Cooperation

International Cooperation between Chiang Mai University and Overseas Universities/Institutes



Asia	16 Countries	Cambodia/ China/ Hong Kong/ India/ Indonesia/ Japan/ Korea/ Laos / Malaysia/ Mongolia/ Myanmar/ Nepal / Philippines/ Singapore/ Taiwan/ Vietnam
Australia	1 Country	Australia
Europe	18 Countries	Austria/ Belgium/ Czech Republic/ England/ France/ Germany/ Italy/ Netherlands/ Poland/ Romania/ Russia/ Denmark/ Finland/ Spain/ Sweden/ Switzerland/ Hungary/ Portugal
America	3 Countries	America/ Canada/ Peru

Types of Cooperation in 2023



QS WORLD UNIVERSITY RANKINGS
2023 # 601-650

QS UNIVERSITY RANKINGS ASIA
2023 # 99

University/Institute Rankings

QS WORLD UNIVERSITY RANKINGS
2023 *by subject*

4 of Thailand

3 of Thailand

2 of Thailand

401-500 Environmental Sciences
451-500 Business & Management Studies

251-300 Medicine
251-300 Pharmacy & Pharmacology
401-450 Biological Sciences
401-450 Chemistry
601-650 Computer Science & info Systems

151-180 Nursing
151-200 Agriculture & Forestry
451-500 Mathematics

3 of Thailand

From Best Global Universities Ranking 2022-2033 by U.S. News & World Report



World Rank Top 300
#134 Dentistry
#222 Veterinary

Subject Area Rankings 2023
Chiang Mai University (Thailand)
1 Chemistry and Psychology

From the ranking by
SCIMAGO INSTITUTIONS RANKINGS



Country Ranking #1
SDG 13 CLIMATE ACTION

World Ranking #74
from 1,591 universities

Country Ranking #3
(Overall Ranking)

#14 of the World
SDG 17 PARTNERSHIPS FOR THE GOALS

#33 of the World
SDG 13 CLIMATE ACTION

#45 of the World
SDG 5 GENDER EQUALITY

#59 of the World
SDG 15 LIFE ON LAND

#64 of the World
SDG 7 AFFORDABLE AND CLEAN ENERGY

#64 of the World
SDG 1 NO POVERTY

#66 of the World
SDG 3 GOOD HEALTH AND WELL-BEING

#66 of the World
SDG 2 ZERO HUNGER

#68 of the World
SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

#70 of the World
SDG 4 QUALITY EDUCATION

Good Governance of the University

Transparency

- Conducting internal and external assessment as well as dissemination of information.
- Encouraging the public and stakeholders to make comments and monitor performance.
- Setting up the policy of morality and transparency for the performance.

Engagement

- Engaging the engagement of service receivers and stakeholders.

Morality

- Promoting concrete performance for prevention and anti-corruption.
- Developing organizational culture toward the university of morality.
- Establishing the working group on anti-corruption.



Worthiness

- Adopting the criteria of the Budget Bureau.
- Adopting the criteria of the Comptroller General's Department.

Legitimacy

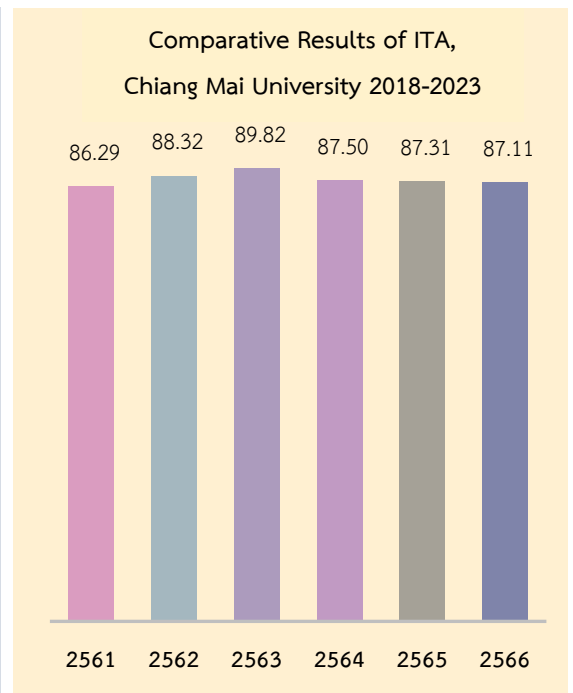
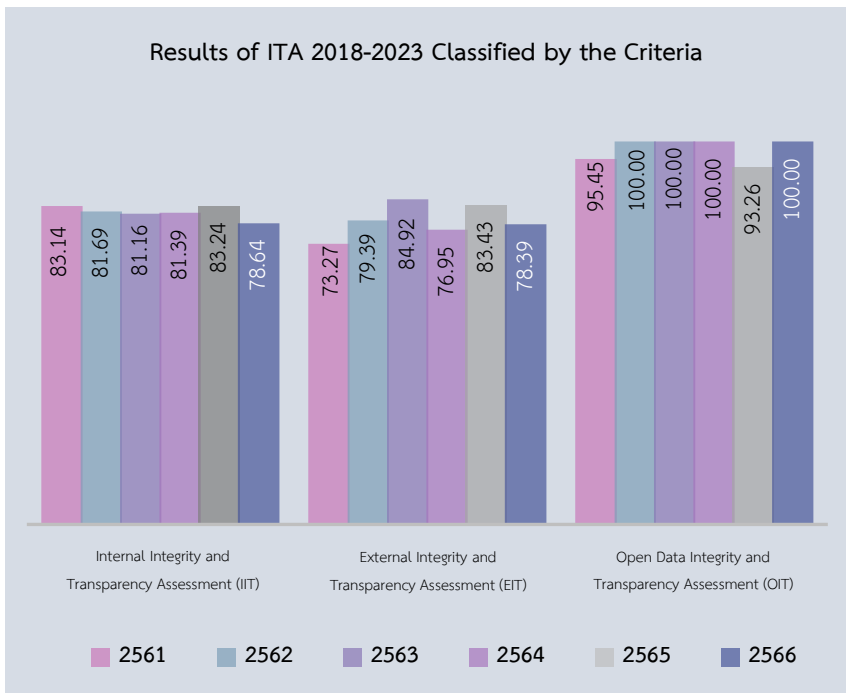
- Personnel Administration Committee
- Appeal and Complaint Committee
- Risk Management Committee
- Audit Committee
- Good Governance and Ethics Committee
- Integrity and Transparency Assessment Committee for Public Administration

Accountability

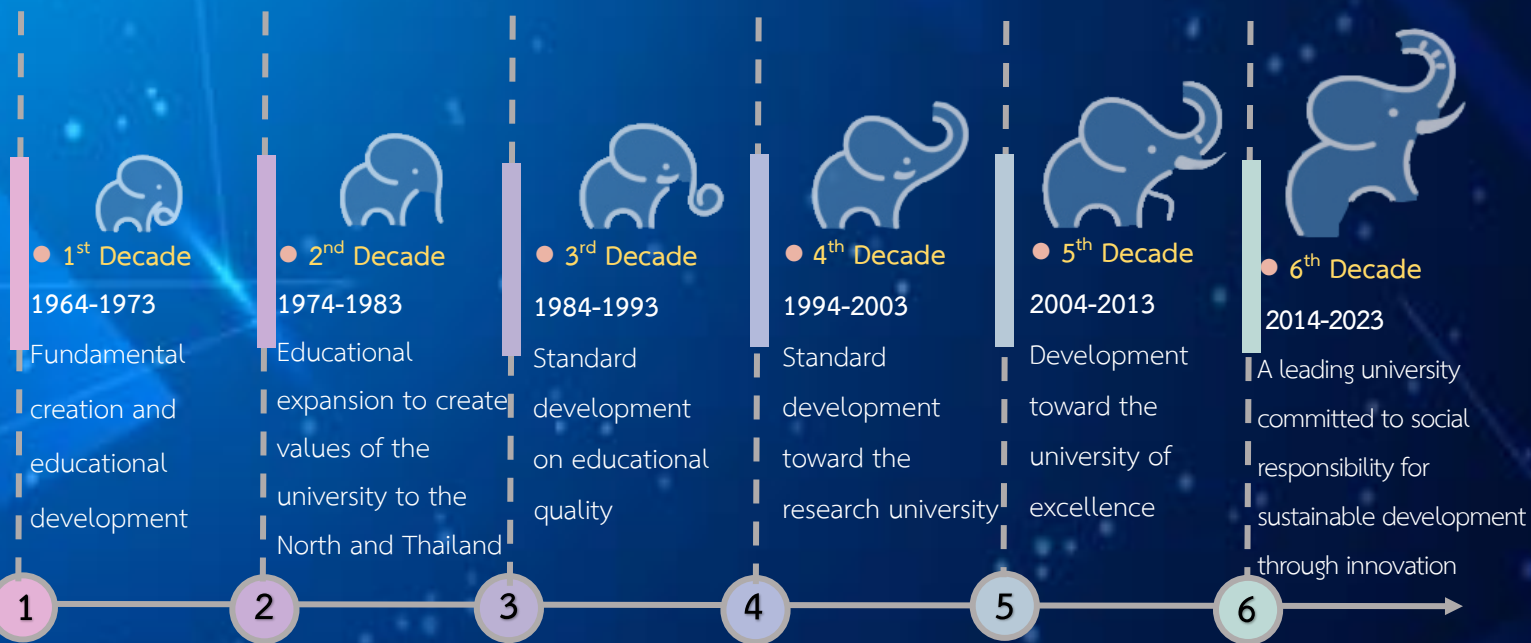
- Executives and personnel of all levels are accountable for the performance.
- Establish measures against personnel with a lack of responsibility.



Integrity and Transparency Assessment (ITA) of the Government Agency



6 DECADES OF CONTINUOUS DEVELOPMENT



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<http://planning.oop.cmu.ac.th/>

The University's Channels for Contacts, Information, and News



www.cmu.ac.th



[cmuofficial.ig](https://www.instagram.com/cmuofficial)



[cmuchannel.cmu.ac.th](https://www.youtube.com/channel/UCmu)



[cmuofficial](https://www.facebook.com/cmuofficial)



[prcmu239](https://www.youtube.com/channel/UCprcmu239)



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