



Facts & Figures 2011 - 2012



MAHIDOL UNIVERSITY

Wisdom of the Land

M.2

MAHIDOL UNIVERSITY

History and Philosophy



Mahidol University originates from Thailand's first hospital, Siriraj Hospital, founded in 1888. The hospital's medical school is the oldest institution of higher learning in Thailand, granting its first medical degree in 1893. After becoming the University of Medical Sciences in 1942, the University was later renamed with great honor in 1969 by H.M. King Bhumibol Adulyadej after his own father, H.R.H. Prince Mahidol of Songkla, who is widely regarded as the *"Father of Modern Medicine and Public Health in Thailand"*. Mahidol University has since developed into one of Thailand's leading universities, internationally renowned for its high caliber of teaching and research.

Following H.R.H. Prince Mahidol's philosophy: *"True success is not in the learning but in its application to the benefit of mankind"*, as its universal view of higher education, Mahidol University continues to diversify, embrace internationalization and produce socially aware and globally minded graduates.



M : Mastery
A : Altruism
H : Harmony
I : Integrity
D : Determination
O : Originality
L : Leadership

Notable Facts & Achievements

- Ranked as the Top University in Thailand by the Times Higher Education and the QS Asian University Rankings
- The only university in Thailand to appear amongst the top 500 Universities of the Performance Ranking of Scientific Papers for World Universities, conducted by the Higher Education Evaluation and Accreditation Council of Taiwan
- The largest budget and the highest number of full professors of any higher education institution in Thailand
- One of the few universities in the world with 2 faculties of Medicine
- The highest rating in research according to the Thailand Research Fund
- Numerous research and international awards including the most Magsaysay laureates of any university in Thailand
- Home to seven World Health Organization Collaborating Centres
- Thailand's leading promoter of 'internationalization' in higher education
- Offers 150 qualified international degree programs



	QS Asian University Rankings 2011 : Mahidol # 34
	QS World University Rankings 2010 : Mahidol # 228
	THE World University Rankings 2010 : Mahidol # 306
	HEEACT-Taiwan 2010: Mahidol only Thai University; 89 Asia-Pacific; 500 World



Commitment to Internationalization



As part of Mahidol University's determination to become a world class university, several activities promoting internationalization of education are encouraged and supported. Examples of these are outlined below.

- Actively collaborates with over 200 overseas academic institutions and international agencies in research, curriculum development, and staff and student exchanges
- Hosts 7 WHO Collaborating Centers; SEAMEO TROPMED Network; HIV/AIDS Regional Coordination Center; Cooperative Research Station in Southeast Asia; Mahidol University and Osaka University Collaborative Research Center (MU-Osaka Center for Infectious Diseases (MOCID)); Mahidol-Oxford Tropical Medical Research Unit; Chiba - Mahidol Universities Exchange Center; Kyushu University Branch Office
- Offers 150 international degree and diploma programs, excluding short training courses
- Home to over 600 international students from 50 countries
- Hosts regular international academic conferences in many disciplines
- Published over 2,200 research papers in international peer-reviewed academic journals in 2010



Research Highlights

Mahidol University has been at the forefront of scientific and medical research in Thailand. With the dedication to excellence and determination to become a world class university, the Ministry of Education in 2009 recognized Mahidol University as one of Thailand's nine National Research Universities and also the lead university for 3 of the 9 National Centers of Excellence (Mathematics, Chemistry, Environmental Health, Toxicology and Management of Chemicals).



Highlights of Mahidol University's commitment to excellence in research include:

- Extensive research in infectious diseases and vaccine development has meant that for 25 years, Mahidol University has been an important clinical trial center, examining the effectiveness of vaccines for cholera, rotavirus, poliomyelitis, malaria, varicella, human papilloma virus, and human immunodeficiency virus (HIV).
- An adoption of a multidisciplinary approach to research has led to advances and innovation in the fields of biotechnology, nanotechnology, medical technology and music therapy, and the production of pioneering materials and agricultural technologies.
 - Mahidol University was the first to raise awareness of the problem of drug resistance in malaria, and developed the use of the artesunate-mefloquine drug combination as the first-line treatment for uncomplicated falciparum malaria.
 - Research in shrimp biotechnology has led to the development of test kits for viral diseases and improved the reproductive performance of this valuable commercial species.
 - Pioneering research in the mechanisms of alpha and beta thalassemia has improved prenatal diagnosis and treatment of this inherited blood disease.
 - Research into human nutrition, particularly around maternal and child health, has developed amino rice milk for infants who are allergic to every other kind of milk.
 - Studies into the breeding biology, ecology and conservation of Asian hornbills, thai elephants and gibbons have shown the importance of mobilizing local communities, in preserving endangered species and ecosystems.



Locations



Located in the cosmopolitan capital city of Bangkok, Mahidol University is able to draw on an incredibly rich educational, historical, cultural and social environment to enhance its comprehensive academic resources and diverse research activities. Mahidol University has several campuses: one suburban campus and two inner city campuses in the Bangkok metropolitan area, along with a downtown high-rise building for the College of Management, and provincial campuses in Kanchanaburi, Nakhon Sawan and Amnat Charoen provinces.

Bangkok Noi Campus

This compact 28 acres (11 hectares) campus situated on the west bank of the Chao Phraya River is the original location of the Siriraj Hospital Medical School, where Mahidol University was founded. Specializing in medicine, this campus houses the Faculties of Medical Technology, Medicine and Nursing. A major expansion to Siriraj Hospital has been the 'Siriraj towards Medical Excellence in Southeast Asia' project, home to several new facilities, including Centers of Excellence in Biomedical Research and Medical Care.



Phayathai Campus

Home to the Faculties of Medicine, Dentistry, Pharmacy, Public Health, Tropical Medicine, and Science, Mahidol University's traditional strengths in medicine and the sciences continues in this 78 acres (32 hectares) urban campus spread over three inter-linked compounds. Located in the heart of Bangkok, the Phayathai campus also incorporates Ramathibodi Hospital, the Hospital for Tropical Diseases, and the National Doping Control Center.



Salaya Campus

This suburban main campus is situated on 520 acres (210 hectares) of landscaped gardens in lush tropical surroundings. The relaxed semi-rural setting, within easy reach of central Bangkok, makes it an ideal place to live and learn with nature, without losing out on many amenities available in the city.



Provincial Campuses in Kanchanaburi, Nakhon Sawan and Amnaj Charoen

The Kanchanaburi Campus of 2,370 acres (959 hectares) in western Thailand was opened in mid-2002 with the main objective of expanding higher education in the upcountry region, in order to increase local incomes, create occupational opportunities and improve the quality of life of rural people.

In addition, Mahidol University continues to develop a campus of 684 acres (277 hectares) in Nakorn Sawan province in the north of Thailand, and a campus of 169 acres (68 hectares) in Amnaj Chareon province in the northeast region.

Academic Infrastructure

- **17 Faculties, 6 Colleges, and 7 Institutes**
- **2 Faculties of Medicine, and 4 university hospitals,** which produce 350 medical doctors annually and serve as centers for specialist medical training and patient care, with approximately 4,000 beds serving over 4.4 million out-patients and 140,000 in-patients each year.
- **Dental Service Units** at the Faculty of Dentistry and the Golden Jubilee Medical Center at Salaya serving approximately 340,000 patients a year.
- **Mahidol University Library and Information Center** includes an automated library system with cyber-linked branches in different campuses; over 1,100,000 books, theses, research reports, and bound journals; 1,200 printed journals, 20,000 electronic journals and 25,000 electronic books; 21,000 audiovisual materials; hundreds of computer terminals and multimedia viewing equipment and state-of-the-art computer access to a wide range of domestic and international indexes and databases.
- **Mahidol University Computing Network (MUC-Net)** is a high speed Internet access of 3.95 Gbps (Gigabit per second) and has intranet access of 10 Gbps. It accommodates at least 500 local area networks; interconnects more than 350 servers and 10,000 terminals/PCs in all departments throughout the University; many advanced computer systems inter-networked harmoniously; performs multicast and broadcast of data transmission to be used within video conferences, distance learning, e-Learning, and IP-TV applications.
- **A fully-realized 'ICT Campus'** consists of Mahidol University's 'Digital Library'; the Mahidol University Library and Information Center Network (MULINET); the Mahidol University Intranet; MUC-Net; Intra-phone; IP-phone; wireless campus network; multi-media center and distance learning facilities; video conferencing facilities and a Management Information System (MUMIS) for administrative purposes.
- **Numerous dormitory rooms and condominium apartments.**



Student Numbers by Faculty

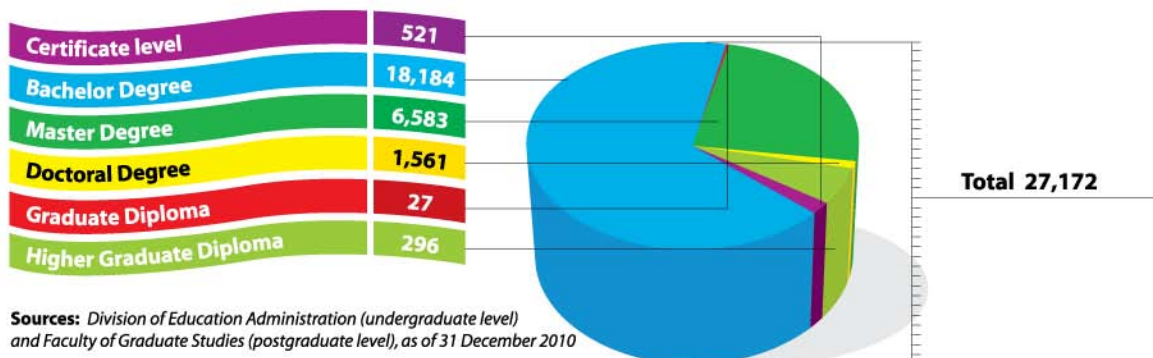
INSTITUTION	UNDERGRADUATE	POSTGRADUATE
BANGKOK NOI CAMPUS		
Faculty of Medicine Siriraj Hospital	1,923	687
Faculty of Medical Technology	608	66
Faculty of Nursing	1,134	354
PHAYATHAI CAMPUS		
Faculty of Dentistry	660	151
Faculty of Medicine Ramathibodi Hospital	1,861	320
Faculty of Pharmacy	589	238
Faculty of Public Health	1,152	999
Faculty of Science	1,013	1,039
Faculty of Tropical Medicine	---	169
SALAYA CAMPUS		
Faculty of Engineering	1,565	385
Faculty of Environment and Resource Studies	298	287
Faculty of Graduate Studies*	---	67
Faculty of Information and Communication Technology	802	75
Faculty of Liberal Arts	332	45
Faculty of Physical Therapy	447	82
Faculty of Social Sciences and Humanities	60	637
Faculty of Veterinary Science	262	---
ASEAN Institute for Health Development	---	51
Institute for Innovative Learning	---	45
Institute of Molecular Biosciences	---	154
Institute of Nutrition	---	87
Institute for Population and Social Research	---	69
National Institute for Child and Family Development	---	36
Research Institute for Languages and Cultures of Asia	---	175
College of Music	729	141
College of Religious Studies	257	20
College of Sports Science and Technology	531	55
Mahidol University International College	2,824	261
Ratchasuda College (for the Disabled)	131	16
Contemplative Education Center	---	25
Interdisciplinary	---	187
μ BUILDING, BANGKOK		
College of Management	266	1,544
MAHIDOL UNIVERSITY AT KANCHANABURI		
	740	---
TOTAL	18,184	8,467

* The Faculty of Graduate Studies also coordinates most of the postgraduate students affiliated with other faculties.

Remark: The above Student Number by Faculty excludes 521 certificate students.

Sources: Division of Education Administration (undergraduate level) and Faculty of Graduate Studies (postgraduate level), as of 31 December 2010

Composition of Students



Sources: Division of Education Administration (undergraduate level) and Faculty of Graduate Studies (postgraduate level), as of 31 December 2010

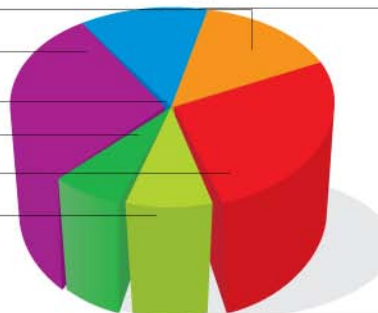
Number of Collaborative Partners

Country	Number	Country	Number	Country	Number
1. Australia	11	18. Ireland	1	35. Russia	2
2. Austria	5	19. Israel	1	36. Singapore	2
3. Bangladesh	1	20. Japan	38	37. Spain	2
4. Belgium	3	21. Korea (ROK)	13	38. Sweden	5
5. Cambodia	6	22. Laos	3	39. Switzerland	7
6. Canada	8	23. Malaysia	3	40. Sri Lanka	2
7. Czech	1	24. Mexico	1	41. Taiwan	6
8. China	10	25. Mongolia	1	42. UK	9
9. Denmark	3	26. Myanmar	1	43. USA	45
10. Ecuador	1	27. Nepal	1	44. Vietnam	9
11. Finland	1	28. Netherlands	4	Total	249
12. France	12	29. New Zealand	3	International Organizations	7
13. Germany	9	30. Norway	2	(WHO Collaborating Centers)	
14. Hong Kong (S.A.R)	4	31. Peru	1		
15. Iceland	1	32. Philippines	2		
16. Indonesia	6	33. Poland	1		
17. Iran	1	34. Portugal	1		

Source: Division of International Relations, as of May 2011

Academic Programs Offered

Bachelor Degree	80
Master Degree	162
Doctoral Degree	68
Diploma/Certificate	21
Certificate of Proficiency Program	156
Fellowship Program	54

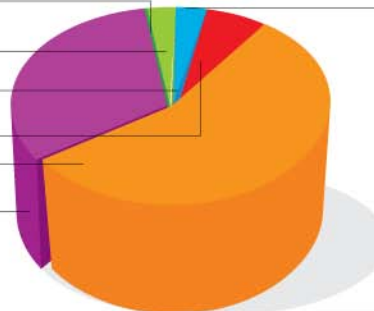


Total 541

Remark: 150 international degree programs
Source: Division of Education Administration, as of August 2011

Academic and Supporting Staff

Professors	168
Associate Professors	791
Assistant Professors	822
Lecturers	1,817
Research and Academic Supporting Staff	16,374
Employees	9,106



Total 29,078

Remark: The majority of employees work at 4 university hospitals
Source: Division of Human Resource, as of 28 February 2011

Budget

Revenue (million baht)

Government Funds	11,188.73
University Income	27,664.05

Total 38,852.78

Expenses

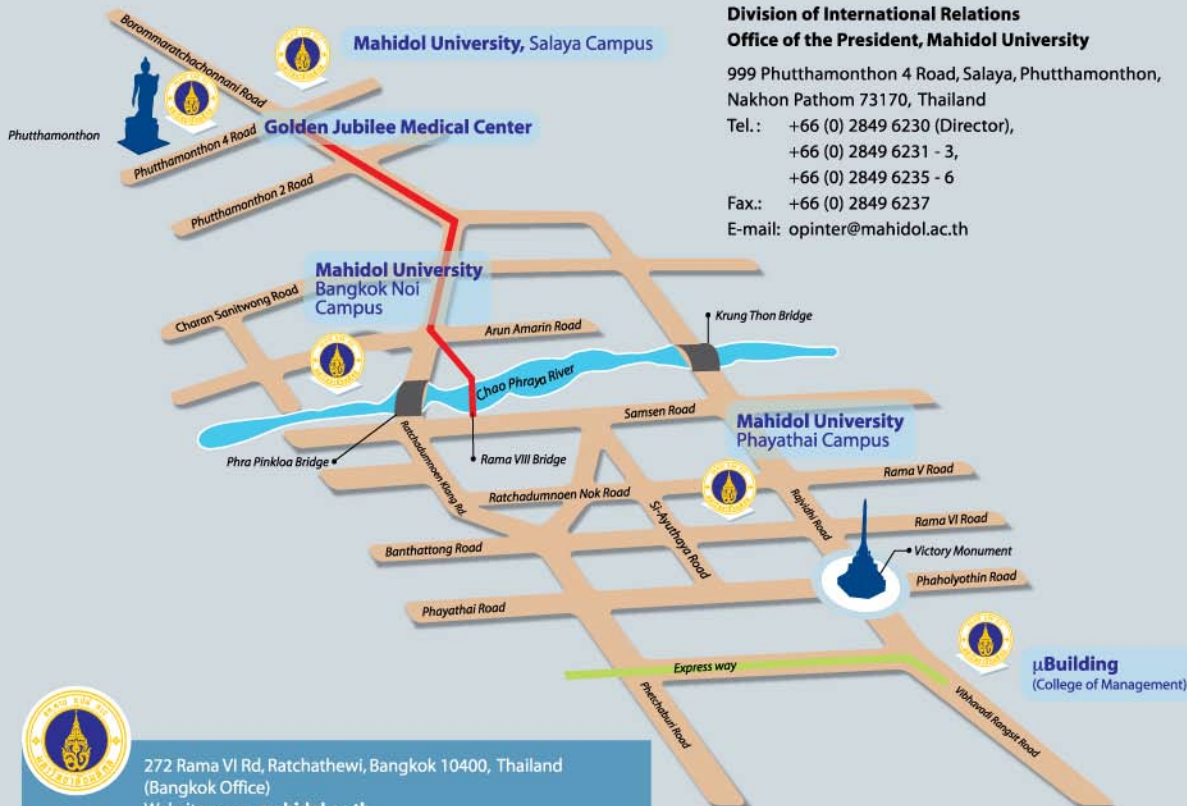
Education Administration	10,245.94
Public Health Services	20,451.00
Research & Innovation	1,069.16
Others	4.62

Total 31,770.72

Sources: Division of Finance, as of 30 September 2010

Contact and Visitor Information

To arrange a visit to Mahidol University or obtain further information, please contact:



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