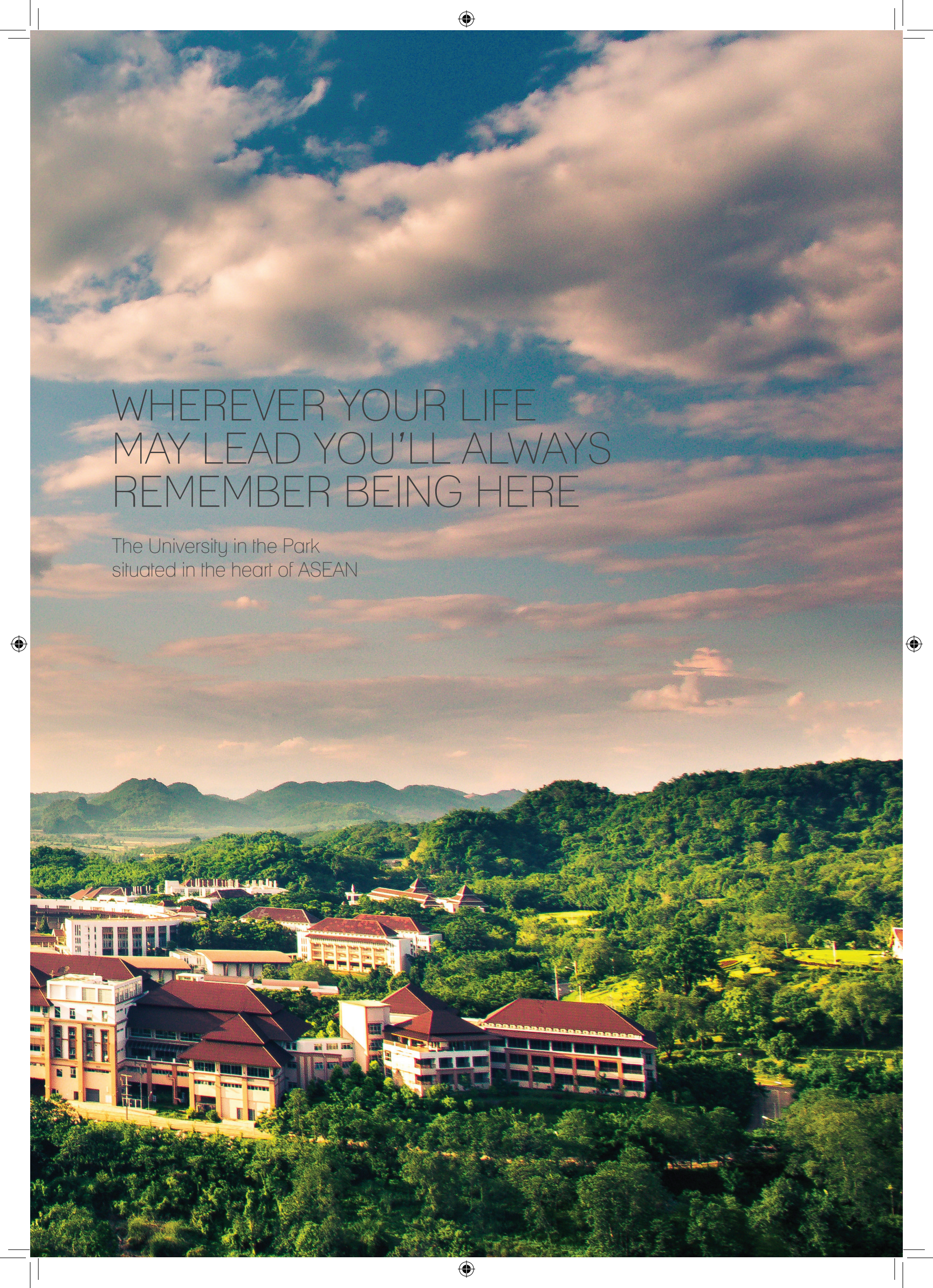


MAE FAH LUANG UNIVERSITY

INTERNATIONAL
PROSPECTUS







WHEREVER YOUR LIFE MAY LEAD YOU'LL ALWAYS REMEMBER BEING HERE

The University in the Park
situated in the heart of ASEAN



ໂຂໂຕຊີທີ່ມີ
ໄດ້ຮັບພຣະບາງປີປະກອບ ມະຫາວິທະຍາໄລ

YOUR JOURNEY TO A SUCCESSFUL LIFE AND CAREER STARTS FROM HERE

Mae Fah Luang University's stunning architectural design has won us fame as being the most beautiful campus in Thailand, inspiring the minds and ambitions of our students unlike anywhere else...
Let this be the backdrop to your success!



NEW
DIFFERENT
BETTER



“Welcome to Mae Fah Luang University”

Since its establishment, Mae Fah Luang University (MFU) set the goal of becoming one of the leading universities in the country and the region, following the aspiration of Her Royal Highness Princess Srinagarindra with the dedication to improve the quality of life of the population and conserve the environment. Since this, we have committed and steadily pursued the set goal, ensuring that MFU will be a leading higher education institution.

As a newly established university, MFU has managed to gain remarkable success, owing to the continuous government and international support, as well as the cooperation and collaboration of the general public and wider society. A strong administration and good cooperation together with qualified staff have also been the keys to success. Since its establishment, MFU has continuously developed and been ready to respond to the rapid changes amidst globalisation. Our preparations have included the assurance of the foreign language proficiency in graduates, modern and international standards of curriculum development, teaching and learning development as well as full support for research development. MFU is dedicated to its work with a clear objective, that is, to prepare our graduates to be ready to serve the world society under the “world university” concept, which refers to a highly effective and ethical global citizen leading a peaceful world. MFU has a high degree of confidence in its academic standards, with quality equivalent to other renowned international universities.

The university is determined to admit more international students from every region, building upon the respectively large amount of international students currently studying here. We are constantly striving to increase this number in order to create a greater international living and learning atmosphere. It is believed that such an environment will equip our graduates to have a broader vision, providing an opportunity to exchange views, experiences, and build better understanding among people from different cultures and different ways of life. Thus, graduates with these multicultural skills can be a global citizen and can work in any cross-cultural environment.

MFU has never given up. Our mission as a national and regional higher education institution is endless, and we will continue to be dedicated to our work to build a reputable world university and to serve the world not just Thailand.

It is my most sincere pleasure to welcome all new and interested students to MFU. I hope that your journey with us is successful and that you enjoy studying your degree on our spectacular campus.



Assoc Prof Dr Vanchai Sirichana
President

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The information contained within this prospectus is valid and correct as of January 2014 and is subject to change without notice.



ABOUT US

Since 1998, Mae Fah Luang University (MFU) has been established as a public autonomous university situated at the gateway to the Greater Mekong Subregion (GMS), in the heart of the ASEAN region. The university was founded to meet the needs of the people in the North of Thailand and its neighbouring countries, and to commemorate the gracious contributions of Her Royal Highness Princess Srinagarindra, lovingly known to her subjects as “Mae Fah Luang”.

One and a half decades of development has led to Mae Fah Luang University being recognised as Thailand’s fastest growing higher educational institution. English is used as the primary medium of instruction in the majority of courses, with Active Learning being MFU’s method of teaching.

Utilising the “University in the Park” concept, MFU offers an environment and culture highly conducive to living and learning, attracting numerous visitors from many countries annually. This has led to various forms of mutual cooperation and collaborations, and has encouraged the rapidly increasing number of international students.

Directions of operation

- A medium-sized, quality educational institution
- An academic centre of the GMS
- Provision of study programmes that are essential and on-demand
- Emphasis on research at the graduate level
- Collaboration within the region and in compliance with the national policies

Philosophy

Develop people, cultivate knowledge, instil quality, uphold virtues

Vision

Mae Fah Luang University is a medium sized university of quality with international academic standards, pursuing excellence in both sciences and arts, with the aim of cultivating human resources for the nation as well as the GMS, accumulating and developing knowledge in various fields and technology, bringing newfound knowledge into practice, and restoring the national arts and culture.

University symbolic colours

Red refers to Her Royal Highness Princess Srinagarindra
Gold represents the perpetual progress of the University

University symbolic flower

Melodorum fruticosum Lour.
Known in Thai as “Lamduan” or “Homnuan”



FAST FACTS & FIGURES



Emblem

H.M. the King graciously granted permission to Mae Fah Luang University to have H.R.H. Princess Srinagarindra's monogram as part of the University emblem signifying royalty and propitiousness. In the middle of the monogram is the Thai letter "Sor", representing the first letter of the name of Her Royal Highness, Princess Srinagarindra. Flowers and leaves symbolise the University's commitment to the development of the quality of life and environmental promotion. The Thai numerals, 8 and 9 are included to refer to H.R.H. the Princess Mother being the mother of both King Rama VIII and King Rama IX, H.M. King Bhumibol Adulyadej.

CHIANG RAI



UNIVERSITY STUDENT BODY

TOTAL STUDENTS:	 11,727
GRADUATE:	 1,105
UNDERGRADUATE:	 10,593
ALUMNI:	 9,343
INTERNATIONAL STUDENTS:	 480
COUNTRIES:	 26

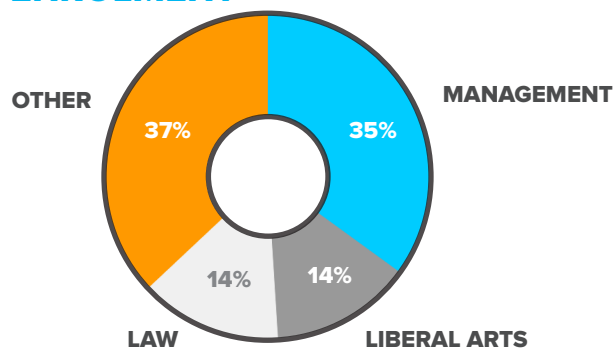
ACTIVE GLOBAL PARTNERS

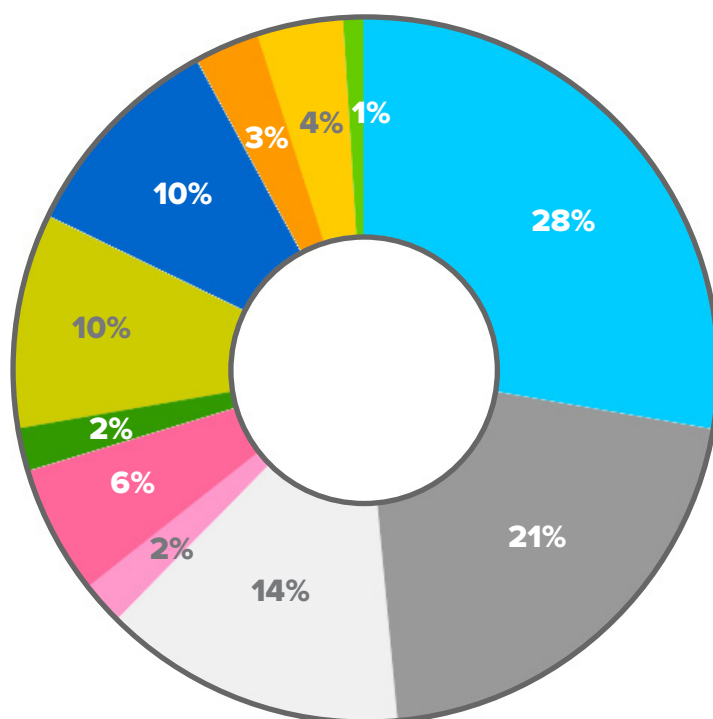
COUNTRIES:	 17+1
AGREEMENTS:	 49
JOINT PROGRAMMES:	 2

UNIVERSITY SIZE

SCHOOLS:	 12
ACADEMIC STAFF:	 474
UNDERGRADUATE PROGRAMMES:	 33
MASTER'S PROGRAMMES:	 26
DOCTORATE PROGRAMMES:	 15

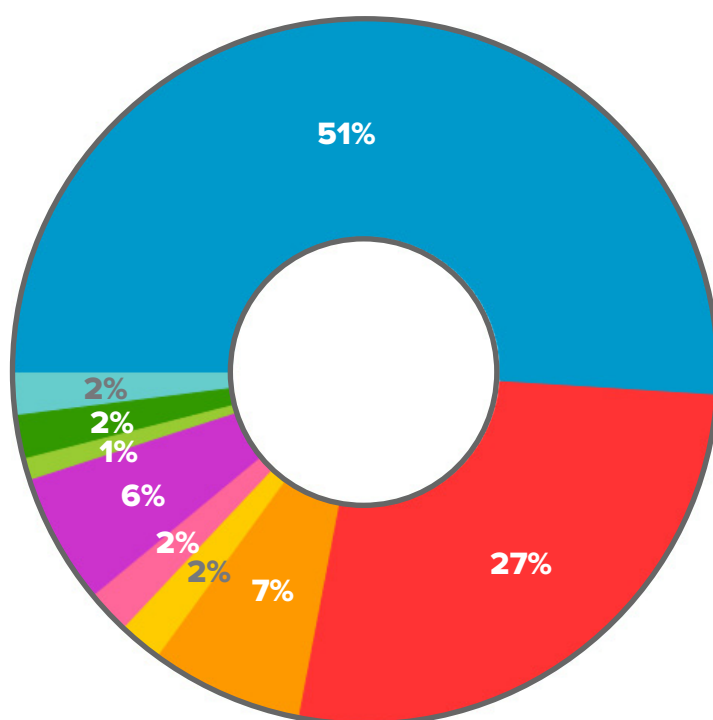
TOP 3 SCHOOLS BY ENROLMENT





PERCENTAGE OF STUDENTS PER SCHOOL

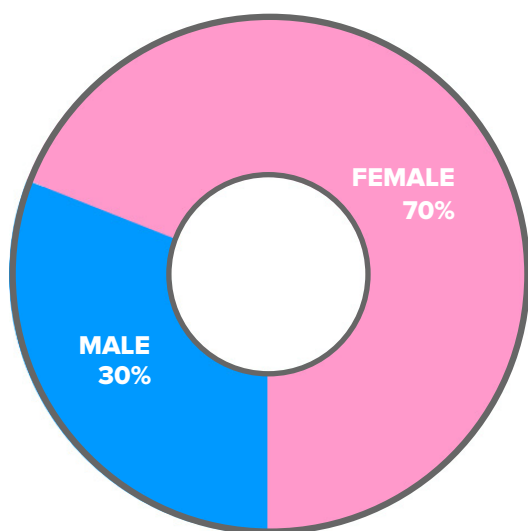
- Agro Industry
- Anti-Aging and Regenerative Medicine
- Cosmetic Science
- Health Science
- Information Technology
- Law
- Liberal Arts
- Management
- Nursing
- Science
- Medicine



PERCENTAGE OF INTERNATIONAL STUDENTS PER COUNTRY

- Myanmar
- China
- Laos
- South Korea
- Japan
- Vietnam
- Sri Lanka
- Bhutan
- Other

PERCENTAGE OF MALE/FEMALE STUDENTS



THE MFU STUDENT EXPERIENCE

Are you ready for it?

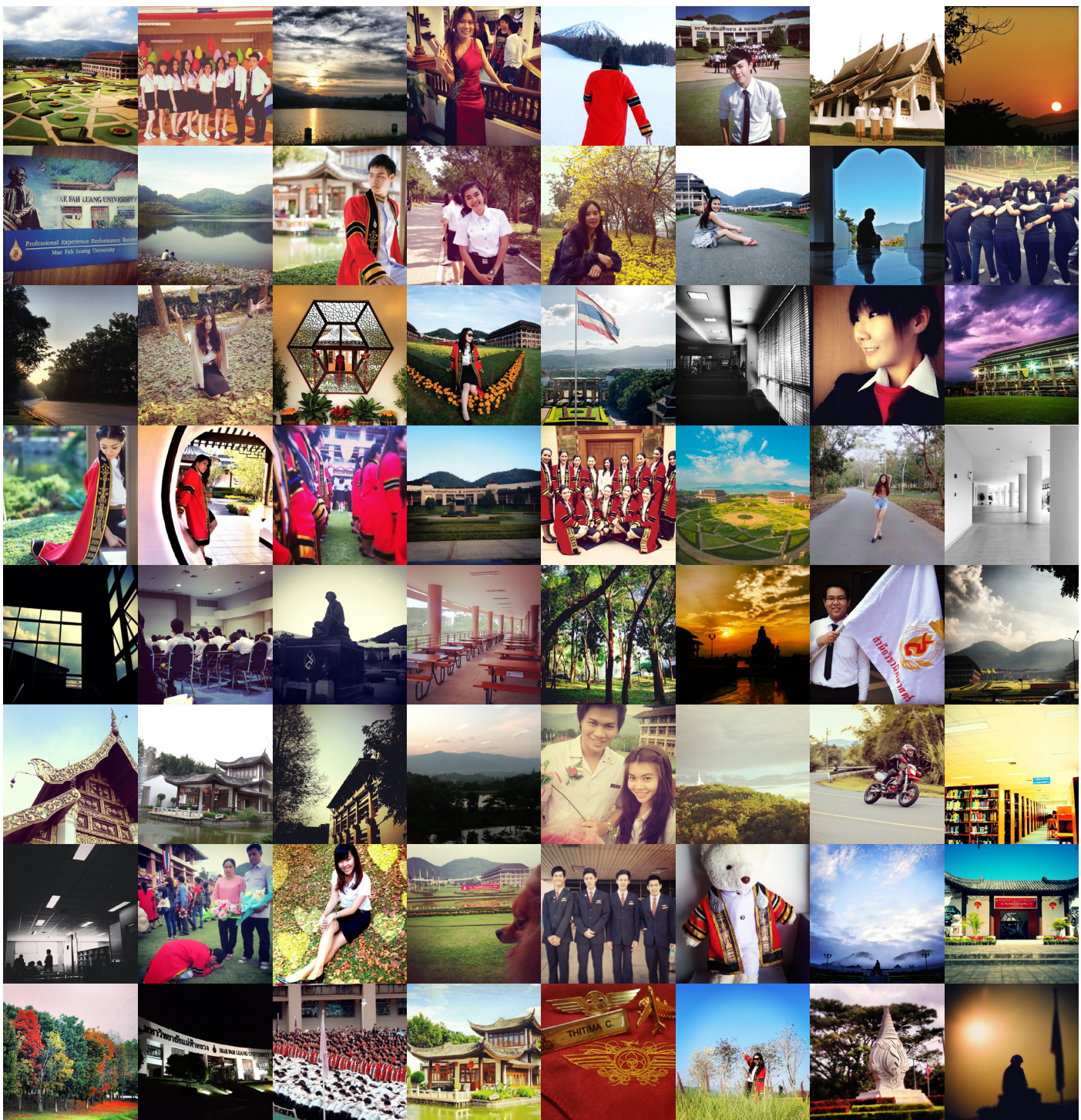
At Mae Fah Luang University, the student experience will begin from day one. A feeling of unity among the student body is fostered by the orientation activities, authentic to MFU.

Your life will be enriched through the great friendships formed, the lessons learned, and the unforgettable times that will make this MFU experience truly yours.



FROM THE STUDENTS' PERSPECTIVE

Search #MFU on Instagram and discover MFU the way we see it



WHAT DO YOU PLAN TO DO?

Your study options at MFU are as diverse as the students you'll meet.



Lingxiaoyan Li
Kunming, China
Thai Language and Culture
School of Liberal Arts

"MFU is full of friendly students and kind teachers. The university has given me the opportunity to develop myself and represent it in various activities that would be otherwise unavailable. I felt so proud winning the International Tertiary Education Speech Contest in Honour of His Majesty the King, and owe this honour to the excellence of my teachers."



Nawabzadi Marina Raisani
Balochistan, Pakistan
English
School of Liberal Arts

"MFU provides various opportunities for its students, giving them the chance to learn more than just from the classroom. All kinds of activities are supported by MFU and its staff are caring and kind. I really feel honoured and proud to say that I am a daughter of Mae Fah Luang. The international atmosphere has really helped to shape me as a good person, building confidence in my communication skills and gaining many foreign friends."



Tobias Groenlund
Idstein, Germany
Business Administration
School of Management

"I was fortunate enough to be shown MFU while volunteering in Thailand. The experiences I gather while studying abroad give me an advantage, which I would never get otherwise. At MFU I experience a beautiful university together with studying in an environment in Thailand where everyone is always polite and happy. There is a great connection between all the different cultures in MFU, this gives me a better view of people from all around the world and releases me from previous stereotypes I once held."



Samantha Chandranath Karunarathna
Kandy, Sri Lanka
PhD in Biosciences
School of Science

"MFU is home to one of the top three experts of my field in the world, who offered me a PhD scholarship in Biosciences after I explained my interest in it. The beauty and calm working environment are such positive aspects of this university, and our language skills are also sharpened with such a wide range of international students, and lecturers who are native speakers of English. Our Institute is the only one in the world that consists of more than 35 post-graduate students from 8 Asian countries all working together."



Mary
Kyaing Tong, Myanmar
Engineering
**School of Information
Technology Computer**

"MFU makes me feel warm, it can be called my second home. I have very kind lecturers, seniors, staff and friends who are always willing to help me whenever I need. MFU is the place where I can make my dreams come true. Through the support and training provided by MFU, finally I have become a certified Engineer with many job opportunities surrounding me. Moreover, MFU is offering me a chance to continue my study. I can see my life is full with success in the future. Thank you so much, MFU."



Dylan Jan Hartmann
Nimbin, Australia
Thai Language and Culture
School of Liberal Arts

"Studying at MFU gave me a chance to fulfil my dreams of becoming an expert in Thai studies. Being immersed in the culture is priceless when trying to learn about it, and these skills and abilities gained while studying at MFU served as the basis for the beginnings of a successful career. Being a foreign student, MFU gave me the kind of experiences I would never be given back at home, particularly being invited to join in university activities or through opportunities to represent the university."



Suttinee Jamniyom
Bangkok, Thailand
Masters of Logistics and
Supply Chain Management
School of Management

"Compared to international programmes at other unis, MFU's fees aren't so expensive. MFU students come from all around Thailand and the world, and everybody is so nice, we love to share ideas and experiences with each other. Through my studies and extra-curricular experience at MFU I gained international exposure and learned the appropriate strategies for business success. Now on exchange in Europe, I realise how important the MFU experience was in shaping me as a global citizen."



Sai Hseing Pha
Mong Pan, Myanmar
Public Health
School of Health Science

"MFU offers a great learning environment, social warmth and excellent policies of administration, making us feel like it's our second home; an ASEAN villa in a peaceful garden. It has opened the window for me to see a diverse range of social, cultural patterns with its different learning style. MFU provides great opportunities, not only in the academic field but also in valuable activities. MFU has helped me to explore new knowledge and skills abroad, building friendships across borders, learning how to live in unity and contribute to society."



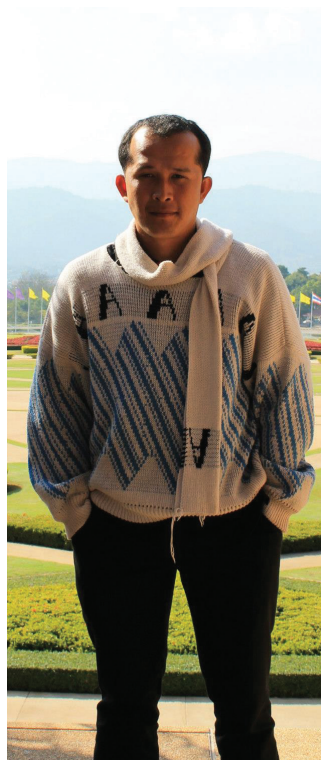
Yunhee Choi
Seoul, Korea
Thai Language and Culture
School of Liberal Arts

"I have loved staying in Northern Thailand, the weather is perfect and the food is delicious. My favourite thing about MFU is the kindness of everybody here. It has been so easy and pleasant making many lifelong friends through the activities organised by the University. Being a freshman here in Thailand and the ice breaking activities will be an experience that I'll never forget."



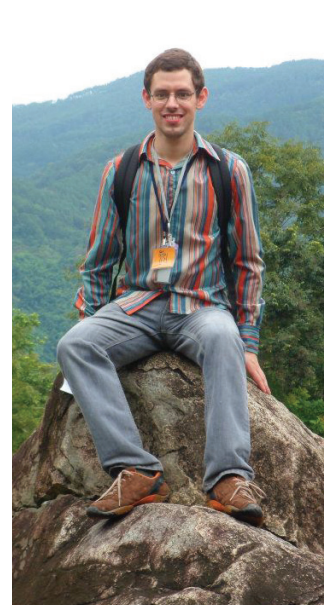
Sornsawan Najai
Nagano, Japan
Thai Language and Culture
School of Liberal Arts

"I was recommended to study at MFU because it offered a degree programme in Thai and it has such a nice campus. Once here, I began to admire the Royal Wish of H.R.H. the Princess Mother, who said to, "Plant forests, cultivate people". This philosophy is upheld at MFU and should be made a priority for all of mankind in this day of age. Through its local development programmes and student initiatives we are able to assist and aid local villagers and tribespeople so they may have a touch of the benevolence of Mae Fah Luang."



Phongphinay Xayasith
Vientiane, Lao PDR
Master of Laws
School of Law

"I saw how attractive the University was, the qualified teachers, curriculum and thought how amazing that it's all taught in English! I didn't hesitate to apply. I have met many qualified lecturers able to clarify any problems that I may encounter, and I'm sure that this will be important in assisting my future career, I'll always stay in contact with them. MFU has given me the best knowledge and skills and the teachers are all so friendly. I don't think I could have found an atmosphere like this anywhere else."



Franz Sascha Scholl
Asbach, Germany
Thai Language and Culture
School of Liberal Arts

"The International Affairs Staff are helpful and friendly and give a good impression of the University. MFU is such a beautiful university, located amidst nature, which is so much better than an urban environment. I have been able to learn the authentic Thai culture and gained a much clearer impression of Thailand as opposed to being stuck in a big city. Contact with other international students from such a range of cultures has helped form my personality, appreciating the great diversity upon planet Earth."

MFU'S TEACHING METHOD

Active Learning

Active learning is a process of teaching and learning in which students are engaged in activities in order to construct and develop their knowledge and skills. Unlike the traditional teacher-centred instruction, this instructional method is often referred to as “student-centred instruction”. The university has employed active learning methods for several years because it has been shown that an active learning environment encourages students to learn more effectively than a traditional passive learning environment.

There are various techniques to be used in the active learning class, such as brainstorming, role playing, mind mapping, collaborative or cooperative learning, problem-based learning, case-study learning, and debating. To select appropriate techniques, instructors have to design specific learning objectives, as each technique could develop distinguished levels of outcomes.

To groom our students to have the highest quality, Mae Fah Luang University has introduced our faculty and staff to some techniques for instructing active learning, in particular problem-based learning (PBL), a strategy where problems are introduced and students learn to construct knowledge and skills through problem solving. However, as each individual student has varied learning abilities and styles, the faculty is able to use a wide range of active learning techniques in their classes.



COOPERATIVE EDUCATION - INTERNSHIPS -

Cooperative education focuses on giving students an opportunity to systematically gain experiences from work-based learning. It is a requisite programme for our students to conduct internships in work places or organisations. Their job responsibilities should correspond to their fields of study. Hopefully, we expect them to learn from real life experiences.

The University's mission is to facilitate the process and coordinate with all relevant parties such as students, advisors, employers and other participating units, in order to successfully accomplish this project. It is apparent that the cooperative programme is one of the key elements to produce valuable

graduates whose qualifications meet the needs of potential employers, both in the private and government sectors.

In principle, the main objective of cooperative education is to foster students' autonomous learning and development through authentic work experience (work-based learning). Such experience not only enhances students' skills in working, communicating and sharing responsibilities with colleagues, but also strengthens their confidence and prepares them with qualifications required for business establishments.

Taking part in a cooperative education programme is essential for our students and

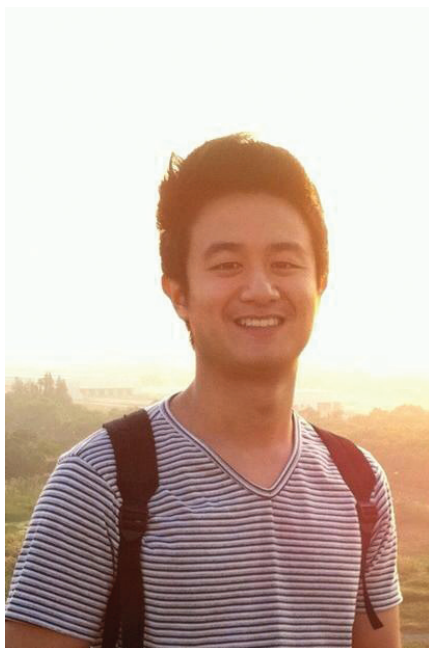
our university's reputation. The objectives for students to enrol in cooperative education are:

- To gain work-based learning experience before starting their real careers
- To handle work-related unpleasant situations or pressure
- To understand and adjust themselves to a real working environment and experience the world outside the confines of a classroom

SOME EXCELLENT EXAMPLES

Mr Bovornpong Vathanathanakul

School of Liberal Arts, English Major
Internship at "UNESCO (Bangkok)"



Ms Daunghathai Booncherd

School of Liberal Arts, Business Chinese
Internship at "Thailand Trade and Economic Office - Thai Embassy, Taipei, Taiwan"



Mr Supaphon Chirawetthawon

School of Information Technology,
Computer Engineering
Internship at "IBM Solution Delivery"



STUDENT DEVELOPMENT

The university aims to train students, in addition to the academic areas, to have respectable personalities and observe social etiquette, to be good leaders and good listeners, to have management skills, to live and work in harmony with others, to be self disciplined, to maintain physical, emotional and mental health, to uphold virtues, to have a sense of self and social responsibility, and to have a tolerant and self-sacrifice mindset. All of these goals are provided for students to achieve in addition to their academic development.

In order to fulfil the above stated goals, the Student Development Division arranges activities that respond to the developmental needs of the students in each year. Moreover, it employs strategies that encourage students to perform and participate in the activities in which they are skilled and interested in, throughout the period of their studies. These main duties, entrusted to the Student Development Division, are to improve the potential of MFU students, according to the following university policies:

1. Development of students' ethics, integrity and personality
2. Promotion of student activities and well-being
3. Provision of welfare conducive to students' education

Activities and clubs

The University has a policy to promote, encourage and implement activities initiated by students, so that the knowledge and experience they acquire through such activities will help them to mature physically, mentally, emotionally and intellectually. Besides this, doing activities will enable the students to constructively apply their academic knowledge to improve the society. These activities are also intended to foster among the students a sense of unity, as well as an understanding of democracy with a constitutional monarch. These activities are classified into four categories based on the students' interests and skills: Student Activities, School Activities, Arts and Culture Conservation, and Environmental Conservation.

Student development goals

- Ethics and integrity
- Ability and knowledge
- Internationalism
- Good personalities
- Self-discipline
- Leadership and obedience
- Common good spirit
- Physical and mental well-being
- Art, culture and environmental conservation
- Loyalty to the Nation, Religion and Monarch
- Love and pride in Mae Fah Luang University

MFU student clubs

1. Academic

- Innovation and Robots Club
- Computer Club
- Multimedia Club
- Army Reserve Force Students' Club
- Makeover Club
- Amateur Radio Operators' Club
- Investment Club
- Science Club
- Videography Club
- Photography Club
- English Club
- Korean Language and Culture Club

2. Development, Guidance, Hobby

- Democracy Club
- Flora and Fauna Club
- Environment Protection Club
- Hilltribes' Friends Club
- Health Promotion Club
- Forest Conservation Club
- Classic Car Club
- Rural Development Club
- Power Seed Club
- Scholar Power Club
- The Prince Father's Wish Student Club

3. Sports

- Table Tennis Club
- Board Game Club
- Athletics Club
- Badminton Club
- Dance Club
- BB Gun Club
- Golf Club
- Rugby Club
- Kendo Club
- Tennis Club
- Thai Sword and Martial Arts Club
- Basketball Club
- Football Club
- Pentanque Club
- Volleyball Club

- Takraw Club
- Swimming Club
- Futsal Club
- Amateur Boxing Club
- Bicycle Club

4. Student Relations

- Dancing and Acting Club
- To Be Number One Club
- International Club
- Leadership Development Club
- Recreation Club
- Central Support News Club
- Entertainment Club
- MFU Band Club
- SWAT Club
- Student Personality Club
- MFU Dormitory Students Club

5. Religion, Arts and Culture

- Traditional Thai Classical Music Club
- Muslim Club
- Buddhist Club
- Isaan-Laanchang Study Club
- Southern Culture Conservation Club
- Christian Club
- Dramatic Arts Club

Living and Learning Support Centre

The Living and Learning Support Centre aims to support and help students during their studies in Mae Fah Luang University. Its friendly staff help to advise students about how to learn independently and how to make progress in their scholastic achievements. In addition, the Centre also provides a counselling service for students in order to prepare them to manage their educational challenges and to become fully developed members of society. The Centre strives under its motto, "We're always here to help," to fulfil its vision, "To listen to students' problems, give them advice and assist them in their studies and in their life on the campus."

The Living and Learning Support Centre's service covers two main areas, the academic area and the campus life area. The Centre's service in the academic area consists of counselling students in regard to their university education; arranging pre-exam tutorials for freshmen; providing students with education-related information, including university education, and further study opportunities; arranging a Moral Support Library, internet access, a monthly 'Mental Health Guide' and an E-bulletin through the Centre's website. The Centre maintains a close relationship with other student-support divisions, such as all of the Schools of Mae Fah Luang University, Registration Division, Student Development Division, and the Psychological Affairs Section of the Mae Fah Luang University Hospital. After the Centre has provided the necessary help to students, it pays attention to observe the development of the students and their concerns in order to support them further, if it seems necessary. Furthermore, the Centre will check and evaluate its own counselling and the impacts which it has had on students in order to evolve the counselling and assisting process and to maintain the quality of its service.

The Centre's services in the campus life area are comprised of counselling students in regards to all aspects of their campus life, such as self-adjustment to the university environment, personal development and family matters of the students. In addition, the Centre organises student activities to make them capable of coping with academic challenges, as well as with the campus life.

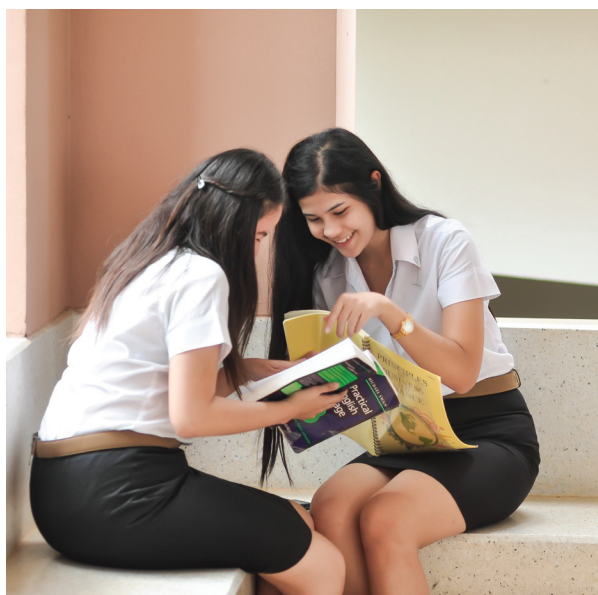
There are several ways to contact the Living and Learning Support Centre in order to seek their counselling or assistance:

Room 12, D1 Building, MFU
E-mail: student-support@mfu.ac.th
Facebook: <http://facebook.com/LLSCMFU>
Web: www.mfu.ac.th/division/llsc
Phone: +66 (0) 5391 6666
+66 (0) 5391 6167-9
Fax: +66 (0) 5391 6169



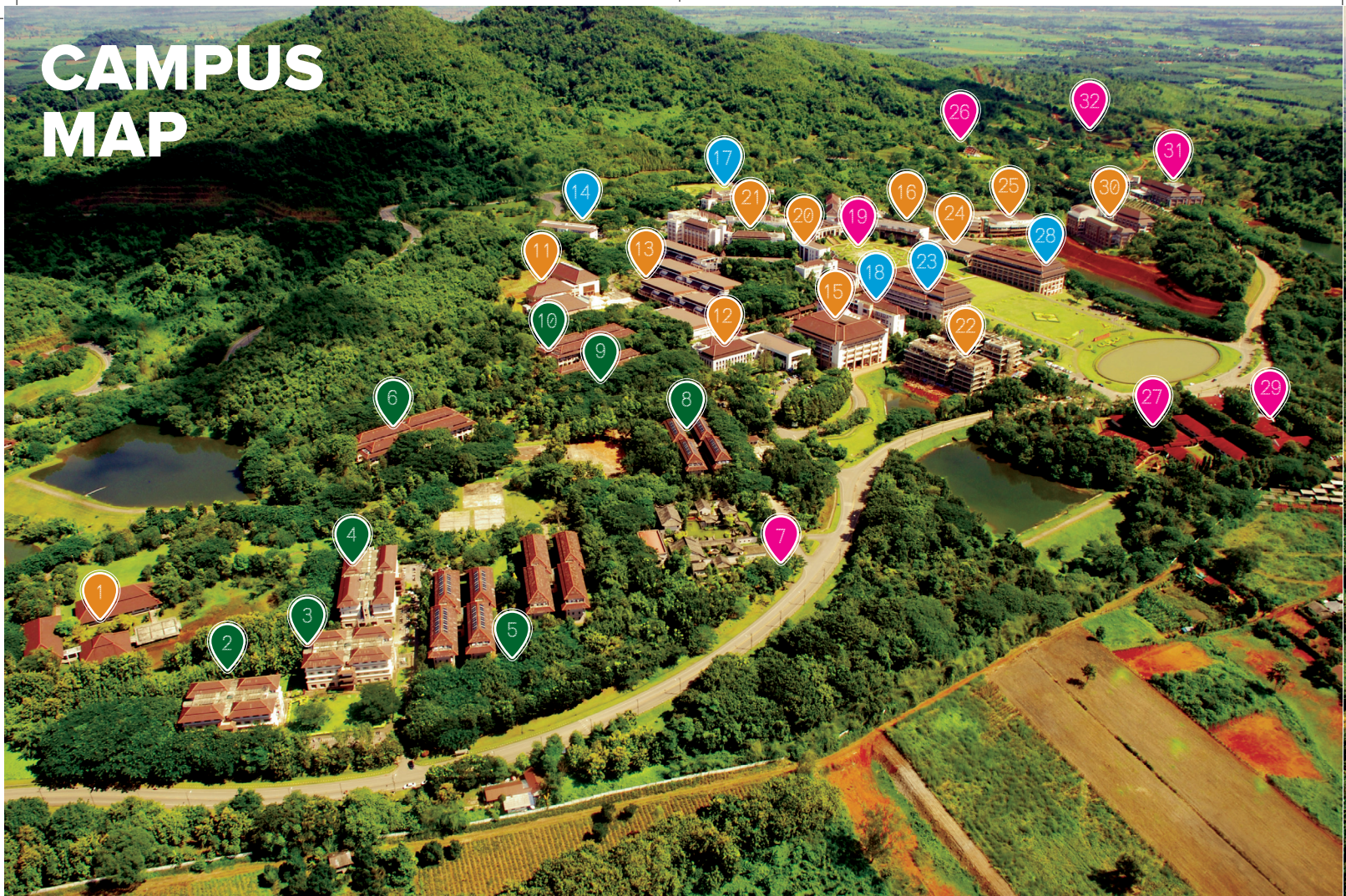
CAMPUS LIFE

The range of activities at MFU will never leave you deprived of things to do. Taking part in either academic, cultural, sports or entertainment activities will allow you to make friends easily and help your university life to become well rounded and balanced with socialising and study activities.





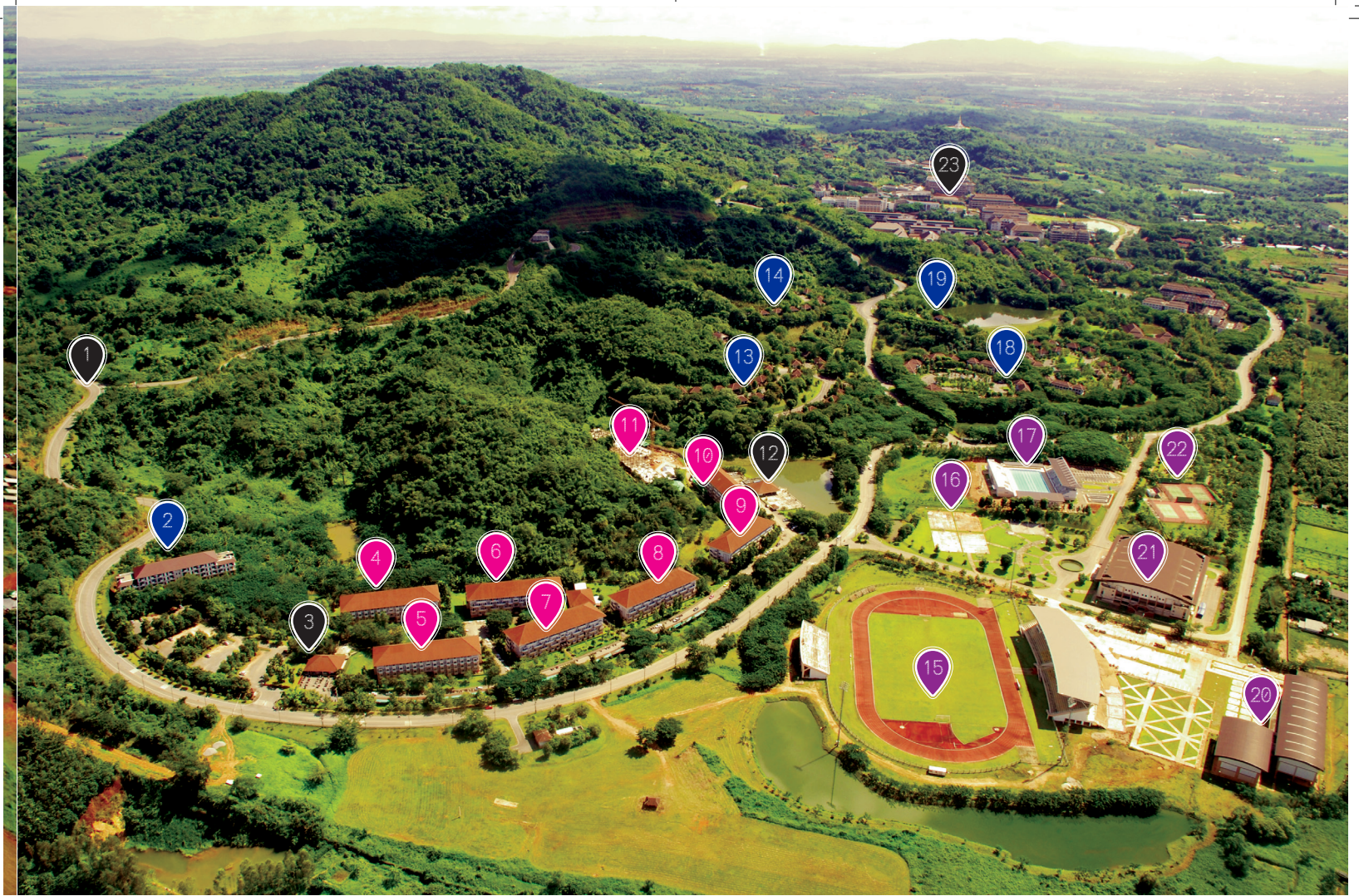
CAMPUS MAP



Academic and Administrative buildings

- | | |
|---|------------------------------|
| 1. D2 Building | 20. C1 Building |
| 2. Chinese 2 Dormitory | 21. C2 Building |
| 3. Chinese 1 Dormitory | 22. E3 Building |
| 4. Pol. Gen. Pao Dormitory | 23. E1 Building |
| 5. F5-6 Dormitories | 24. C4 Building |
| 6. F3 Dormitory | 25. C5 Building |
| 7. Sirindhorn Chinese Language and Culture Centre | 26. Laan Thong Vihara |
| 8. F4 Dormitory | 27. Suan Naa Shopping Centre |
| 9. F2 Dormitory | 28. E2 Building |
| 10. F1 Dormitory | 29. MFU Book Centre |
| 11. Language Studies Centre | 30. M Building |
| 12. D1 Building | 31. MFU Hospital |
| 13. Scientific Building Complex | 32. Wanaphirom Park |
| 14. AD2 Building | |
| 15. LREMS (Library) | |
| 16. C3 Building | |
| 17. Office of the President (AD) | |
| 18. AS Building | |
| 19. Lan Dao | |





Everything you'll ever need for your student experience can be found at MFU

The campus of MFU consists of a large complex of modern, state of the art buildings and spans over more than 800 hectares. Located in a spectacular setting of mountains and trees, our campus is highly conducive to living and learning, in a clean, natural environment.

MFU is committed to being environmentally friendly. Most of the forest that now surrounds the campus has been planted by successive generations of students, since the construction of MFU began; linked to the determination of H.R.H. the Princess Mother of, "Reforestation and human resources development".

Electric vehicles serve as the main form of transport on campus, this and effective water catchment management serve as the proof that MFU is literally one of the greenest universities in Thailand.

1. Road to Wanasom
2. Makam Pom Staff Dormitory
3. 7/11 and Laundry Service
4. Lamduan 1 Student Dormitory
5. Lamduan 2 Student Dormitory
6. Lamduan 3 Student Dormitory
7. Lamduan 4 Student Dormitory
8. Lamduan 5 Student Dormitory
9. Lamduan 6 Student Dormitory
10. Lamduan 7 Student Dormitory
11. Medical Student Dormitory
12. Ruen Rim Nam Restaurant
13. Faculty Residences
14. Administrator Residences
15. Athletics Track and Football Field
16. Outdoor Basketball Courts
17. MFU Pool
18. Faculty Residences
19. President's Residence
20. Sports Stadium (Anek Prasong)
21. MFU Sports Stadium (Chalerm Prakeat)
22. Tennis Courts
23. Academic and Administrative Buildings



THE BEST SPORTS FACILITIES

Mae Fah Luang University offers an exceptional range of international standard sporting facilities as well as physical fitness rooms available for use by all MFU students, staff, faculty, and the general public. MFU has made this great investment in order to promote sports activities, exercise and fitness to the wider society, providing some of the best sporting infrastructure available in the North of Thailand.





ACCOMMODATION

MFU Dormitories

On campus accommodation is guaranteed for every international student for the first year of their studies at MFU. It is the intention of the University to help foster students' social skills by allowing them to live together and help one another throughout their daily lives as well as through academics.

MFU has 18 dormitory buildings totalling 5,600 beds. The dormitories are supervised by MFU staff and are watched around the clock by security officers. Dormitories at MFU are not co-ed and 4 persons stay per room.

All rooms are fully equipped with a complete range of living and learning facilities, such as study desks, reading lamps, cabinets, beds, mattresses, wardrobes, chairs, ceiling fan, hot water shower, internet access.

Shared Facilities:

Study rooms, living rooms with satellite TV, computer rooms, coin-operated washing machines, microwaves, hot water kettles, refrigerators, clothes irons, public telephones.

- Average meals: 30 THB per meal
- Laundry: 20 THB per washing load or
500 THB per month for laundry service
- Taxi to city: 260 THB
- Local bus to city: 20 THB

**1 USD = 32THB (subject to change)*



ACADEMIC SUPPORT AND SERVICE CENTRES



The Learning Resources and Educational Media Centre

Institute for the Study of Natural Resources and Environmental Management

The Institute for Natural Resources and Environmental Management (NREM) was established in 2005 as an independent unit within Mae Fah Luang University. NREM explicitly fosters the MFU's primary mission advocated by the Princess Mother: to conserve and rehabilitate nature and the environment, and to sustain and improve the beautiful natural and human resources of Northern Thailand and the neighbouring countries. NREM has a strategic working partnership with 11 leading academic institutions in the Greater Mekong Subregion (GMS). In order to successfully conduct its graduate programmes and research projects, NREM has assembled a unique international and interdisciplinary staff of scientists knowledgeable in a wide range of environmental and natural resources specialities.

French-Upper Mekong Subregion Academic Cooperation Centre

The French-Upper Mekong Subregion Academic Cooperation Centre of Mae Fah Luang University promotes the transfer of knowledge and technologies between France, Thailand and the GMS countries. Moreover, it aims to spread knowledge about the French language and culture within Northern Thailand; coordinates with different French organisations and institutes, as well as organisations in the Mekong Subregion in order to strengthen and publicise academic works and research; and distributes information about France and Francophone countries. In addition, the Centre provides a library to the general public.

Mekong Basin Civilisation Museum

The Mekong Subregion is very rich in culture, traditions and indigenous wisdom since there has been human civilisation here for quite a long time. Mae Fah Luang University aims to provide a regional hub for the study, research and development of arts and culture in the Mekong Subregion, hence it set up the Mekong Basin Civilisation Museum. The Museum aims to establish a research centre for arts and culture in the Mekong Subregion; to provide a knowledge-based centre for research, community services, and information about arts and culture in the region. In order to achieve these goals, the centre collects and develops arts and culture in the Mekong Subregion; collects all kinds of cultural objects for display in the museum and preservation; disseminates academic study materials, such as books, electronic media, and seminars; develops of networks for financial support and academic cooperation.

Mae Fah Luang University Business Incubator (MFUBI)

The Mae Fah Luang University Business Incubator was established to help businesses by reducing their costs while setting up a new company, as well as to support these companies in various affairs which targets to accelerate growth until the business is capable of surviving on its own. Helping to establish a process in the newly-founded company; influencing the choice of operators, communities, advisers, cooperating businesses and scientists, as well as lecturers and students taking part in the project; and providing sufficient training for the leader of the new company. MFUBI makes suggestions to these businesses of ways to build up networks with other businesses in order to enable entrepreneurs to conduct strong and sustainable business.

Self-Access Language Learning Centre

The Self-Access Language Learning Centre aims to foster the language learning of students by providing excellent service through well-trained staff, in an elaborate facility. The staff will help by explaining efficient learning strategies to the students and by promoting a sense of independent lifelong studying, which leads to a development of the language proficiency of the learners, in a friendly, lively, and smart environment.

Learning Resources and Educational Media Centre (MFU Library)

The Learning Resources and Educational Media Centre offers a wide range of sources of information, such as various books, journals, periodicals, magazines, newspapers, documents, databases and electronic media. Moreover, it provides many services for the patron in order to simplify the search process for information within the library. The homepage of the Centre enables users to check whether a book or any other source of information is available or not and also provides feedback regarding the quality of the book, provided by previous readers, lecturers and other students. Other services offered by the Learning Resources and Educational Media Centre are daily English and Thai newspapers, study rooms where students can practice and improve their English, a free wireless internet connection and a photocopy shop. Borrowing books, magazines and electronic media is free of charge for lecturers, students and the staff. In addition, there are meeting rooms within the library which the students can use to hold seminars or conduct group work.





The Sirindhorn Chinese
Language and Culture Centre

Tea Institute

Because tea is an important industrial crop for the Chiang Rai province, Mae Fah Luang introduced the Tea institute in 2003. Its goal is to be the centre of knowledge in the field of tea and the tea production and to boost the economic and social development of the Thai tea industry. The tasks of the Tea Institute are to coordinate between government and private sectors in order to promote the Thai tea industry; coordinate and create domestic and international networks in the field of tea; compile, analyse, synthesise, disseminate and transfer information and knowledge concerning tea; and to support the tea industry by providing technical consultation and conducting research.

Centre for Academic Services

Centre of Academic Service of Mae Fah Luang University was established in order to support quality educational activities and disseminate new-found knowledge to the public, to strengthen the community, and to contribute to the social and economic development of the country. The Centre aims to organise training seminars, conferences and training programmes; contact prospective external customers in order to generate financial support to the University; and provide academic and research service to external organisations.

Centre for Information Technology Service

Centre for Information Technology Service at Mae Fah Luang University provides computing facilities and integrated institution methods for the use of the IT in degree programmes. Computer sites are located around the campus and are linked to printers, plotters, and scanners. There are wireless internet connections around all educational areas. Moreover, the Local Area Network (LAN), which is available all over the campus, is an excellent way of accessing information at high speed from all around the world.

Scientific and Technological Instrument Centre

Scientific and Technological Instrument Centre provides equipment for teaching, training, and research to schools and public. All laboratories are well-equipped with modern and sophisticated instruments.

Sirindhorn Chinese Language and Culture Centre

Sirindhorn Chinese Language and Culture Centre provides a modern facility for Chinese Language learning and cultural studies. The building is beautifully designed in a typical Suzhou style, with a generous grant from the government of the People's Republic of China. The Centre is equipped with displays of Chinese arts, computer laboratories, Chinese textbooks, references, periodicals and maps. Supported by the Chinese government, the Sirindhorn Chinese Language and Culture Centre is the only one of its kind outside mainland China.

Confucius Institute

The award winning MFU Confucius Institute collaborates with Xiamen University, P.R. China in order to provide excellent learning conditions for learners of Chinese. Furthermore, it promotes a Sino-Thai cultural exchange, and enhances mutual understanding and friendship between Chinese and Thai people.

Mae Fah Luang University Hospital

Mae Fah Luang University Hospital, which was established in 2009, offers both kinds of services; modern medicine and alternative medicine. The modern medicine approach is used in the treatment of patients suffering from common illnesses, emergency cases, during physical therapies, hydrotherapy, dental, dermatology, beauty and anti-aging treatments. The alternative treatments include acupuncture, massage treatments, Thai traditional medicine, apitherapy, chelation and vacuum cupping. Moreover, the hospital facilitates the teaching of students in a wide variety of fields. Skilful and motivated staff work in the hospital to provide a comprehensive service to students, lecturers, staff and the local community. The hospital aims to teach students and progress in the development of alternative medicine.

Post Office

A licenced on-campus Post Office offers all kind of postal services, such as mailing and receiving of letters and parcels.

Banks

There are three banks on campus: The Bank of Ayudhya; the Bangkok Bank; and the Government Savings Bank. These are open from Monday to Friday, except on public holidays.

Mae Fah Luang Book Centre

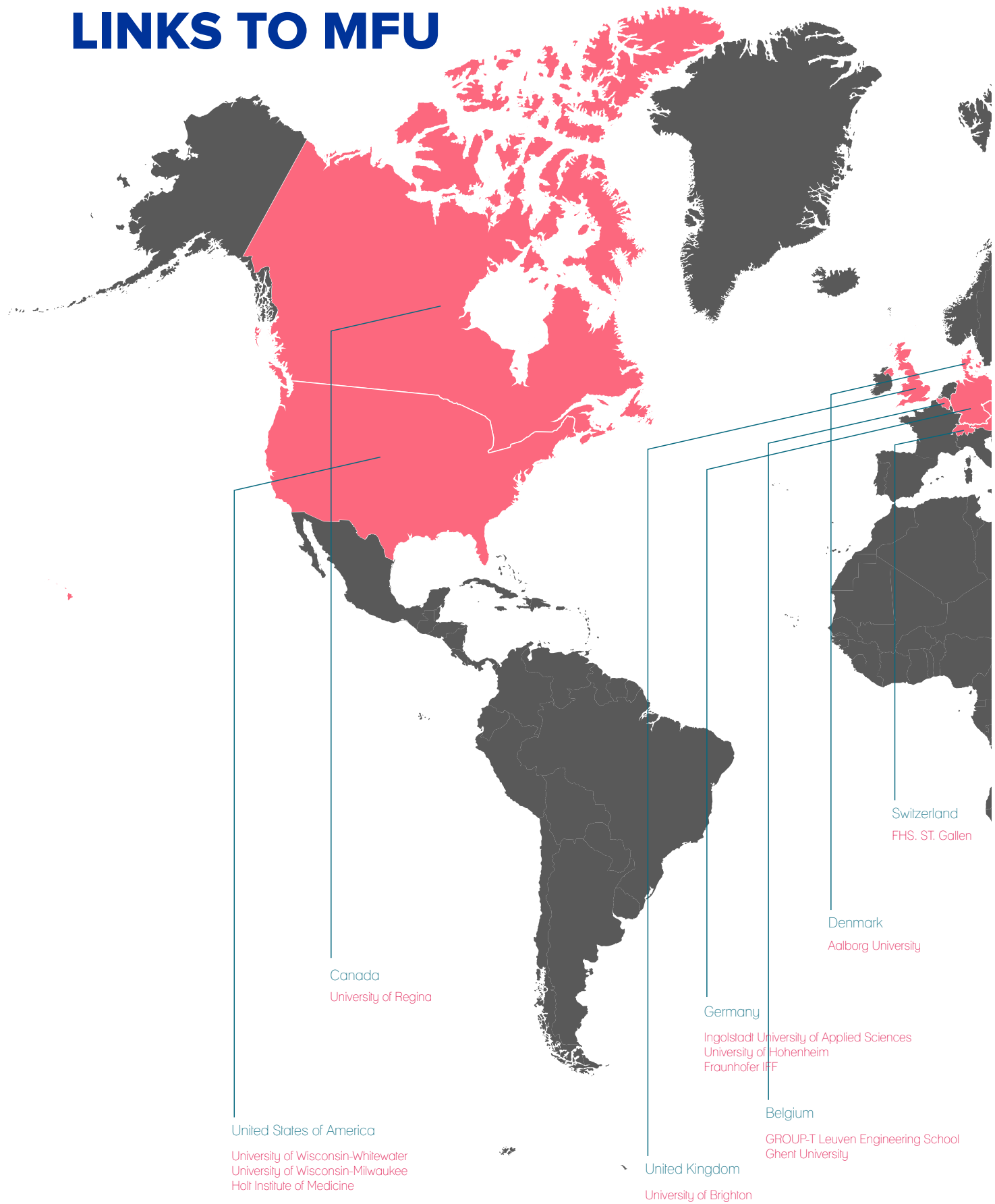
This Centre's task is to distribute and sell books, educational media, and stationery for students, lecturers, university staff, and the general public.

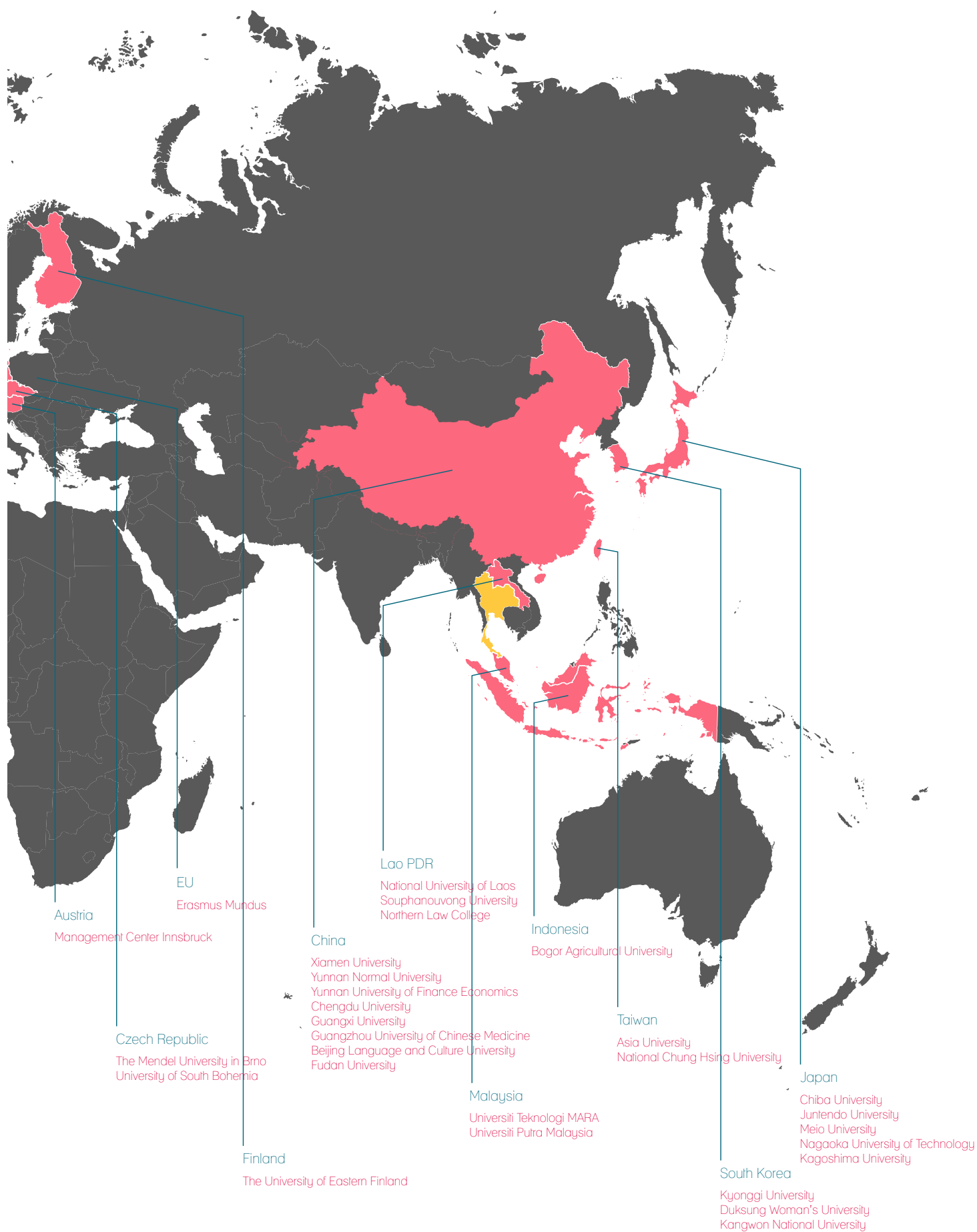
Transportation

MFU provides electric vehicles which transport students, lecturers, staff and the general public around the campus without any charge. MFU provides vans to collect students, lecturers, and staff who arrive in Chiang Rai for the first time, free of charge. There are also public buses which ride from MFU to Chiang Rai city for around 20 THB per trip.



INTERNATIONAL LINKS TO MFU





INSPIRATIONAL GUESTS

Mae Fah Luang University is always abuzz with international activities, conferences, seminars and meetings. It is the University's strategic location within ASEAN and its international outlook that attracts so many great minds and influential figures from a wide range of industries and backgrounds to come and share their expertise and professional advice. Through such activities the University is acting upon its mission of facilitating the human resource development in the region, making available the knowledge and wisdom of some of the leading experts in their fields to both the general public, school and university students and wider academic circles. MFU has built a solid academic reputation for itself, and by adhering to its vision and principals, the University has attracted several impressive dignitaries, speakers and visitors, such as:

- H.R.H. Princess Sirindhorn
- Dr Surin Pitsuwan - Former Secretary General of ASEAN
- Madame Livia Klausova, First Lady of the Czech Republic
- H.E. Mr U Win Naing - Myanmar Minister of Foreign Affairs
- H.E. Mr U Htay Aung - Myanmar Minister of Hotels and Tourism
- H.E. Mrs Kristie Kenney - U.S. Ambassador to Thailand
- H.E. Mr James Wise - Australian Ambassador to Thailand
- H.E. Mr Suvithya Simaskul - Former Thai Ambassador to Japan/Canada/Lao PDR
- H.E. Mr Lutfi Rauf - Indonesian Ambassador to Thailand
- H.E. Mr Chung Hae-Moon - South Korean Ambassador to Thailand
- H.E. Mr Ivan Hotek - Czech Ambassador to Thailand
- H.E. Mr Eric G. John - Former U.S. Ambassador to Thailand
- H.E. Mr Amo Riedel - Austrian Ambassador to Thailand
- H.E. Dr Hanns Heinrich Schumacher - German Ambassador to Thailand
- H.E. Mr Vitavas Srivithok - Thai Ambassador to Lao PDR
- H.E. Mr Anuson Chinwanno - Thai Ambassador to Vietnam
- H.E. Mr Pisanu Suvannajata - Thai Ambassador to Myanmar
- H.E. Mr Apirath Vienravi - Former Thai Ambassador to Myanmar
- Mr Zhang Weicai - The Consul-General of PR China, Chiang Mai
- Mr Michael K. Morrow - Former U.S. Consul General, Chiang Mai
- Ms Susan Stevenson - Former U.S. Consul General, Chiang Mai
- Mr Kenneth L. Foster - U.S. Consul General, Chiang Mai
- Professor Dr Ramjee Prasad - Director Centre for Teleinfrastructure, Aalborg University
- Professor Anette Kolmos - Professor in Engineering Education and PBL and Chairholder for UNESCO Chair in Problem Based Learning in Engineering Education, Aalborg University
- Professor Dr Methi Wecharatana - Professor of Civil and Environmental Engineering, New Jersey Institute of Technology, USA
- Associate Professor Dr Nantana Gajasen - Executive Director ASEAN University Network
- Mr Yang Zhenbin - President of the Executive Committee, Xiamen University
- Professor Zhu Chongshi - President of Xiamen University
- Professor Dr Herry Suhardiyanto - President of Bogor Agricultural University









ACADEMIC PROGRAMME INFORMATION

International programmes

All programmes at Mae Fah Luang University use English as the medium of instruction unless specified otherwise.

Mae Fah Luang University also offers six graduate and postgraduate programmes registered with the Thai Office of Higher Education Commission as international programmes. These programmes are different in their fee cost and course structure to the standard programmes and include: MA and PhD in English for Professional Development (School of Liberal Arts), MSc and PhD in Natural Resource and Environmental Management (School of Science), MSc in Public Health (School of Health Science), and MBA in Entrepreneurial Management (School of Management).

General education courses

Mae Fah Luang University offers over 70 academic programmes in a wide range of fields. As part of each undergraduate major, without exemption, students are required to complete no less than 30 credits of General Education courses.

Philosophy of general education courses

The General Education courses focus on developing the student to have a broad range of knowledge, a wide global outlook, an understanding of nature, themselves, others, and society. They will become intellectuals with the ability to think with logic, ability to use language well in the communication of meaning with others, having ethics, an appreciation of the value of arts and culture of Thailand and the international community. Students shall be able to take the knowledge learnt and apply it effectively in their lives and in their social being.

Objectives of general education courses

1. To know and understand oneself, able to develop oneself intellectually, habitually and morally, to become a complete person, both physically and spiritually.
2. To have an ability in logical thinking and decision making, to have creative thinking ability and have research skills in seeking knowledge.
3. To know and understand society and the community that one lives in, understand changes that occur in Thai society and the global society, including being able to analyse the problems of society.
4. To have suitable ethics and appreciation in preserving oneself in Thai society and the global society.
5. To have an appreciation of the importance of the environment, human rights and democracy.
6. To have the skills and experience within society, to be able to act appropriately in society and apply the knowledge gained from studies to develop oneself, one's family and society.
7. To have knowledge and understanding of the role and influence of technology towards the behaviour and lifestyle of humans.
8. To have basic skills in using technology in one's daily life, ability to use communication technology, have an ability to send and receive data and analyse such data with the appropriate technology.
9. To have an ability in applying knowledge and skills to lead life smoothly and pursue one's career appropriately.

The four areas of general education courses are as follows:

Language courses

Thai Language Skills, English 1-4, Chinese 1-4, Japanese 1, Japanese 2, Japanese 3, Japanese 4, French 1, French 2, German 1, German 2

**Native speakers of any of the above foreign languages may not enrol in their own native language. Thai Language Skills is only open to Thai students.*

Social science courses

ASEAN Studies, Environment and Development, Cultural Studies, Introduction to Thai Culture, Understanding Global Society, Citizenship and Contemporary Politics, Thai Local Politics and Government, Eastern Civilization, Western Civilization, Introduction to Economic, Organisation and Management, Know Your Laws

Mathematics courses

Introduction to Information Technology, Basic Information Technology, Science for Life, Mathematics for Life

Humanities courses

Man and Society, Art Appreciation, Recreation and Sport for Well-being, General Psychology, Creative Thinking and Inquiry Skills for Everyday Use, Leadership, Introduction to Eastern Philosophy, Introduction to Western Philosophy, Life and Health





SCHOOL OF

AGRO-INDUSTRY

Providing high quality teaching and conducting research as the centre of agro-industry in the ASEAN Region. It is committed to create competent agro-industry technologists with professional ethics and responsibility. Graduates are expected to be able to maintain and continuously expand their competency in conquering emerging issues.

About the School

The School of Agro-Industry was established in 1999 at the time of the establishment of MFU. The School aims to supply agro-industry technologists in order to support the food supply chain and to achieve our vision of becoming the agro-industry centre of the ASEAN region. Besides this, the School's goal is to create graduates with the identity of being smart, with a voluntary spirit, as an agro-industry innovator".

Vision

To become the centre of the agro-industry in ASEAN

Research Interests

Food Technology:

Characterisation & processing of agricultural produce, agricultural produces product development for value adding, agricultural & agro-industry waste utilisation, process optimisation for food product production

Technology Management of Agricultural Produces and Packaging: postharvest biology & technology of fruits, vegetables & ornamentals, postharvest technology of cereals & legumes, postharvest pathology & microbiology, produce packaging system, quality & safety of fresh produces, postharvest management of agricultural produce

Career Opportunities

Government offices and state enterprises, instructors, scholars, researchers in agriculture-related fields, production and quality assurance staff for food industries, practitioners of food product development businesses, exporters of agricultural produce, consultants for GMP, HACCP, and GHP systems, analysers of food samples, devise testers

International Collaboration

The School of Agro-Industry has developed international collaborations with various universities including; Chiba University, Shinshu University, Japan; Bogor Agricultural University, Indonesia; Universiti Teknologi Mara, Malaysia; Universiti Putra Malaysia, Malaysia; Hohenheim University, Germany; Mendel University in Brno, Czech Republic; and is part of the AIMS programme.

Contact Information

Phone: +66 (0) 5391 6738

Fax: +66 (0) 5391 6739

E-mail: agro-industry@mfu.ac.th

Web: www.mfu.ac.th/school/agro2012/

Bachelor of Science in FOOD TECHNOLOGY

29,250 Baht per semester
234,000 Baht per programme

This programme was designed to provide graduates with expertise in food technologies. The holistic perspective includes raw material handling, food processing, food quality assurance and food product development and marketing. The programme is aimed to equip graduates with knowledge, skills and creativity to promote food production and exporting in the expanding global food market. Besides this, such qualifications will also be reinforced with environmental awareness, social responsibility, professional ethics and morals.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and skills in food technology to serve the employment needs of the ASEAN community
- Integrate both theoretical and practical skills in their career path
- Continuously develop their competency with morals, ethics and professional ethics
- Communicate and adjust oneself to work effectively with others
- Improve and raise the standards of the food industry in order for international competition

Core Courses

General Chemistry 1-2, Principles of Analytical Chemistry, Principles of Physical Chemistry, Principles of Organic Chemistry, Principles of Biochemistry, General Biology 1-2, Microbiology, Principles of Physics, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Introduction to Agro-Industry and Agricultural Materials, Engineering Drawing, Food Microbiology, Food Chemistry, Food Analysis, Food and Nutrition, Food Processing 1-2, Seminar, Special Problem, Industrial Visit, Cooperative Education (or) Professional Experience, Food Engineering 1-2, Instrument and Process Control, Food Quality Control and Assurance, Food Laws and Standards, Food Product Development and Marketing, Packaging Technology, Food Plant Management and Sanitation

Major Elective Courses

Introduction to food toxicology, Fruit and Vegetable Technology, Fermented Food Technology, Fishery Product Technology, Tea and Coffee Technology, Dairy Product Technology, Technology of Meat, Poultry and Egg Products, Cereal Products Technology, Bakery Technology, Confectionery Technology, Beverage Technology, Waste Treatment and Utilisation, Sensory Evaluation, Food Packaging Technology

Free Elective Courses

Basic Technology of Food Products, Thai Traditional Food Recipes, Food and Health, ASEAN foods and Agro-Industry

Bachelor of Science in TECHNOLOGY MANAGEMENT OF AGRICULTURAL PRODUCE AND PACKAGING

29,250 Baht per semester
234,000 Baht per programme

This programme focuses on applying postharvest technology and packaging to maintain quality and prolong shelf life of fresh produce, providing knowledge and expertise covering all aspects of agricultural product technology management, including postharvest physiology, postharvest handling, packaging, agricultural logistics and the supply chain for successful, responsible and ethical business management.

Objectives:

After completing the programme, graduates will be able to:

- Understand the content and have technical skills in applying postharvest and packaging technologies to manage agricultural produce and their supply chain.
- Use English language for communication and learning and have skills in Information Technology.
- Apply effective and creative thinking to solve problems and have skills in interpersonal understanding, teamwork and communication.
- Apply and integrate basic knowledge for the benefit of oneself, society, and the nation.
- Be aware of moral and professional ethics.

Core Courses

General Chemistry 1-2, Principles of Analytical Chemistry, Principles of Organic Chemistry, Principles of Biochemistry, General Biology 1-2, Microbiology, Principles of Physics, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Principles of Marketing, Principles of Business Management, Introduction to Agro-Industry and Agricultural Materials, Quality Characteristics of Agricultural Produce and Processing, Quality System and Management in Agro-Industry, Postharvest Biology of Plants, Agricultural Training, Postharvest Diseases and Insect Pests, Postharvest Technology of Agricultural Produce, Agricultural Logistics and Supply Chain, Seminar, Special Problem, Professional Experience, Overseas Training, Packaging Technology, Packaging Materials and Application, Packaging System and Testing, Packaging Technology for Agricultural Produce, Distribution Packaging Technology for Agricultural Produce, Packaging Design

Major Elective Courses

Production and Operations Management, Sensory Evaluation, Postharvest Technology of Field Crops, Fresh-cut Fruits and Vegetables, Plant Growth Regulators, Postharvest Technology for Ornamental Crops, Food Packaging Technology, Permeability of Packaging Materials and Shelf Life of Agricultural Produce, Natural Materials for Packaging, Package Design for Marketing, Introduction to Agricultural Economics

Free Elective Courses

Basic Technology of Food Products, Thai Traditional Food Recipes, Food and Health, ASEAN foods and Agro-Industry

Master of Science in FOOD TECHNOLOGY

45,500 Baht per semester
182,000 Baht per programme

This programme is aimed at creating graduates with intensive comprehension specifically in food technology, who are talented in conducting and developing specific research in food science and technology to advocate food safety aspects within the whole food supply chain. It also focuses on both the provision of excellence in academic terms and professional ethics and morality for the graduates.

Objectives:

After completing the programme, graduates will be able to:

- Perform research in order to develop the food technologies for both public and private sectors with a potential of academic leadership.
- Conduct research in food technology aspects which will strengthen and sustain the global food industry.
- Expand the technology in regarding to its significance and appropriateness to provide utmost benefit.
- Exhibit their ability to administer and manage with courageous judgment and cooperate with others effectively with morals and professional ethics.

Total Credits Required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)
Thesis (12 Credits)

Available Courses

Statistics and Experimental Design for Agro-Industry, Research Methodology for Agro-Industry, Seminar 1-2, Advanced Food Chemistry, Advanced Instrumental Analysis for Research, Functional Properties of Food, Functional Foods, Selected Topics in Food Chemistry and Food Analysis, Advanced Food Microbiology, Food Toxicology, Microbiological Risk Assessment, Selected Topics in Food Safety, Food Biotechnology, Advanced Fermentation Technology, Food Enzyme Technology, Selected Topics in Food Biotechnology, Physical and Engineering Properties of Food and Biomaterials, Advanced Food Processing, Shelf Life Prediction of Food Products, Food Texture and Rheology, Selected Topics in Food Processing and Engineering, Sensory Evaluation for Product Development, Experimental Design in Product Development, Ingredients in Product Development, Advanced Product Development, Food Additives, Food Biochemistry Laboratory Techniques, Food Protein Technology, Carbohydrate Technology, Fat and Oil Technology, Principles in Food Science and Technology, Food Industrial Microbiology, Molecular Toxicology, Food Structure, Quality Control Design in Agro-Industry, Consumer and Technology, Supply Chain and Logistics Management for Agro-Industry, Industrial Visit

*Master of Science in***TECHNOLOGY
MANAGEMENT OF
AGRICULTURAL PRODUCE**

Plan A1: 45,500 Baht per semester
182,000 Baht per programme

Plan A2: 58,500 Baht per semester
234,000 Baht per programme

This programme provides students with knowledge in the technology management of agricultural produce, as well as the skills to develop food security, add value to agricultural products and effectively manage agricultural trade. Students will learn how to manage the agricultural produce after harvest to reduce avoidable losses during storage and transportation.

Objectives:

After completing the programme, graduates will be able to:

- Integrate postharvest technology and trade management of agricultural produce, with a proficiency in the appropriate use of contemporary technologies for the utmost benefit.
- Conduct research on technology management of agricultural produces and have the potential to become an academic leader.
- Work effectively with others by using management skills, morals and awareness of professional ethics.
- Use English language for communication and learning.

Total Credits Required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)
Thesis (12 Credits)

Available Courses

Agricultural Research Methodology, Postharvest Biology and Technology, Logistics and Supply Chain for Agricultural Produces, Seminar in Technology Management of Agricultural Produces 1-3, Quality Control Design in Agro-Industry, Postharvest Pathology, Postharvest Management of Fruits and Vegetables, Postharvest Management of Cereals and Legumes, Postharvest Management of Ornamental Crops, Postharvest Management of Tea, Coffee and Cocoa, Postharvest Operations Engineering, Selected Topics in Technology Management of Agricultural Produces, Application of Packaging Technology for Agricultural Produces, Border Trade Management, International Logistics and Supply Chain Management, Reverse Logistics and Return Management, Management of Agricultural Produce for Trade and Export

*Doctor of Philosophy in***FOOD TECHNOLOGY**

Plan 1.1: 39,000 Baht per semester
234,000 Baht per programme

Plan 1.2: 39,000 Baht per semester
390,000 Baht per programme

Plan 2.1: 45,500 Baht per semester
273,000 Baht per programme

Plan 2.2: 50,375 Baht per semester
503,750 Baht per programme

The Doctor of Philosophy Programme in Food Technology emphasises on providing graduates with expertise in a specialised field of food technology and with an ability to establish newfound knowledge. Graduates will have professionalism in the research and development in food technology and will be able to apply an appropriate knowledge to industrial sectors. Graduates are expected to be responsible with professional ethics, morals and to become well recognised at both national and international levels.

Objectives:

After completing the programme, graduates will be able to:

- Conduct research in food technology for both government and private sectors.
- Exhibit academic leadership with virtue, morals and professional ethics.
- Establish innovative research in the field of food technology.
- Initiate vigorous food technology development and sustain the food industry in Thailand and abroad.
- Share and transfer knowledge at both national and international levels.

- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)
- Plan 2.1: Coursework (12 Credits)
Dissertation (36 Credits)
- Plan 2.2: Coursework (24 Credits)
Dissertation (48 Credits)

Available Courses

Research and Development in Food Technology, Seminar 1-3, Advanced Food Chemistry, Advanced Instrumental Analysis for Research, Functional Properties of Food, Functional Foods, Selected Topics in Food Chemistry, Advanced Food Microbiology, Food Toxicology, Microbiological Risk Assessment, Selected Topics in Food Safety, Food Biotechnology, Advanced Fermentation Technology, Food Enzyme Technology, Selected Topics in Food Biotechnology, Physical and Engineering Properties of Food and Biomaterials, Advanced Food Processing, Shelf Life Prediction of Food Products, Food Texture and Rheology, Selected Topics in Food Processing and Engineering, Sensory Evaluation for Product Development, Experimental Design in Product Development, Ingredients in Product Development, Advanced Product Development, Selected Topics in Product Development, Food Additives, Food Biochemistry Laboratory Techniques, Food Protein Technology, Carbohydrate Technology, Fat and Oil Technology, Principles of Food Science and Technology, Food Industrial Microbiology, Molecular Toxicology, Food Structure, Quality Control Design in Agro-industry, Consumer and Technology, Supply Chain and Logistics Management for Agro-Industry







SCHOOL OF

ANTI-AGING AND REGENERATIVE MEDICINE

With the goal to establish Thailand as being the leader of research and technology in this field, using the most high-tech and sophisticated equipment available to serve the patients and advance student research, the School has the confidence in being one of the world leaders of research in the field of anti-aging and regenerative medicine.

About the School

These days the knowledge and research concerning Dermatology, Anti-Aging and Regenerative Medicine has progressed very rapidly. In an effort to make Thailand the centre of research and technology development in this field, Mae Fah Luang University established the School of Anti-Aging and Regenerative Medicine.

In the year 2008 the School was established, offering Masters and Doctoral level programmes in Dermatology, Anti-Aging and Regenerative Medicine with the intention to create competent doctors and scientists with potential to conduct research in Clinical Dermatology, Dermatological Science, and Anti-Aging and Regenerative medicine, with the further intention to serve the health of Thai people in this area.

Short and intensive courses have been opened in the fields of Aesthetic Medicine, Homeopathy, Vaser Liposuction, Fillers, Botox Injection, Nutritional Medicine, Sports Medicine, Endocrinology in Anti-Aging Medicine, Fellowships in Dermatology, Fellowships in Anti-Aging and Regenerative Medicine, and Facial Treatments for Beauty Technicians. In the near future the School is planning to provide international distance education through partnerships with institutions in the UK, USA and Japan.

The School of Anti-Aging and Regenerative Medicine, Mae Fah Luang University uses high-tech and sophisticated equipment such as CO₂ lasers, Helios, Gentle Yag, IPL, Q-switched NG Yag, VASER, Inbody, EStech, Bone Densitometry, Mammograms, Ultrasounds, Ulthera, VBeam, eMatrix, Excimer Laser, which are all used to serve the patients and student research. We are proud to announce that the School offers the highest level of technology for the study of Anti-Aging and Regenerative Medicine in Thailand and we have the confidence in being one of the world leaders of research in this field.

Vision

With the goal to establish Thailand as being the leader of research and technology in this field

Bangkok Campus:

38/11-13 Asoke Place Building, Asoke Road Sukhumvit 21, Klong Toey Nua, Klong Toey Nua, Wattana, Bangkok, 10110 Thailand

Phone: +66 (0) 2664 2295

+66 (0) 2264 4360

Fax: +66 (0) 2664 2296

E-mail: anti-aging@mfu.ac.th

Web: www.mfu.ac.th/school/anti-aging

Master of Science in ANTI-AGING AND REGENERATIVE MEDICINE

117,000 Baht per semester
468,000 Baht per programme

The Master of Science Programme in Anti-Aging and Regenerative Medicine aims to create competent, potential and leading doctors, who conduct research in anti-aging and regenerative medicine as well as medical science. This will lead to gaining newfound knowledge from research, which will be beneficial to the public health.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge in conducting research in medical science.
 - Present research work for the wider society at an international level.
 - Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
 - Have good morals and ethics in applying the knowledge to their occupation.
 - Have responsibility and capability in working with different cultures in various situations.
- Coursework (24 Credits)/Thesis (12 Credits)

Major Required Courses

Anti-Aging and Regenerative Medicine, Physiology of Hormone, Anti-Aging Diagnostic and Therapeutic Intervention, Hormone, Geriatric Medicine, Anti-Aging and Regenerative Medicine Clinic 1-2, Cosmetic Dermatology and Aging Skin, Nutrition, Applied Statistics and Research Methodology, Seminar in Anti-Aging and Regenerative Medicine, Journal Seminar in Anti-Aging and Regenerative Medicine, Alternative Medicine, Music Therapy

Major Elective Courses

Environment and Occupational Disorder, Sport and Exercise, Life Style for Optimal Health, Special Topic for Anti-Aging Physician, Workshop and Hand for Anti-Aging Physician

Master of Science in ANTI-AGING AND REGENERATIVE SCIENCE

78,000 Baht per semester
312,000 Baht per programme

The Master of Science Programme in Anti-Aging and Regenerative Science aims to create competent, potential and leading scientists, who conduct research on anti-aging and regenerative science. This will lead to gaining newfound knowledge from research, which will be beneficial to medical science and public health.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge in conducting research in medical science.
- Conduct research continuously in Anti-Aging and Regenerative Science for the benefit of the scientific and medical fields in Thailand.
- Present research work for the wider society at an international level.
- Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
- Have good morals and ethics in applying the knowledge to their occupation.
- Have responsibility and capability in working with different cultures in various situations.

Total Credits Required: 36

- Plan A: Coursework (24 Credits)/Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Major Required Courses

Nutrition, Applied Statistics and Research Methodology, Alternative Medicine, Music Therapy, Anti-Aging and Regenerative Science, Science of Hormones, Application in Anti-Aging Science, Basic Knowledge of Physiology of the Hormones, Prevention and Counselling for Aging Population, Laboratory in Anti-Aging and Regenerative Science Clinic 1-2, Basic Knowledge of Aesthetic Dermatology and Aging Skin Care, Supplementation in Anti-Aging and Regenerative Science, Basic Knowledge of Medicine for Health Practitioner, Basic Principle in Health Care and Sanitation, Seminar in Anti-Aging and Regenerative Science, Journal Seminar in Anti-Aging and Regenerative Science

Major Elective Courses

Sport and Exercise, Life Style for Optimal Health, Occupational and Environmental Effect to the Human Body, Workshop and Hand on for Anti-Aging Scientist, special Topic for Anti-Aging Scientists

Master of Science in DERMATOLOGY

117,000 Baht per semester
468,000 Baht per programme

The Master of Science Programme in Dermatology aims to create competent, potential and leading doctors, who conduct research on clinical dermatology and dermatological science. This will lead to gaining newfound knowledge from research, which will be beneficial to the country.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge in conducting research in medical science.
- Present research work for the wider society at an international level.
- Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
- Have good morals and ethics in applying knowledge to their occupation.
- Have responsibility and capability in working with different cultures in various situations.

Total Credits Required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 credits)
Thesis (12 Credits)

Available Courses

Seminar in Dermatology, Journal Seminar in Dermatology, Applied Statistics and Research Methodology

Major Required Courses

Dermatologic Clinic 1-4, Dermatologic Case Seminar, Dermatologic Research Journal Seminar, Microscopic Dermatology, Cosmetic Science and Cosmetic Dermatology, Cosmetic Dermatology Clinic, Anti-Aging Clinic, General Clinical Dermatology 1-2, Applied Statistics and Research Methodology

Major Elective Courses

Cosmetics Surgery, Anti-aging Medicine, Contact Dermatitis and Occupational Skin Diseases Clinic, Special Topic for Dermatologists, Workshop and Hand on for Dermatologists, Sport and Exercise

Doctor of Philosophy in ANTI-AGING AND REGENERATIVE MEDICINE

Plan 1.1 and 2.1: 143,600 Baht per semester
858,000 Baht per programme
Plan 2.2: 143,600 Baht per semester
1,430,000 Baht per programme

The Doctor of Philosophy Programme in Anti-Aging and Regenerative Medicine aims to create competent, potential and leading doctors, who conduct research on anti-aging and regenerative medicine and medical Science. This will lead to gaining newfound knowledge from research, which will be beneficial to the public health.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge in conducting research in medical science.
- Present the research work for the society at an international level.
- Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
- Have good morals and ethics in applying knowledge to their occupation.
- Have responsibility and capability in working with different cultures in various situations.
- Plan 1.1: Dissertation (48 Credits)
- Plan 2.1: Coursework (12 Credits)
Dissertation (36 Credits)
- Plan 2.2: Coursework (24 Credits)
Dissertation (48 Credits)

Core Courses

Anti-Aging and Regenerative Medicine, Physiology of Hormones, Anti-Aging Diagnostic and Therapeutic Intervention, Hormones, Anti-Aging and Regenerative Medicine Clinic 1, Nutrition, Life Style for Optimal Health

Major Required Courses

Applied Epidemiology and Bioethics, Advanced Anti-Aging Medicine, Seminar in Advanced Anti-Aging Medicine Research

Major Elective Courses

Advanced Homeopathy, Advanced Sport Medicine, Advanced Energy Medicine, Advanced Nutrition, Advanced Acupuncture, Advanced Medical Spa, Advanced Hormone Replacement, Advanced Toxicology and Chelation, Stem Cell Therapy

Doctor of Philosophy in ANTI-AGING AND REGENERATIVE SCIENCE

Plan 1.1: 143,600 Baht per semester
858,000 Baht per programme

The Doctor of Philosophy Programme in Anti-Aging and Regenerative Science aims to create competent, potential and leading scientists, who conduct research on anti-aging and regenerative science. This will lead to gaining newfound knowledge from research, which will be beneficial to medical science and public health.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge in conducting research in medical science.
- Present research for the wider society at an international level.
- Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
- Have good moral and ethical skills in applying knowledge to their occupation.
- Have responsibility and capability in working with different cultures in various situations.
- Plan 1.1: Dissertation (48 Credits)

Available Courses

Applied Epidemiology and Bioethics, Seminar in Advanced Anti-Aging Science Research, Advanced Anti-Aging Science

Doctor of Philosophy in DERMATOLOGY

Plan 1.1 and 2.1: 143,600 Baht per semester
858,000 Baht per programme
Plan 2.2: 143,600 Baht per semester
1,430,000 Baht per programme

The Doctor of Philosophy Programme in Dermatology aims to create competent, potential and leading doctors, who conduct research on clinical dermatology and dermatological science. This will lead to gaining newfound knowledge from research, which will be beneficial to the country.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge in conducting research in medical science.
- Present research for the wider society at an international level.
- Promote and develop the potential for research in Anti-Aging and Regenerative Science for the benefit of the country.
- Have good moral and ethics in applying knowledge to their occupation.
- Have responsibility and capability in working with different cultures in various situations.
- Plan 1.1: Dissertation (48 Credits)
- Plan 2.1: Coursework (12 Credits)
Dissertation (36 Credits)
- Plan 2.2: Coursework (24 Credits)
Dissertation (48 Credits)

Available Courses

Cosmetics Surgery, Dermatologic Clinic 1-4, Dermatologic Case Seminar, Dermatologic Research Journal Seminar, Anti-Aging Medicine, Contact Dermatitis and Occupational Skin Diseases Clinic, Microscopic Dermatology, General Clinical Dermatology 1-2, Applied Epidemiology and Bioethics, Seminar in Advanced Dermatologic Research, Advanced Anti-Aging Medicine, Advanced Contact Dermatitis and Occupational Skin Diseases, Advanced Cosmetic Dermatology, Electron Microscope in Dermatology, Advanced Paediatric Dermatology, Advanced Technology in Dermatologic Research







SCHOOL OF

COSMETIC SCIENCE

With the pride of being the first and foremost institution aimed at the study of cosmetics in ASEAN, this is the ideal School for students interested in this specialised field. All programmes have been designed to provide fundamental and advanced knowledge as well as skills in cosmetic science for students wishing to pursue careers in the cosmetic industry.

About the School

The School of Cosmetic Science offers study programmes at the undergraduate, graduate and doctoral levels. The curricula of all programmes have been designed to provide fundamental and advanced knowledge as well as skills in cosmetic science for students wishing to pursue careers in the cosmetic industry. In fact, the School of Cosmetic Science was the first institution offering this kind of study programme in Thailand, thus, it is an ideal place for students interested in this field.

Vision

With the pride of being the first and foremost institution aimed at the study of cosmetics in Thailand and ASEAN.

Research Interests

Biophysics evaluation of polysaccharide gel from durian fruit for skin moisturiser, oral malodor and active ingredients for treatment, clinical efficacy comparison of anti-wrinkle cosmetics containing herbal flavonoids, lipopeptides in cosmetics, chemical comparison and some functional properties of fish skin gelatin

Career Opportunities

Beauty consultant, business owner, spa management, researcher, scientist

International Collaboration and Activities

The School of Cosmetic Science has active collaborations with several high reputative cosmetic companies. This includes MoU's and invited lecturers in an attempt to develop the collaborative research and strengthen the academic ability of the School. Such activities are continuously supported by leading cosmetic companies such as, Shiseido (Japan) and Unilever Thai Holdings Limited.

Contact Information

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Bachelor of Science in BEAUTY TECHNOLOGY

36,400 Baht per semester
291,200 Baht per programme

The aim of this programme is to produce accomplished graduates with knowledge and skills in beauty technology. Graduates will be able to manage and conduct services in beauty technology with an insight into the profession, achieve knowledge of marketing and law, be able to integrate the knowledge to provide proper consultation and problem solving about beauty technology, and be professional with integrity and ethics.

Objectives:

After completing the programme, graduates will be able to:

- Have full knowledge regarding beauty and health, analyse and conduct research in areas related to the science of beauty and health.
- Become business owners or conduct their careers in the private beauty business with the capability to manage business and services for beauty technology.
- Be creative and apply their knowledge and experience in creating innovations for beauty and health.
- Be virtuous and have professional ethics.

Core Courses

Principles of Chemistry, Principles of Biochemistry for Health Sciences, Principles of Biology, Principles of Physics, Probability and Statistics, Human Anatomy and Physiology, Cosmetic Safety

Major Required Courses

Nutritional Cosmetics, Cosmetic Marketing, Cosmetic Laws and Ethics, Orientation to Beauty Technology, Herbs for Health and Aesthetics, Makeover, Personality Development, Hair Treatment, Design, and Removal Techniques, Thai Traditional Therapeutic Massage for Aesthetics, Spa and Spa Products, Body Treatment for Beauty, Principles of Cosmetic Formulation, Beauty Salon and Spa Management, Research Methodology in Beauty Technology, Advanced Technology for Beauty, Anti-Aging and Rejuvenation Medicine, Industrial Visit, Facial Treatment, Special Project, Seminar in Beauty Technology, Manicure and Pedicure, Professional Experience

Major Elective Courses

Exercise and Weight Control, Holistic Health Care and Alternative Medicine, Laser and Light-Based Systems for Beauty Technology, Music for Wellness, Biological Products for Beauty, Electrical Treatments for Beauty Therapy, Science and Beauty, Cosmetic Products for Beauty Technology, Packaging Technology for Cosmetic Products, Advanced Make-up and Hair Design

Bachelor of Science in COSMETIC SCIENCE

36,400 Baht per semester
291,200 Baht per programme

The Bachelor of Science Programme in Cosmetic Science has been designed to produce graduates with knowledge, competence and professionalism in cosmetic science as well as having true comprehension regarding a cosmetic career. Graduates will be academically and ethically proficient in cosmetic research and development, formulation, quality control, management and laws. This programme encourages the knowledge of proper consultation and resolution of cosmetic problems. It also produces qualified cosmetic chemists to conduct their professions in supervisory roles in cosmetics.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge and competency of cosmetic raw materials, formulation, quality control, laws and marketing.
- Integrate the knowledge of academic research and development, production, quality assurance and cosmetic consumer consultation.
- Become a professional cosmetic chemist embodied with morals and ethics.

Core Courses

General Chemistry 1-2, Principles of Analytical Chemistry, Principles of Organic Chemistry, Principles of Biochemistry, General Biology 1-2, Mathematics 1, Statistics and Experimental Design, Human Anatomy and Physiology

Major Required Courses

Introduction to Cosmetic Science, Colloids and Interface science for cosmetics, Cosmetic Safety, Nutritional Cosmetics, Microbial Toxicology and Biochemistry in Cosmetics, Cosmetic Marketing, Aromatic Science, Cosmetic Science for Hair Care, Cosmetic Science for Skin Care, Colour Cosmetic Science, Research Methodology in Cosmetic Science, Industrial Visit, Professional Experience, Cosmetic Laws and Ethics, Evaluation of Cosmetic Products, Cosmetic Innovation, Seminar in Cosmetic Science, Special Project

Major Elective Courses

Statistics and Research Method for Business, Organisation and Management, Business Venture and Entrepreneurship, Natural Products in Cosmetics, Herbal Cosmetic Products, Clinical Trials of Cosmetic Products, Polymer in Cosmetics, Nanotechnology and Delivery System for Cosmetics, Biotechnology in Cosmetics Science, Animal Tissue Culture in Cosmetic Science, Microbial Products for Cosmetic Application, Biomolecules in Cosmetics, Probiotics and Prebiotics, Instrument and Process in Cosmetic Manufacturing, Research and Development of Cosmetic Formulation

Master of Science in COSMETIC SCIENCE

71,500 Baht per semester
286,000 Baht per programme

The Master of Science Programme in Cosmetic Science has been designed to create skilful and professional experts in cosmetic science. Graduates will be academically and ethically proficient in carrying out activities in formulation, research, and development, including in the quality control of cosmetics. This programme produces qualified cosmetic chemists ready to conduct their professions in supervisory roles in cosmetics.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge and skills in cosmetic science in terms of formulation, quality control, marketing and research of cosmetics.
- Conduct supervisory roles analysing academics and ethics as cosmetic science specialists.
- Become a professional cosmetic chemist.
- Incorporate cosmetic research and development professionally and efficiently for the benefit of the country.
- Appropriately apply morals and ethics in cosmetics for their aspiring careers.

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)
Thesis (12 Credits)
- Plan B: Coursework (36 Credits)
Independent Study (3 Credits)

Major Required Courses

Applied Statistics and Research Methodology, Cosmetic Formulation 1-2, Cosmetic Active Analysis, Cosmetic Product Evaluation 1-2, Seminar 1-2

Major Elective Courses

Entrepreneurship and Business Ventures, Ethics and Business Environment, Technology and Operations Management, Professional Make-up Application, Herbs for Health and Beauty, Advanced Polymer in Cosmetics, Advanced Biotechnology in Cosmetics Science, Special Topics in Polymer for Cosmetics, Histochemistry and Cell Culture for Cosmetics, Transport and Transduction of Biomolecules in Cosmetic Products, Toxicology and safety of cosmetic products, Current Topics in Cosmetic Science

- Plan B: Coursework (36 Credits)
Independent Study (3 Credits)

Major Required Courses

Advanced Cosmetic Science for Skin, Advanced Cosmetic Science for Hair and Nail, Advanced Cosmetic Science for Aromatherapy and Spa, Advanced Cosmetic Science for Colour and Make-up

Doctor of Philosophy in **COSMETIC SCIENCE**

84,500 Baht per semester
507,000 Baht per programme

The Doctor of Philosophy Programme in Cosmetic Science is devoted to creating skilful and professional experts in cosmetic science and become proficient in carrying out activities in their specific research area. Graduates will be academically and ethically sound in the formulation, research, and development, including in the quality control of cosmetics. This programme produces qualified cosmetic chemists ready to conduct their professions in supervisory roles in cosmetics.

Objectives:

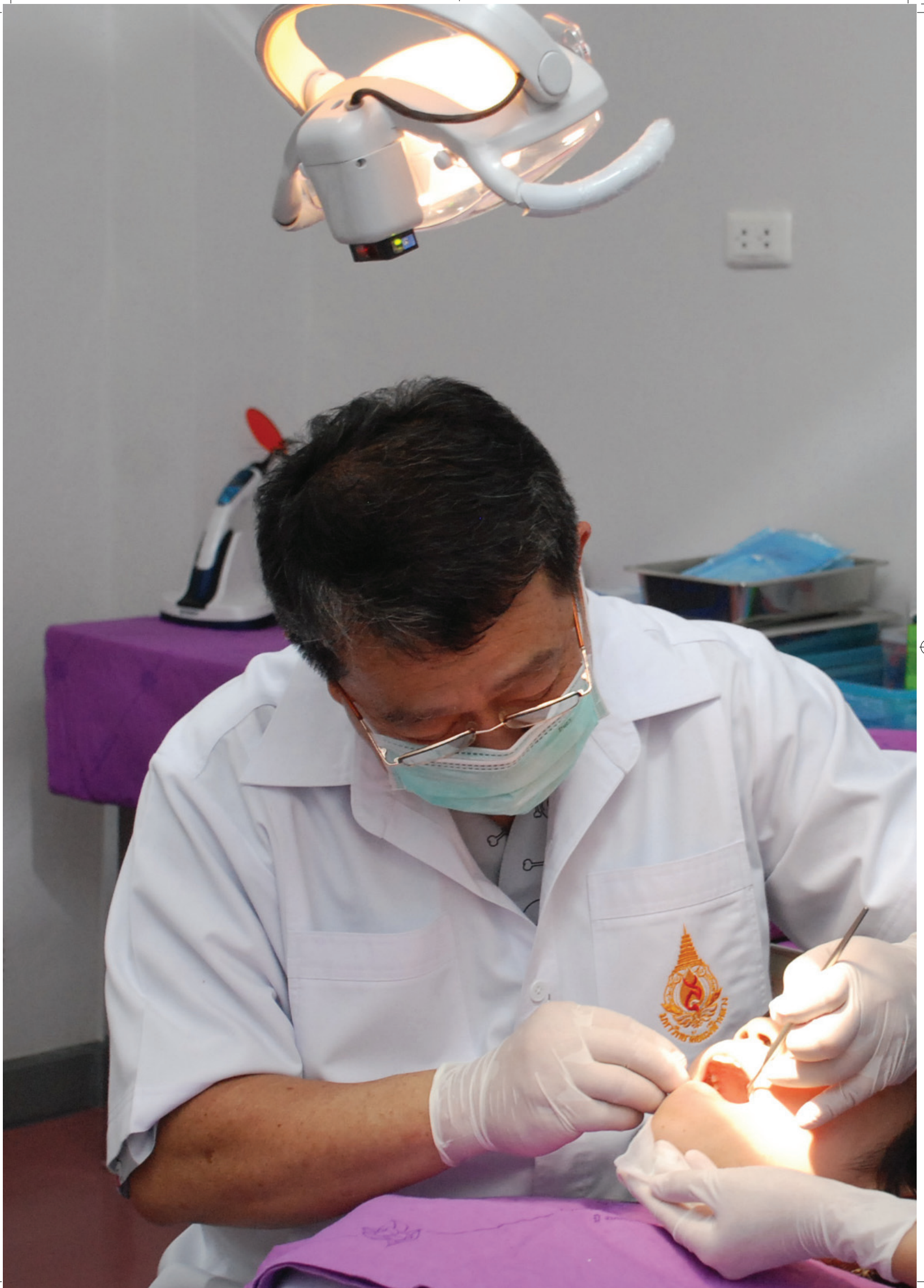
After completing the programme, graduates will be able to:

- Have the knowledge and skills in research and development, production, quality control and assurance, including the marketing of cosmetics.
- Have aspirations regarding the implications of cosmetic science for a professional career, strengthening the effectiveness of the country's achievements.
- Be a professional cosmetic chemist embodied with morals and ethics.
- *Plan 1.1: Dissertation (46 Credits)*

Available Courses

Seminar in Advanced Cosmetic Science 1-3, Applied Statistics and Research Methodology, Selected Topics in Cosmetic Science





Doctor of

DENTAL SURGERY

50,000 Baht per semester
600,000 Baht per programme (6 year)

The Doctor of Dental Surgery Programme at Mae Fah Luang University is currently only open to students with Thai nationality. The fees represented here are only relevant for Thai students.

The doctor of dental surgery curriculum is a reflection of the responsibility to produce efficient, caring and ethical dentistry graduates with lifelong curiosity, self-directed learning and appropriate attitude towards dental science and dentistry, as well as dental health promotion, disease prevention and rehabilitation.

Students will be expected to develop their analytical skills systematically, make practical use of the acquired knowledge, communicate proficiently, possess leadership quality and base their practice on morality and ethics while at the same time placing a priority on public interest, contributing significantly to the society and be able to maintain themselves in the community.

Objectives:

To produce dentistry graduates with the following characteristics:

- Knowledge in four main aspects, science, general medicine, clinical medicine, and dental research, and the ability to apply the knowledge as suitable for professional work.
- Possessing skills in dentistry, passing evaluation tests of dental health professionals, expertise in diagnosis, treatment planning, monitoring, and treatment evaluation, in addition to basic oral care.
- Morals and professional morals, with public mind.
- Social and communal responsibility
- Excellent English communication skills

SCHOOL OF

DENTISTRY

About the School

The Doctor of Dental Surgery programme is devoted to producing educated and skilled graduates with a thirst for knowledge, self-discovery, abilities, and attitudes suitable for medical science and dentistry. Graduates should be knowledgeable in treatment, health promotion, disease prevention, rehabilitation, and should be able to perform examinations and analyses in a systematic matter. Graduates should also be able to communicate, apply their knowledge, have professional morals and ethics, have the characteristics of a leader, contribute to society, put the needs of the majority before their own, and provide dependability for the community and society.

Objective

To produce educated, high-quality, dentists with social morality and a mind for volunteer work in accordance HRH the Princess Mother's royal wish to "provide the people with good teeth".

Mission

To provide education dedicated to the production dentistry graduates for research, problem solving, and the development of new knowledge in both the area of dentistry and medical science.

Career Opportunities

The dental graduates can be a dentist in government and private clinical institutions/agencies/departments of medicine and public health or being employed either at their home country or abroad.

Approach to Education

Students who graduate with good grades will have the opportunity to study for higher education in either various dental fields of speciality or master or doctoral degree in graduate school of dental science or related fields.

Contact Information

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SCHOOL OF

HEALTH SCIENCE

Aiming to produce graduates in health sciences of high professional and ethical quality, and continuing to develop its teaching and research to surpass international standards. The School has been very active in developing programmes that combine the excellence of traditional knowledge and local wisdom with the most modern alternative techniques.

About the School

The School of Health Science was established in 2005 with its first programme, Applied Thai Traditional Medicine. Further new programmes have since been opened, with Sports and Health Science being the latest. The School has been very active in developing programmes to respond to the demands of students, parents, and employers. Currently the number of full time students is around 1,000.

Vision

The School of Health Science aims to produce graduates of high professional and ethical quality, and to continue to develop its teaching and research to meet international standards.

Research Interests

Health science, public health, community health, sports science, natural products development with examples such as: clinical assessment of the analgesic and anti-inflammatory property of tacca gel, studies of the effectiveness of Thai herbal medicine compression balls, effects of hydrotherapy in hemiplegics, effectiveness of exercise on an incline terrain on athlete acceleration.

Career Opportunities

Applied Thai traditional medicine practitioner in hospitals, clinics, health centres, spa businesses; teaching; research; public health expert employed by government, industry, or international organisations; industry consultant monitoring, controlling and managing industrial waste and pollution to meet international standards and local legislations; occupational health and safety officer or advisor for the private or public sectors; food or product safety assessment consultant; ergonomics advisor; physical therapist; exercise and personal trainer; sports team exercise specialist; coach or referee; health promotion and educationalist; public health management or policy development.

International Collaboration and Activities

The School of Health Science regularly welcomes health science experts and researchers who visit and give special lectures, or attend conferences and workshops. Mae Fah Luang University has signed several agreements that are active in regards to health science, such as for the teaching of Chinese medicine with the Guangzhou University of Chinese Medicine, in the field of Public Health with the University of Hawaii and other major universities around the world. There are regular activities that are conducted such as educational visits, student and faculty exchange, special lectures, conferences, research forums, all in which MFU and foreign academics take part, the cooperation and collaboration is mutual. Grants supporting faculty and students to participate in international academic activities and paper presentations are available from the University.

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*Bachelor of***APPLIED THAI TRADITIONAL MEDICINE**

36,400 Baht per semester
291,200 Baht per programme

This programme aims to produce health care graduates who are able to practice in all the four fields of Applied Thai Traditional Medicine, namely Thai Traditional Medicine (Thai traditional examination, diagnosis and treatment of diseases), Thai Traditional Pharmacy (the dispensing and production of Thai herbal medicine), Thai Traditional Massage (massage techniques to treat diseases as used in the Thai palace courts of old), and Thai Traditional Midwifery (Thai traditional care of pregnant women and babies during prenatal, delivery, and postnatal periods), whose practice in the treatment, prevention, health promotion and rehabilitation integrates the basic knowledge of modern medical science, and who practice within a strict ethical code of conduct.

Objectives:

After completing the programme, graduates will be able to:

- Practice Thai Traditional Medicine in all its fields (see above) with appropriate knowledge and skills.
- Apply the principles of modern medical science knowledge to the professional practice of Applied Thai Traditional Medicine effectively.
- Integrate other types of medical knowledge, such as alternative medicine, with ATM effectively.
- Use modern technology and languages for communication and keeping up to date with the world of health care.
- Practice with a high standard of professional ethics.

**This programme offered by the School of Health Science is taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*

Core Courses

Principles of Organic Chemistry for Health Sciences, Principles of Biochemistry for Health Sciences, Research in Health Science, Pharmaceutical Botany for Applied Thai Medicine, Pharmacognosy, First Aid, Radiology for Applied Thai Medicine, Anatomy and Physiology 1-2, Physical Examination and Diagnosis, Pathophysiology, Basic Microbiology Parasitology and Immunology, Laws and Ethics in Health Care System, Basic Pharmacology, General Surgery for Applied Thai Medicine, General Medicine for Applied Thai Medicine, Biostatistics

Major Required Courses

Midwifery, Practice in Midwifery, Thai Traditional Medicine 1-3, Thai Traditional Pharmacy 1-3, Thai Traditional Therapeutic Massage and Manipulation 1-3, Practice in Thai Traditional Medicine 1-2, Integrated Experiences in Applied Thai Medicine, Clinical Practice for Applied Thai Traditional Medicine 1-2, Practice in Thai Traditional Pharmacy 1-2, Practice in Thai Traditional Therapeutic Massage and Manipulation 1-2

Major Elective Courses

Food and Nutrition, Equilibropathy, Health Promotion, Applied Thai Traditional Medicine for Sports Injury, Naturopathy, Complementary and Alternative Medicine, Selected Topics in Applied Thai Traditional Medicine

*Bachelor of***PHYSICAL THERAPY**

36,400 Baht per semester
291,200 Baht per programme

This programme aims to produce qualified physiotherapists who are proficient in the assessment, diagnosis, treatment, prevention and rehabilitation of physical disabilities caused by either a disease or mobility restriction; the programme places emphasis on PT service development in the community, and on preparing students for potential employment abroad by enhancing their communication skills in foreign languages.

Objectives:

After completing the programme, graduates will be able to:

- Work in the physiotherapy assessment, diagnosis, treatment, prevention, correction and rehabilitation of physical impairments or disabilities, the effectiveness of which will have a positive impact on the patient's physical and mental health.
- Apply physical therapy knowledge to people with a physical or mobility impairment appropriately and holistically.
- Practice physical therapy with professional ethics.
- Work in a multidisciplinary team, with good relationship and leadership skills.
- Continue their professional education by keeping up to date with new technologies, professional publications, or conducting research.
- Manage the individual and community health in a proactive and integrative way.
- Use English language for communication and learning.

**This programme offered by the School of Health Science is taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*



Core Courses

Principles of Chemistry, Principles of Biology, Principles of Physics, Pathophysiology, Gross Anatomy, General anatomy, Clinical Psychology, Physical Therapy Diagnosis, Human Physiology, Neuroscience, Swimming for Physical Therapy, Pharmacology for Physical Therapy, Professional Law and Ethics in Physical Therapy, Administration and Management for Physical therapy

Major Required Courses

Transfer and Ambulation Aids, Research in Health Science for Physical Therapy, Human Biomechanics 1-2, Clinical Practicum in Physical Therapy 1-6, Physical Modality 1-2, Manual Therapy 1-2, Physical Therapy in Musculoskeletal 1-2, Physical Therapy in Neurology 1-2, Physical Therapy in Cardiopulmonary 1-2, Therapeutic Exercise 1-2, Aquatic Exercise, Physical Therapy in Children, Physical Therapy in Woman and the Elderly, Physical Therapy in Sports, Physical Therapy in the Community, Special Project

Free Elective Courses

Equilibropathy, Applied Thai Traditional Medicine for Sports Injury, Tobacco and Physical Therapy, Spa Therapy, Health Systems



Bachelor of PUBLIC HEALTH

29,250 Baht per semester
234,000 Baht per programme

Public Health is a basic importance for the health and quality of life of all in society, including the general and at-risk population. Public Health personnel work in a multidisciplinary team to apply the knowledge of health sciences to promote good health, change health-risk behaviour, manage the environment, and prevent diseases. All of these disciplines save lives, and reduce health risk factors. The Bachelor of Public Health Programme offers three distinct majors, as follows:

Objectives:

General course objectives

After completing the programme, graduates will be able to:

- Have the knowledge and experience required of public health professionals, being able to identify and manage public health problems to achieve an improvement in the health of the population, particularly of those at risk, by using appropriate tools, techniques and technology, and practice with a high ethical standard.
- Use their knowledge and experience to work effectively in health promotion, changing health-risk behaviour, for both the at-risk and the general population.
- Effectively perform the surveillance, investigation, control and prevention of diseases and to solve other public health problems.
- Manage the environment to reduce health risks and promote safety.

Core Courses

Principles of Biochemistry for Health Sciences, Research in Health Science, Health Economics, Introduction to Public Health, Public Health, Microbiology, Public Health Administration, Professional Ethics in Public Health, Biostatistics, Health Education and Behavioural Science, Principles of Epidemiology

Major Required Courses

Principles of Chemistry, Pathophysiology, Anatomy and Physiology 1-2, Mental Health, Public Health Parasitology, Oral Health, Principles of Health Promotion, Public Health Virology and Immunology, Occupational Health and Safety, Infectious Disease and Control, Noninfectious Disease and Prevention, First Aid, Public Health Pharmacy, Emerging Disease and Control, Family Health, Environmental Health, Public Health Nutrition, Principles of Immunisation, Community Health, Public Health Law and Forensic Medicine, Field Training

Major Elective Courses

Thai Folk Medicine, Public Health Behavioural Science, Principles of Illness Prevention, Principles of Medical Laboratory Analysis, Consumer Protection in Public Health, Medical Sociology and Medical Anthropology, Health Counselling, Field Epidemiology, Principles of Physical Examination, Principles of Child Health Promotion, Principles of Geriatrics Health Promotion, Principles of Disability Health Promotion, Exercise for Health, Seminar, Laws and Legislations in Environmental Health, Occupational Health and Safe, Clean Technology, Industrial Sanitation and Hygiene, Industrial Health Promotion and First Aid, Industrial Safety Management

Bachelor of Science in ENVIRONMENTAL HEALTH

39,000 Baht per semester
312,000 Baht per programme

This programme aims to produce graduates who have expert knowledge and skill in pollution prevention, environmental sanitation and concerned environmental factors affecting human health

Objectives:

After completing the programme, graduates will be able to:

- Become an Environmental officer who can work both in government, private and international organisations.

* This programme is taught mainly by Student Center Learning (SCL) method and field learning.

* Learning conversational Thai language before studying this programme is recommended.

Core Courses

General Chemistry, Principles of Analytic Chemistry, Principles of Biochemistry for Health Science, Principles of Organic Chemistry, Principles of Biology, Principles of Physics, Mathematics, Public Health Administration (specifically on Environmental planning and project management), Human Anatomy and Physiology, Biostatistics, Health Education and Behavioral Science, Principles of Epidemiology, Environmental Microbiology and Parasitology, Occupational Safety, Health and Environment, Research in Health Science for Environmental Health, Health and Environmental Economics

Major Required Courses

Introduction to Environmental health, Communicable and Non-Communicable Disease, Principles of Toxicology, Solid and Hazardous Waste Management, Rodent and Vector Control, Sewage and Human Excreta Management, Food Sanitation and Safety, Water and Wastewater Analysis, Water Supply, Wastewater Treatment, Operation and Control, Air and Noise Pollution and Control, Environmental and Health Impact and Risk Assessments, Laws and Legislations in Environmental Health, and Occupational Health and Safety

Major Elective Courses

Introduction to Environmental Engineering, Clean Technology, Industrial Sanitation and Hygiene, Energy and Environment, Disaster management and Environmental Health

Bachelor of Science in OCCUPATIONAL HEALTH AND SAFETY

39,000 Baht per semester
312,000 Baht per programme

This programme aims to produce graduates who have the knowledge and qualifications to be a professional level safety officer, being able to identify, assess and manage health risks in the workplace, by using appropriate tools, techniques and technology, so that they are able to work in the fields of either occupational health and safety with professional competence.

Objectives:

After completing the programme, graduates will be able to:

- Use the knowledge, experience, and technology to manage problems of work-related health and safety
- Assess health risks in the workplace
- Manage problems in workplace in order to increase safety and reduce the health risks of worker

Core Courses

General Chemistry, Principles of Analytic Chemistry, Principles of Biochemistry for Health Science, Principles of Organic Chemistry, Principles of Biology, Principles of Physics, Mathematics, Microbiology, Human Anatomy and Physiology, Biostatistics, Health Education and Behavioral Science, Principles of Epidemiology, Research in Health Science for Occupational Health and Safety

Major Required Courses

Occupational Toxicology, Fundamental of Industrial Hygiene, Ergonomics, Industrial Ventilation, Principles of Occupational Medicine, Safety at work, Industrial Hygiene Sampling and Analysis, Fire Prevention and Protection, Risk Assessments and Management, Industrial Safety, Industrial Hygiene and Safety Practice, Occupational Health, Safety and Workplace Environment Legislation, Industrial Safety Engineering, Environmental and Health Impact and Risk Assessments, Industrial Environmental Management, Industrial Health Promotion and First Aid, Air Pollution Control Engineering

Major Elective Courses

Occupational Health and Safety Administration, Health Economics for Occupational Health, Industrial Process and Hazard, Fluid Mechanics for Industrial Hygiene, National and International Standard for Quality, Environment, Occupational Safety and Health Management System, Chemical Emergency Response Management Techniques

Bachelor of Science in SPORTS AND HEALTH SCIENCE

28,080 Baht per semester
224,640 Baht per programme

This programme aims to produce graduates who have expert knowledge and skills in the analysis, and planning strategies of athletes' training by applying the theoretical knowledge of sports science and health science, so that they are able to work in the fields of either sports or health, with professional integrity and ethics.

Objectives:

After completing the programme, graduates will be able to:

Work as an athlete trainer.

- Apply their knowledge, training and experience to work in the field of health promotion in either the public or private sector.
- Apply knowledge of alternative medicine to enhance health promotion and athlete's performance.

** Learning conversational Thai language before studying this programme is recommended.*

Core Courses

Principles of Chemistry, Principles of Biology, General Physics 1, Research in Health Science, Introduction to Sports Science, Exercise and Sports Psychology, Human Body System and Exercise Physiology 1-2, Physical Fitness Testing and Training, Biomechanics in Sports

Major Required Courses

Equilibriopathy, Healthy Life Style, Sports and Thai Massage, Introduction to Public Health and Health Promotion, Kinesiology, Exercise for Health, Sports Training, Sports Injury, Planning and Design for Sports Training, Law and Sports Professional Ethics, Equipment and Sports Technology, Alternative Medicine for Sports and Health Science, Exercise and Sports Nutrition, Health Promotion Practicum, Sports Management, Health and Sports Products, Drugs Narcotics and Doping, Sports Practicum, Seminar in Sports Science

Major Elective Courses

Body Conditioning Training, Swimming and Water Safety, Thai Sports, Track and Field, Disability and Sports, Sports for Health, Racket Sports, Ball Games

Bachelor of TRADITIONAL CHINESE MEDICINE

78,000 Baht per semester (8 semesters);
plus 26,000 (for retaining status)
650,000 Baht per programme

Chinese Language Foundation classes:
39,000 Baht per semester (2 semesters)

This program produces graduates who received an exemplary education in all aspects of Traditional Chinese Medicine allowing the graduate to provide acupuncture, herbal medicine, traditional massage and other techniques used in providing high quality care to patients.

Objectives:

After completing the programme, graduates will be able to:

- Understand, comprehend and use advanced Chinese medical theories including: acupuncture techniques, herbal medicine, massage techniques, dietary recommendations, holistic medical techniques, traditional exercises, and five element theory in Traditional Chinese Medicine (TCM) all of which are used in treating patients.
- Learn Qi Gong and Tai Ji Chuan techniques for self-cares as well as patient care.
- Identify and use herbs and herbal formulas to treat patients.
- Become proficient in Acupuncture theories and techniques.

Core Courses

Principles of Chemistry, Principles of Biology, Principles of Organic Chemistry for Health Sciences, Principles of Biochemistry for Health Sciences, Research in Health Science, First Aid, Anatomy and Physiology 1-2, Physical Examination and Diagnosis, Pathophysiology, Basic Microbiology Parasitology and Immunology, Basic Pharmacology, Thai Public Health System and Traditional Chinese Medicine, Law and Ethics in Traditional Chinese Medicine, Orthopedics for Traditional Medicine, Obstetrics-Gynecology for Traditional Chinese Medicine, Physics and Radiology for Traditional Chinese Medicine, General Medicine for Traditional Chinese Medicine, General Surgery for Traditional Chinese Medicine

Major Required Courses

Chinese for Traditional Chinese Medicine 1-2, Fundamental of Traditional Chinese Medicine, Traditional Chinese Medicine Diagnosis, Chinese Materia Medica 1-2, Basic Traditional Chinese Medicine Formulas, Acupuncture and Moxibustion 1-2, Traditional Chinese Medicine Formulas, Classical Literature of Traditional Medicine, Traditional Chinese Medicine Internal Medicine 1-2, Traditional Chinese Medicine Obstetrics and Gynecology, Traditional Chinese Medicine Pediatrics, Traditional Chinese Medicine Ophthalmology and Otolaryngology, Science of Processing Chinese Materia Medica, Tui Na, Traditional Chinese Medicine Orthopedics, Science of Authentication of Chinese Materia Medica, Traditional Chinese Medicine External Medicine, Health Promotion and Rehabilitation in Traditional Chinese Medicine, Clinical Practice in China, Clinical Practice in Thailand.

Major Elective Courses

Thihek and Qigong

Master of Science in PUBLIC HEALTH

52,000 Baht per semester
208,000 Baht per programme

(International Programme)

This programme aims to produce public health graduates who are suitably trained in academic, administrative and research skills in the present climate of globalisation; who are able to work effectively at national and international levels to ultimately improve the health and well-being of the population.

Objectives:

After completing the programme, graduates will be able to:

- Apply in practice the theoretical knowledge of health promotion, disease control and public health problem solving.
- Design and carry out research projects which are appropriate to each public health problem with creative and innovative ideas.
- Provide managerial skills and leadership to the running of public health organisations.
- Perform public health duties with professional ethics.
- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (30 Credits)/Thesis (12 Credits)

Major Required Courses

Epidemiology and Disease Control, Applied Biostatistics, Strategic Management for Health Systems, Behavioural Science and Health Education, Research Methods in Public Health, Environmental Health, Occupational Health and Safety, Public Health Field Training

Major Elective Courses

Disaster Management and Preparedness, Environmental Management and Development, Environmental Impact Assessment and Risk Assessment, Health Manpower Management and Development, Public Health Administration and Policy, Statistical Methods in Epidemiology, Management of Infectious Disease and Control, Social Epidemiology, Community Nutrition, Principles of Health Promotion, Health and Human Rights, Race, Ethnicity and Health, Natural Product Pharmacology, Ethno Botany, Public Health Seminar

Foundation Course

Public Health in the 21st Century







SCHOOL OF

INFORMATION TECHNOLOGY

MFU's fastest growing, multi-award winning School that aims to maintain and develop high quality graduates and researchers with world class abilities. Offering high-end, unique, multidimensional undergraduate and graduate programmes, developed and delivered by active practitioners of IT under the guidance of an internationally acclaimed panel of visionary leaders and innovators in the IT industry and advanced IT research, the School of IT at MFU welcomes all applicants who are ready for a challenge.

About the School

All of the programmes in the School of IT are combined with other complimentary subjects to equip students with all the tools needed for success. These tools include training in self-management, leadership and foreign languages. Additionally, there are extensive facilities for creative pursuits in the amazing high-tech and natural environment of MFU.

Vision

To maintain and develop high quality graduates and researchers with excellence in abilities, who can excel at both national and international standards.

Research Interests

The School of IT focuses on research in a broad range of ICT applications including: learning, business, agriculture, health and medicine. With particular interest in high impact and practical research, major research topics include: PBL, information engineering, AI, assistive technology for the elderly and the disabled, cloud services, ambient intelligence, embedded systems, and social network integration. Major research groups are established with associated laboratories, collaborating with industries and organisations. Our research laboratories are fully equipped with high quality instruments and experienced staff, including research assistants. Eventually, we aim to become a research leader in ICT innovations for industries and communities.

Career Opportunities

Web and application designer/programmer/administrator, systems analyst, software designer/developer/programmer/project manager/configuration manager, database designer/developer/administrator, graphics designer/ animator, game designer/ programmer, telecommunication and computer network administrators, telephone and cellular engineer.

International Collaboration

The School of IT has international collaboration with many foreign institutions, including: Aalborg University, Denmark; Souphanouvong University, Lao PDR; Texas Tech University, USA; Waseda University and Tama University, Japan; Regina University, Canada; Group T International College, Belgium; the Association of Thai Professionals in America and Canada; La Rochelle University, France.

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Bachelor of Engineering in COMPUTER ENGINEERING

29,250 Baht per semester
234,000 Baht per programme

This programme intends to develop international-quality graduates in computer engineering that have specific knowledge in designing, planning, applying, creating, and maintaining computer and information systems, including both hardware and software. In addition to the academic knowledge, the graduates are also full of merit, morality, ethics, and have an awareness of environmental and energy conservation, which leads to long-term sustainable development.

Objectives:

After completing the programme, graduates will be able to:

- Gain knowledge and the capability both theoretically and practically in computer engineering at an international level and have the technical expertise in design and planning to apply in the building and maintenance of both hardware, software and computer systems.
- Have the knowledge and capability of computer hardware and software, design of embedded systems, as well as in the application of computer systems for industry.
- Have the knowledge and capability both of embedded systems and the ambient intelligent environment.
- Have the initiative and capability of independent study and continuous research.
- Produce creative engineering works to be a technology industry leader.
- Have interpersonal relations and be able to work with others effectively.
- Have morals, ethics and professional ethics, have responsibility towards the community, society and country.
- Have awareness of energy conservation and the environment.

Core Courses

Principles of Physics, Mathematics 1-2, Discrete Mathematics, Probability and Statistics, Computer Programming, Engineering Drawing, Electric Circuit Analysis, Fundamental Electronics, Electric Circuits and Electronics Laboratory, Digital and Computer Systems Laboratory, Digital Circuit and Logic Design, Microprocessor and Assembly Language

Major Required Courses

Data Communications and Networks, Operating Systems, Data Structures and Algorithms, Computer Architecture, Object-Oriented Programming, Database System, Computer Networks, Introduction to Software Engineering, Computer Engineering Application, Special Project in Computer Engineering, Network System Security, Microprocessor Applications, Senior Project 1-2, Seminar in Computer Engineering, Co-operative Education, Parallel Processing

Major Elective Courses

Embedded Systems, Embedded Application, Ambient Intelligence, Real Time Operating System, Open Architecture and Environment, Sensors and Sensor Networks

Bachelor of Engineering in INFORMATION AND COMMUNICATION ENGINEERING

29,250 Baht per semester
234,000 Baht per programme

This programme is designed to foster and develop graduates to be experts in the field of information and communication engineering at an international level. Graduates will have skills in designing, planning, applying, creating, synthesising, and maintaining the communication networks, computer networks, and information systems. In addition, graduates will be full of merit, morality, and professional ethics, which lead to sustainable development.

Objectives:

After completing the programme, graduates will be able to:

- Gain knowledge and capabilities both theoretically and practically in world class technology and communications including design, planning applications, usage and maintenance.
- Obtain knowledge and abilities in communication systems, communication network, data management and communication and data security.
- Acquire knowledge and capabilities in both wired and wireless communication systems.
- Place emphasis on the moral ethics of professional responsibility of the community, society and nation.
- Have the initiative and capability of independent study and continuous research.
- Produce creative engineering works to be a technology industry leader.
- Have interpersonal relations and be able to work with others effectively.
- Have morals, ethics and professional ethics, have responsibility towards the community, society and country.
- Have awareness of energy conservation and the environment.

Core Courses

Principles of Physics, Mathematics 1-2, Discrete Mathematics, Probability and Statistics, Computer Programming, Engineering Drawing, Electric Circuit Analysis, Fundamental Electronics, Electric Circuits and Electronics Laboratory, Digital and Computer Systems Laboratory, Digital Circuit and Logic Design, Principles of Communication

Major Required Courses

Data Communications and Networks, Object-Oriented Programming, Database System, Computer Networks, Network System Security, Information and Communication Engineering Applications, Special Project in Information and Communication Engineering, Fundamentals of Linux Operating System, Telecommunication Systems, Communication Devices and Circuits, Microcontroller for Communication, Signal and Systems, Digital Signal Processing for Communication Systems, Senior Project 1-2, Co-operative Education, Seminar in Information and Communication Engineering

Major Elective Courses

Mobile Application Development 1, Introduction to Cloud Computing, Distributed Data Storage, Short Range Wireless Network, Modern Communication Technology, Multimedia Communication, Routing Protocols, IP Network Design, Optical Communications, Wireless Communication

Bachelor of Science in COMPUTER SCIENCE

29,250 Baht per semester
234,000 Baht per programme

The principal emphasis of this programme is to produce world-class graduates in computer science with excellent academic knowledge, creative thinking, and the ability to analyse problems, especially in the areas of computer networks, data communications, and software engineering, and to enhance the morality of the graduates along with professional ethics to perform in any organisation that leads to the sustainable development of the country.

Objectives:

After completing the programme, graduates will be able to:

- Obtain fundamental and state-of-the-art knowledge in Computer Science, become proficient in theoretical basis, core algorithms and computer-based innovations.
- Acquire knowledge with hands-on experience, and become all-around professionals in mobile application development and cloud computing.
- Improve initiative, creative, enthusiastic and independent learning skills.
- Analyse, manage and solve problems systematically, and work well as part of a team.
- Emphasise morality, professional ethics and responsibility to the community, society and the nation.

Core Courses

Mathematics 1-2, Discrete Mathematics, Probability and Statistics, Numerical Methods, Computer Science Workshop 1-2

Major Required Courses

Human and Computer Interaction, Data Communications and Networks, Data Structures and Algorithms, Computer Programming, Operating Systems, Computer Architecture, Algorithms Analysis and Design, Network Programming, Mobile Application Development 1, Introduction to Cloud Computing, Object-Oriented Programming, Object-Oriented Analysis and Design, Software Engineering, Database System, Introduction to Artificial Intelligence, Computer Graphics, Senior Project 1-2, Seminar, Laws and Ethics for Information Technology

Major Elective Courses

Mobile Application Development 2-3, Wireless Communication, Distributed Data Storage, Data Warehousing and Mining Technology, Web Programming, Computer Systems Security, Selected Topics in Computer Science 1-3, Co-operative Education

Bachelor of Science in INFORMATION TECHNOLOGY

29,250 Baht per semester
234,000 Baht per programme

The principal emphasis of this programme is to develop the independent learning skills of graduates to be capable of managing modern information and technology and applying their knowledge to benefit the local and national communities, particularly in supporting industrial applications and business support.

Objectives:

After completing the programme, graduates will be able to:

- Acquire basic knowledge of information technology and information management and have skills in designing and developing computer software to support enterprises.
- Design and create business application systems properly.
- Gain better understanding of business processes as a foundation for the development of business applications.
- Enhance cooperation between the business and computer departments and manage information technology projects effectively.
- Improve independent learning skills and motivate graduates to be lifelong learners.
- Emphasise morality, responsibility, interpersonal relations and ability in communication and cooperation.

Core Courses

Mathematical Logic and Proof Techniques, Probability and Statistics, Human and Computer Interaction, Mathematics for Information Technology 1-2, Information Security, Computer Programming, Object-Oriented Programming, Web Programming

Major Required Courses

Information Technology Workshop 1-2, Industrial Management, System Analysis and Design, Data Communications and Networks, Business Information System Design, Management Information Systems, Information Technology Project Management, Information Technology Entrepreneurship, Information Technology Service Management, Business Modelling and Simulation, Senior Project 1-2, Digital Marketing, Laws and Ethics for Information Technology, Seminar, Co-operative Education, Data Structures and Algorithms, Database System

Major Elective Courses

Principles of Accounting, Information Retrieval, Mobile Programming, Selected Topics in Information Technology 1-2, Multimedia Technology, Business Intelligence, Operating Systems, Software Engineering, Advance Database Systems, Computer Networks, Introduction to Artificial Intelligence, Computer Graphics, Advance Software Engineering, Web Design and Development

Bachelor of Science in MULTIMEDIA TECHNOLOGY AND ANIMATION

32,500 Baht per semester
260,000 Baht per programme

The principal emphasis of this programme is on computer animation development, multimedia applications and graphics design theory. The course is an integration of three related majors including computer animation, mobile application, and computer games. Graduates will be experts in software development and design of toolsets for information technology and computer games.

Objectives:

After completing the programme, graduates will be able to:

- Have a wide knowledge regarding technology, multimedia and animation.
- Have obtained abilities in multimedia computer technology, including animation and media production, web design and development, creating software for portable devices and creating computer games.
- Become experts in both theory and practice in digital media design.
- Have an emphasis on morality, professional ethics and responsibility to society.

Core Courses

Principles of Physics, Mathematics for Information Technology 1, Mathematics for Information Technology 2, Multimedia Technology, Computer Programming, Art Composition, Basic Drawing, History of Art and Design, Film and Video Production, 2D Design and Animation, 3D Design and Animation

Major Required Courses

Object-Oriented Programming, Computer Graphics and Design, Computer Game Concept Design Basic, Digital Photography, Web Design and Development, Film and Video Post-Production, 3D Texturing, Lighting and Rendering, Mobile Application Development, Multimedia Project Management, Senior Project 1, Multimedia Design Portfolio, Senior Project 2, Seminar, Co-operative Education, Laws and Ethics for Information Technology

Major Elective Courses

Data Communications and Networks, Management Information Systems, Information Technology Project Management, Information Retrieval, Digital Marketing, Operating Systems, Data Structures and Algorithms, Computer Architecture, Database System, Computer Networks, Introduction to Artificial Intelligence, Web Programming, Computer Graphics, Script Writing and Story boarding, Advanced 2D Animation, Character Design, Digital Painting, Typography, Digital Illustration, Desktop Publishing Design, Packaging Design, Advanced Digital Photography, 3D Animation, Advanced 3D Modelling, Advanced 3D Texturing, Lighting and Rendering, 3D Visual Effects, 3D Dynamics for Visual Effects, Advanced 3D Animation, Interactive Design, Multimedia Design, Advanced Game Design and Production, Computer Simulation, Virtual Reality, Advanced Game Programming, Game Artificial Intelligent Concepts, Selected Topics in Multimedia and Animation, Film Composition, Sound Design, Film Theories, Image Processing

Bachelor of Science in SOFTWARE ENGINEERING

29,250 Baht per semester
234,000 Baht per programme

The principal emphasis of this programme is to develop graduates with an academic knowledge of software engineering, including software system analysis, design, development and quality control at an international level, as well as development of ethics and professionalism in their field with responsibility to the society.

Objectives:

After completing the programme, graduates will be able to:

- Have acquired knowledge of software production, theory of software, the structure of software and software management.
- Be proficient in applying academic knowledge to create new software, develop existing software, meet the user's requirements under budget and deliver in the time frame expected.
- Emphasise morality, professional ethics and responsibility to society.

Core Courses

Probability and Statistics, Mathematics for Information Technology 1-2

Major Required Courses

Human and Computer Interaction, Management Information Systems, Computer Programming, Operating Systems, Data Structures and Algorithms, Computer Architecture, Object-Oriented Programming, Object-Oriented Analysis and Design, Database System, Web Programming, Introduction to Software Engineering, Software Architecture, Software Requirement Specification and Management, Software Configuration Management, Enterprise Application Architecture, Individual Software Programming and Unit Testing Workshop, Team Software Programming and System Testing Workshop, Software Testing, Software Process and Quality Assurance, Software Project and Risk Management, Enterprise Software Programming and Integration Testing Workshop, Software Construction and Evolution, Senior Project 1-2, Seminar in Software Engineering, Software Engineering Case Studies, Co-operative Education, Laws and Ethics for Information Technology

Major Elective Courses

Data Communications and Networks, Information Retrieval, Mobile Programming, Information Security, Multimedia Technology, Digital Marketing, Network Programming, Advance Database Systems, Introduction to Artificial Intelligence, Database Application Development, Data Warehousing and Data Mining, Selected Topics in Software Engineering 1-2, Computer Graphics and Design, Computer Game Concept Design Basic, Expert System, Pattern Recognition and Vision, Image Processing, Machine Learning, Natural Language Processing, Wireless Communication

Master of Engineering in COMPUTER ENGINEERING

Plan A1: 45,500 Baht per semester
182,000 Baht per programme
Plan A2: 52,000 Baht per semester
208,000 Baht per programme

With an approach to the social and economic development of Thailand and countries around the world, this programme focuses on applying knowledge along with technology as the basis for development to support the change from an information society to a knowledge society, focusing on the information and communication technologies as a key factor. Computer and digital technology has become the foundation needed for equipment and technology in the social and economic development of countries around the world. In Thailand, the current policy of reforming the public sector, industrial enterprises and other businesses is based on digital technology and computers. Institutions are required to produce high-level computer engineers. The aim of the School of Information Technology is to produce computer engineers skilled in terms of research, analysis and problem solving in technical terms, including computer engineering and digital technologies as a response to the changes of nation, industrial enterprises and other businesses based on digital technology and computers.

Objectives:

After completing the programme, graduates will be able to:

- Have acquired academic knowledge in Computer Engineering.
- Have improved initiative, creative, enthusiastic and independent learning skills.
- Produce creative engineering works to be a technology industry leader.
- Have interpersonal relations and work with others effectively.
- Have morals, ethics and professional ethics, have responsibility towards the community, society and country.

Total credits required: 36

- Coursework (24 Credits)/Thesis (12 Credits)

Available Courses

Mathematics for Computer Engineering, Probability and Stochastic Process, Technical Writing and Research Methodology, Experimental Designs and Analyses, Seminar, Embedded System Concept, Embedded System Design, Interfacing and Mixed-Signal Systems, Intelligent Control Systems, Integrated Circuit for Interfacing, Computer Networks, Ubiquitous Computing, Security of Database and Application, Sensors and Sensor Networks, Programming for Distributed and Open Environment, Context Aware Computing, Digital Signal Processing, Digital Image and Video Processing, Machine Vision, Pattern Recognition, Computer Simulation, Computer Visualisation, Selected Topics in Computer Engineering 1-2

Master of Science in INFORMATION TECHNOLOGY

Plan A1: 25,000 Baht per semester
100,000 Baht per programme
Plan A2 and B: 40,000 Baht per semester
160,000 Baht per programme

The Master of Science Programme in Information Technology is designed to provide an intensive education in the management of information technology. It coordinates with the theoretical foundations of information technology, the applied practice, and the use of knowledge to solve practical problems. These can be achieved through formal lectures in multimedia projection systems, modern laboratories, and joint projects with industry. The aim is to produce effective professionals, information technologists, who will be serving the rapid growth of the IT industry in Thailand, and to support the cooperation in the information technology among ASEAN countries.

Objectives:

After completing the programme, graduates will be able to:

- Have a quality standard of knowledge and skills in information technology.
- Have theoretical and practical knowledge in information systems in order to meet both public and private needs.
- Have the ability to analyse, design and develop an information system by using modern technologies such as database technology, networking technology and website technology.
- Have the ability to study and / or conduct research in information technology.
- Have good communication skills in English language and have leadership skills.
- Have an appreciation of ethical values and social responsibility.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)/Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Major Required Courses

English Communication Skill and Leadership, Database Technology and Data Warehousing, Advanced System Analysis and Design, Ubiquitous Technology, Information Technology Research Methodology, Management Information Technology, Seminar

Major Elective Courses

Artificial Intelligence, Information Technology Project Management, E-business Management, Software Engineering, Web Application Development, Data Mining, Cloud Computing and Application, Information Security, Statistics for Research, Selected Topics in Information Technology 1-2

Doctor of Philosophy in COMPUTER ENGINEERING

Plan 1.1 and Plan 2.1: 40,000 Baht per semester
270,000 Baht per programme
Plan 2.2: 45,000 Baht per semester
450,000 Baht per programme

This programme intends to deliver doctorate level researchers, lecturers and engineers in the computer engineering field, to support the rapid changes in technology which is significantly affecting economic, social and environmental development. The graduates will have abilities in the research and development of new technologies or solutions to solve national and ASEAN engineering problems with appropriate ethics. The programme also cultivates students to have a sense of lifelong learning and technology follow-up especially in their related fields. In addition, the graduates will have skills in teaching, transferring and servicing appropriate academic contents to support sustainable development for the whole country.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and ability in computer engineering research and development.
- Develop core value components in innovations and intellectual properties.
- Create academic collaborations with foreign universities to research new knowledge or develop applied applications.
- Efficiently transfer knowledge and technologies.

- Plan 1.1: Dissertation (48 Credits)
- Plan 2.1: Coursework (12 Credits)
Dissertation (36 Credits)
- Plan 2.2: Coursework (24 Credits)
Dissertation (48 Credits)

Major Required Courses

Mathematics for Computer Engineering, Probability and Stochastic Process, Computer Engineering Research, Special Project Workshop

Major Elective Courses

Embedded System Design, Intelligent Control Systems, Sensors and Sensor Networks, Context Aware Computing, Pattern Recognition, Computer Simulation







SCHOOL OF

LAW

Regarded as the most up to date and well developed practice orientated Law School of the Subregion, instruction is given in such disciplines that are deemed important to the study of law with an interdisciplinary approach including subjects such as sociology, psychology, economics and politics. The School of Law aims to train graduates to be knowledgeable, have legal expertise in theory and practice, and to believe firmly in moral principles, legal justice and ethics of the profession.

About the School

The School of Law of Mae Fah Luang University was established in 2002 to serve the demand of legal education of the Subregion. Combining theoretical study and practical preparation with the narrowed legal specialisation in the four fields of laws, namely, business law, criminal justice, public law and international law, the School of Law has adopted new curricula since the year 2012.

Courses offered for both L.L.B. and L.L.M. curricula are tailored for the changes of regional law and the integration of the ASEAN community in the future. The new L.L.B. curriculum is distinctive in its incorporation of preclinical, clinical courses and internship varieties, which are compulsory for every law student.

Under the present administration, the School of Law relentlessly strives to become the regional legal education hub of the Greater Mekong Subregion.

Vision

The School of Law provides both theoretical study and practical preparation to prepare students for future legal professions, striving to become the regional legal education hub of the GMS.

**The programmes offered by the School of Law are taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*

Research Interests

Business law, public law, international law, criminal law

Career Opportunities

Lawyer, public prosecutor, judge, administrative public servant, private sector business entrepreneur, diplomat

- Public Law: Graduates can work as a public lawyer, an administrative officer, a judge of an Administrative Court or an officer in the Local Administration.
- Business Law: Graduates can work as a legal consultant in a private company, an attorney-at-law or an arbitrator.
- Criminal Law: Graduates can work as a policeman, a prosecutor or a judge.
- International Law: Graduates can work as a lawyer in the Ministry of Foreign Affairs, an officer in an international organisation or as a diplomat.

International Collaboration and Activities

Academic collaboration with the Faculty of Law and Political Science, National University of Laos, Lao PDR, Academic collaboration with the Northern Law College, Luang Prabang, Lao PDR, Clinical Legal Education in cooperation with Bridges Across Borders Southeast Asia and the HeLP Legal Services Clinic, College of Law, Georgia State University

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Bachelor of LAWS

26,000 Baht per semester
208,000 Baht per programme

This programme aims to produce graduates who have knowledge of the law, can respond to the needs of the legal profession, understand the rule of law and can meet the demand for legal services in both the public and private sectors of society.

Objectives:

After completing the programme, graduates will be able to:

- Apply laws as a legal professional in any specific field of law
- Apply the knowledge of law in both international and domestic contexts.
- Work as high quality, ethical and virtuous members of society.
- Be mindful of arts and cultural preservation.
- Produce research results.
- Provide academic services.

Major Required Courses

Foundation of Legal Principles, Law of Juristic Acts and Contracts, Law of Obligations, Law of Delicts, Property and Land Law, Family Law, Law of Succession, English for Lawyers 1, Legal Philosophy, Legal Profession, Labour Law 1, Law of Suretyships and Mortgage, Specific Contracts 1-2, Law of Insurance, Bankruptcy Law, Law of Partnerships and Companies, Law of Negotiable Instruments, Taxation Law, Criminal Law 1: General Principles, Criminal Law 2: Offences, Judicial System and Constitution of Courts of Justice, Law of Civil Procedure 1-2, Criminal Procedure Law, Law of Evidence, Constitutional Law, Administrative Law, Public International Law, Private International Law

Major Elective Courses

Legal Interpretation and Legal Reasoning, English for Business Lawyers, Medicine Laws, Energy Laws, Tourism Laws, International Taxation Laws, Laws for Hotel Business, Seminar on Civil and Commercial Law, Accounting for Lawyers, Introduction to Comparative Law, Principles of Islamic Law and Use of Islamic Law in Thailand, Labour Law 2, Electronic Transactions Law, Specific Contracts 3, Customs Law, Banking and Financial Institutions Law, Consumer Protection Law and Procedure, Investment Law, Industrial Law, Law of Intellectual Property, Seminar on Taxation Law, Law of Securities Exchange, Settlement of Commercial Disputes and Arbitration, Real Estate Business Law, Competition Law, Seminar on Business Law, Principles of Contract Drafting, Forensic Medicine, Criminal Investigation, Juvenile and Family Justice, Alternative Procedure Justice, Seminar on Civil Procedure Law, Seminar on Criminal Procedure Law, Criminology and Penology, Business Crime, Seminar on Criminal Law, Seminar on Law of Evidence, Seminar on Problems in Criminal Justice, Criminal Liability (Selected Acts), Social Welfare Law, Mass Communication Law, Constitutional Court and Procedure, Introduction to Public Economic Law, Local Administrative Law, Law on Inspection of Exercise of State Power, Seminar on Public Law, Electoral and Political Party Law, Administrative Court and Procedure, State Contracts, Administrative Procedure Law, Law on Public Information Access and Rights of Privacy, Public Finance Law, Environmental Law, Military Law and Laws on National Security, Parliament Law, Thai Legal History, International Economic Law, International Trade Law,

International Organization Law, European Union Law, ASEAN Law, Law of the Sea-Maritime Law, Air Law, Human Rights Law, International Criminal Law, International Humanitarian Law, International Environmental Law, Law of Treaties, Seminar on International Law, Moot Court and International of Justice, International Arbitration Law, International River Law, Regional Integration Law, Child Rights Law, Minority Rights Law, Space Law, Energy and Natural Resources Law, International Telecommunication Law, Legal History

Free Elective Courses

Legal Services and Social Justice, Legal Professional Experience, Moot Court

Master of LAWS

39,000 Baht per semester
156,000 Baht per programme

This programme aims to produce graduates who are proficient in the law and able to meet the legal demands of today's society. The graduates will have enhanced knowledge and a thorough understanding of the law and will have the ability to expertly research and analyse the law, while applying the virtues, ethics and knowledge gained from their study, all in order to perform at a high level of competence and professionalism as lawyers.

Objectives:

After completing the programme, graduates will be able to:

- Have an in-depth knowledge of laws and an expertise in the legal profession, which can be applied and used in pursuit of the graduate's specialised, professional choice of legal practice.
- Use and apply knowledge and skills of law in a career developing public and/or private organisations.
- Have the ability to study, think independently, research and analyse the law and have the ability to use and apply these skills in the pursuit of individual life goals and objectives.

Total credits required: 39

- Plan A1: Thesis (39 Credits)
- Plan A2: Coursework (24 Credits)/Thesis (15 Credits)
- Plan B: Coursework (33 Credits)
Independent Study (6 Credits)

Available courses

English Comprehension for Legal Research, Legal Research Methodology

Major Required Courses

Advanced Criminal Law, Advanced Public Law, Advanced Public Law, Advanced International Law

Major Elective Courses

Business Crime, International Criminal Law, Advanced Criminal Procedure, Advanced Forensic Science and Criminology, Advanced Business Law, Law on Business Organisations, Law on Intellectual Property, Comparative Commercial Law, Advanced Administrative Law, Advanced Electoral and Parliamentary Law, Law on Administrative Structure, Public Economic Law, Law on Public Services, Advanced Public Finance Law, Legal Philosophy, Comparative Law and Major Legal Systems of the world, Human Rights Law, Law on Regional Organisations, Alternative Dispute Resolution, Juvenile and Family Justice, Advanced Constitution and Political Institution Law, Comparative Bankruptcy Law, Advanced Labour Law, International Carriage Law, Law on Investment in Natural Resources, Economic Analysis of Law, Advanced Insurance Law, International Contract, International Economic Law, Advance Tax Law, Advanced Law on Evidence, Advanced Civil Procedural Law, Law on Environmental Management, Advanced Law on Real Estate, Legal System in ASEAN, Air and Space Law, International Trade Law, Telecommunication Law







SCHOOL OF

LIBERAL ARTS

Serving as the centre for excellence in the teaching of Thai and foreign languages, development studies and social sciences, there is no better place to gain the necessary expertise in such a broad array of disciplines and languages. The School employs the majority of MFU's foreign lecturers and boasts several collaborations with prestigious international institutions, reflecting the international focus and global vision of MFU.

About the School

The School of Liberal Arts was established pursuant to the Mae Fah Luang University Act, 1998. At its inception in 1999, the School was responsible solely for the creation and provision of general education courses, which it did for 2 years. Since 2001, the School started a gradual expansion of its degree programmes, periodically developing and instituting new programmes in several disciplines and at various educational levels. To fulfil its teaching mission, the School serves the entire body of students in the fields of general education, languages and social sciences.

Vision

To fulfil its principal missions pertaining to humanities and social sciences: teaching, research, academic services, and the conservation of arts and culture.

Research Interests

The School of Liberal Arts is committed to conduct research in numerous humanities and social science fields spanning several disciplines, such as: languages, linguistics, language teaching, cultural studies, political science, social sciences, history, psychology, environmental issues.

Career Opportunities

Further studies, employment in the public or private sector, business management requiring foreign language abilities, language teachers, professional translators, working in academic or educational institutions.

International Collaboration

The School of Liberal Arts enjoys teaching, learning, researching, and academic service collaboration with many domestic and international organisations, including: Princeton University, U.S.A.; Xiamen University and Yunnan Normal University, PR China; London House; Walt Disney World Resort, U.S.A.; The Stock Exchange of Thailand; the Toyota Foundation in Thailand; and Fullbright Thailand.

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Bachelor of Arts in BUSINESS CHINESE

45,500 Baht per semester
364,000 Baht per programme

The primary aim of this programme is to produce graduates capable of using Chinese as a primary medium in business practices, with additional emphasis on business administration skills and English communication abilities, so as to prepare them for occupational or entrepreneurial pursuits.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge of English, Chinese, and business management.
- Apply gained knowledge in the running of business operations.
- Become an entrepreneur.
- Analyse and solve problems with morality and ethics.

Core Courses

English for Business and Technology 1, Principles of Accounting, Introduction to Economics, Principles of Marketing, Principles of Business Management, International Business Management, Business Laws

Major Required Courses

Intermediate Chinese, Advanced Chinese, Chinese Grammar, Introduction to China, Chinese Computer, Business Chinese Conversation, Conversation and Discussion on Chinese Culture, Applied Classical Chinese, Survey to Chinese Literature and Chinese Philosophy, Chinese History, China and Her International Relations, Chinese Listening from Audio-Visual Aids, Business Chinese Reading, Business Chinese Writing, Business Chinese Translation, Chinese for Public Relations, Chinese Economy, Seminar, Professional Experience

Major Elective Courses

Chinese Calligraphy, Chinese Newspaper Reading, Chinese for Tourism, Chinese for Tour Guides, Chinese for Hotel Business, Overseas Chinese Community, Chinese Folk Tales and Proverbs, Chinese Public Speaking, Report Writing in Chinese, Chinese for Secretarial Work, Chinese for Finance and Banking, Chinese for International Trade, Introduction to Chinese Investment Law, Sino-Thai Relationships

Bachelor of Arts in CHINESE LANGUAGE AND CULTURE

39,000 Baht per semester
312,000 Baht per programme

This programme primarily aims to produce graduates who possess Chinese language accuracy and fluency of listening, speaking, reading and writing skills at an international standard. In addition, the programme urges graduates to possess morality, professional ethics and responsibility towards the whole of society.

Objectives:

After completing the programme, graduates will be able to:

- Possess profound knowledge and abilities in Chinese language.
- Be keen on the Chinese language and culture, and improve themselves continuously.
- Possess the critical judgment and wisdom to solve problems and also live as a good citizen of the nation.
- Possess morality, professional ethics and responsibility towards the whole of society.

Major Required Courses

Foundation Chinese 1-4, Chinese Listening 1-2, Sound System of Mandarin, Chinese Conversation 1-2, Evolution of Chinese Characters, Chinese Reading 1-2, Chinese Grammar, Chinese Morphology, Ancient Chinese History, Chinese Culture, Applied Classical Chinese, Chinese Writing for Professional Purposes, Introduction to China, Chinese Literature, Chinese Philosophy, Chinese Writing, Ana-critical Writing, Chinese-Thai Translation, Senior Project

Major Elective Courses

Advanced Chinese Translation, Modern Chinese History, Chinese Politics, Chinese Economy, Geography of China, China and Her International Relations, Overseas Chinese Community, Chinese Arts, Chinese Calligraphy, Chinese Folk Tales and Proverbs, Chinese Newspaper Reading, Chinese News Listening, Chinese Listening from Audio Visual Aids, Discussion on Current Issues, Chinese Public Speaking, Business Chinese Conversation, Chinese for Tour Guides, Chinese for Hotel Business, Chinese for Secretarial Work, Chinese for Public Relations, Chinese Computer, Teaching Chinese Phonetics and Characters, Teaching the Four Basic Skills in Chinese, Analyses and Applications of Chinese Textbooks, Teaching Chinese as a Foreign Language, Chinese for Airline Business

Bachelor of Education in TEACHING CHINESE LANGUAGE

26,000 Baht per semester
260,000 Baht per programme

As Chinese is an important language in the world in economic, political, social and cultural terms, the effective teaching of Chinese depends on the instructors' profound knowledge and understanding of the language itself, of the science of teaching it as a foreign language, and of various aspects of China.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge, abilities and skills of teaching Chinese to students in primary school, secondary school, vocational school and to general people who are interested in Chinese.
- Understand Chinese language and culture and have a continuous self-development.
- Be a good teacher and have a positive attitude in the teaching career.
- Have good reactions, critical thinking, sense of problem solving and be able to maintain their good citizenship.
- Have good career morality and ethics.

Core Courses

Learning Technology, Principles of Education and Teaching Profession, Educational Psychology, Teaching-Learning Process, Teaching Observation, Guidance and Counselling Psychology, Practical Experience, Classroom and School Management, Principles of Chinese Teaching 1-2, Curriculum Development, Analysis and Application of Chinese Teaching Materials, Educational Assessment and Evaluation, Education and Classroom Research, Teaching Professional Practicum 1-2

Major Required Courses

Fundamental of Mandarin Chinese, Everyday Use of Mandarin Chinese, Intermediate Chinese, Mandarin Chinese Conversation, Mandarin Chinese Reading 1-2, Sound System of Mandarin Chinese, Mandarin Chinese Grammar 1-2, Chinese Morphology, Chinese Proverbs and Idioms, Evolution of Chinese Characters, Applied Ancient Chinese, Chinese Culture and Traditions, Chinese Writing Skills, Introduction to China, Chinese History 1-2, Chinese Economy, Chinese Philosophy, Chinese Newspaper Reading

Bachelor of Arts in ENGLISH

26,000 Baht per semester
208,000 Baht per programme

This programme primarily aims to produce graduates well equipped with not only English language proficiency, but also with skills in operating internationally utilised information-technology systems. The programme encourages the ability to think, put ideas into practice and solve problems, whilst maintaining professional ethics, in order to propel the nation towards sustainable development and a more active role in this globalised era.

Objectives:

After completing the programme, graduates will be able to:

- Be proficient in English.
- Be skilled in information technology and in management, for increased professional success.
- Be knowledgeable about the English-speaking cultures worldwide and the cultures of the GMS countries.
- Exercise critical thinking, performing and problem-solving skills, to abide by ethics and integrity and to contribute their abilities to society.

Core Courses

Thai Academic Reading and Writing, Foundations of College English 1-2, Basics of Office Correspondence, Critical and Analytical Skills, English Listening and Pronunciation, Digital Media Literacy, Courtesy and Etiquette

Major Required Courses

English Conversation English Reading and Writing 1-2, Introduction to Language and Linguistics, Foundations and Analysis of Literary Works, Cross-Cultural Communication, History of English, English Morphology and Syntax, English Phonetics and Phonology, Academic and Professional Writing, Oral Discussion and Presentation, Oratory, Short Stories and Novels, Poetry, Principles of Translation, Comparative Study of English and Thai, Senior Project, Research and Seminar, Professional Experience

Major Elective Courses

English for Hotel Management, English for Airline Business, English for Tourism, Studies in Speculative Fiction, Business Translation, Introduction to Sociolinguistics, English through Newspapers, Business Writing, English for the Greater Mekong Subregion, Understanding Cultures through Cinema, English in Mass Media, Discourse Analysis, Syntactic Analysis, Introduction to Psycholinguistics, Contemporary English Literature, Drama, Creative Writing, Literary Value of Biblical Accounts, English in Religious Literature, Mythology, Principles of English-Language Teaching, News Translation

Bachelor of Arts in INTERNATIONAL DEVELOPMENT

39,000 Baht per semester
312,000 Baht per programme

The Bachelor of Arts in International Development programme aims to provide knowledge on international relations and socioeconomic development for future graduates. Graduates shall be able to apply theories for their future practices and work in both government and private sectors at local and international levels.

Objectives:

After completing the programme, graduates will be able to:

- Have keen knowledge on the principles in international development required in domestic and international terms as well as Southeast Asia in particular.
- Seek for and manage knowledge according to the current international development situation.
- Apply their expertise for problem solving tactically, and be considerate in various contexts.

Core Courses

Introduction to Sociology and Anthropology, Introduction to International Development, Introduction to Community Development, Principles of Political Science, International Development Theory, International Organisations and International NGOs, Principles of International Political Economy, Communication Research in International Development, Research Methodology in International Development, Introduction to Economics

Major Required Courses

The United Nations and Multinational Organisations in International Development, Role of Great Powers in International Development, International Politics of Environment, Economics of Multinational Corporation, International Migration and Development, Gender Issues in International Development, National Interests and National Development, ASEAN's Development Policy, Transparency and Good Governance in Development, Project Management for International Development, Professional Training in International Development

Major Elective Courses

Communication, Democratisation, and Development, Impact of Globalisation to Locality, Human Rights Studies, Ethnicity and Minority Rights, Transformational Leadership, Special Topic in International Development, Seminar in Development in ASEAN, Independent Study on HM King Bhumipol Adulyadej's Royal Initiatives

Bachelor of Arts in THAI LANGUAGE AND CULTURE

30,000 Baht per semester
240,000 Baht per programme

Language and culture are an important factor of social harmony. Language serves as the medium to promote and facilitate understanding between people of different cultures. Effective communication in Thai and proper understanding of Thai culture also require an awareness of Thai traditions, customs and ways of life, along with formal practice in Thai communication through various contexts. This programme produces graduates who are well equipped with the best understanding and knowledge of Thai language, culture and traditions, enabling them to communicate professionally and effectively.

(This programme available only to international students)

Objectives:

After completing the programme, graduates will be able to:

- Be proficient in Thai listening, speaking, reading and writing, and in properly using Thai for communication.
- Communicate in Thai for business and technological purposes.
- Be knowledgeable about Thai culture and popular Thai culture in broader circles.
- Exercise critical thinking, performing and problem-solving skills, to abide by ethics and integrity and to contribute their abilities to society.

Core Courses

Characteristics of Thai, Thai Language Skills for Communication, Introduction to Thai Literature, Introduction to Contemporary Thai Literature, Thai Newspaper Reading, Introduction to Project Writing

Major Required Courses

Thai Language Conversation in Daily Life, Conversation in Various Situations, Conversation on Current Issues, Conversation on Selected Topics, Listening Comprehension, Reading Comprehension, Analytical Reading, Introduction to Thai Writing, Writing for Communication, Thai Language and Culture, Conversation in Business Thai, Thai in Audio Visual Media, Business Writing, Thai Ways of Life, Thai Language and Society, Introduction to Thai History, Senior Project

Major Elective Courses

Thai Dictionary, Reading for Evaluation, Reading Contemporary Thai Literatures, Critical Writing, Introduction to Translation, Thai for Tourism, Orality and Literacy Language, Introduction Thai Speaking, Public Speaking, Specialised Translation, Thai Idioms and Proverbs, Thai Folk Arts, Thai Folk tales, Introduction to Thai Poetry, Literary Language

Bachelor of PUBLIC ADMINISTRATION (Local Government)

33,000 Baht per semester
132,000 Baht per programme

This programme aims at producing administrators with integrated skills, knowledge, managerial paradigm, as well as the ability to employ the principles of good governance and locally appropriated administration to address the problems and needs of the locals.

Objectives:

After completing the programme, graduates will be able to:

- Possess knowledge and skills in integrated administration in response to local problems and needs.
- Have knowledge-searching and knowledge-management skills for up-to-date social development.
- Exercise critical thinking, performing and problem-solving skills, to abide by ethics and integrity to maintain good governance and to contribute their abilities to the society.

**This programme offered by the School of Liberal Arts is a joint project with the Department of Local Administration. Only DLA employees are accepted for admission.*

Major Required Courses

Introduction to Legal Principles, Public Administration, Leaderships, Concept and Theory of Local Government, Strategies of Local Government, Social and Culture of Local Community, Economy of Local Community, Law for Local Government, Thai Local Politics and Government, Management Information System for Administration, Public Policy and Planning, Human Resource Administration, Local Natural Resource and Environment Management, Local Financial and Fiscal Administration, Peace Studies for Local Development, Development Administration, Thai Local Politics and Government, Statistics for Local Executive, Strategic Planning for Integrated Spatial Development, Local Infrastructure Administration, Local Public Health Administration, Local Education Administration, Local Public Health Administration. Local Public Health Administration, Innovation and Change Management, Co-operative Education in Local Government

Free Elective Courses

Political Sociology in Local Government, Local Tourism Development Administration

Master of Arts in TEACHING CHINESE AS A FOREIGN LANGUAGE

39,000 Baht per semester
156,000 Baht per programme

This programme aims at producing graduates with excellence and expertise in teaching Chinese as a foreign language, the ability to appropriately apply academic theories to Chinese teaching and an advanced level of Chinese listening, speaking, reading and writing.

Objectives:

After completing the programme, graduates will be able to:

- Possess expertise in teaching Chinese as a foreign language.
- Apply the acquired knowledge to effectively improve Chinese language teaching and organise Chinese language.
- Work and live in society morally and ethically.

Total credits required: 36

- Plan A: Coursework (24 Credits)/ Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Available Courses

Teaching and Learning the Sound System of Mandarin, Special Topics in Chinese Philosophy, Chinese Grammar and Its Teaching, Teaching and Learning Chinese Characters, Seminar in Teaching Chinese as a Foreign Language, Chinese Vocabulary and Its Pedagogy, Contrastive Analysis Between Chinese and Thai Language, Research Methodology and Chinese Bibliography, Special Topics in Chinese Literature, Theories and Practice of Foreign Language Testing, Computer-aided Learning and Teaching of Chinese Language, Analysis and Application of Chinese Language Textbooks

CHINESE – THAI TRANSLATION AND INTERPRETATION

1-2 Semesters at MFU: 130,000 Baht
4 Semesters at Beijing
Foreign Language University: 259,600 Baht
389,600 Baht per programme

This programme aims to produce graduates who are knowledgeable and skilled in Chinese-Thai translation and interpretation, as well as in applying translation and interpretation theories to occupational pursuits.

Objectives:

After completing the programme, graduates will be able to:

- Be professional translators and interpreters with theoretical and practical expertise, skills in translating diplomatic documents, commercial documents and literary work, and the ability to interpret in conferences and negotiations.
- Be scholars or instructors of translation and interpretation, with the ability to apply relevant theoretical and practical knowledge to conduct research in their own fields.
- Abide by professional ethics and integrity and to contribute their abilities to the society.

Total credits required: 36

- Plan A: Coursework (24 Credits)/Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Available Courses

Translation Theory and Technique, Thai-Chinese Translation, Chinese-Thai Translation, Thai-Chinese Oral Interpretation 1-2, Chinese-Thai Oral Interpretation 1-2, Translation Practice, Translation of Academic Works, Translation of Cultural Works, Translation of Audio-Visual Media Works, Translation of Poetry, Translation of Literary Works, Translation Assessment Editing



Master of PUBLIC ADMINISTRATION

35,750 Baht per semester
143,000 Baht per programme

This programme aims at producing graduates who possess a well-rounded knowledge of the principles and theories of public administration and other related disciplines, internationally recognised administrative concepts, and the ability to effect a harmonious, righteous and professionally ethical combination of the public sector's and the private sector's practices and methods.

Objectives:

After completing the programme, graduates will be able to:

- Possess the potential in public administration, be able to use internationally accepted concepts and be able to analytically apply universally accepted public administration theories to solve local and national problems effectively.
- Exhibit academic and vocational scholarship in the field of public administration.
- Conduct modern administration and strategic management, both in the public and private sectors.
- Be skilled in conducting research and applying research outcomes to develop the country.
- Abide by professional ethics and integrity, and to put the acquired knowledge into practice.

**This programme is taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*

- Plan B: Coursework (39 Credits)
Independent Study (6 Credits)

Major Required Courses

Public Administration Theory, Public Policy, Public Financial Management, Research Methodology in Public Administration, Human Resource Management in Public Sector, Public Organisation and Management in Business Dimensions

Major Elective Courses

Information and Communication Technology Systems Management in Public Organisation, Strategic Public Management, Public Administration: Psychological Sociological and Anthropological Approaches, Ethics and Public Administration, Project Management and Evaluation, Public Law and Administration, Seminar in Public Administration, Seminar in Bureaucratic Reforms in Greater Mekong Subregion Countries, Seminar in Urban Management and Development in Thailand, Northern Case Studies, Seminar in Thai Government Role and Economical Management of Golden Quadrangle, Seminar in Public Administration in Golden Quadrangle, Seminar in Provincial Administration, Seminar in Local Administration, Seminar in Public Policy Formulation and Implementation, Special Topic in Public Administration

Master of Arts in ENGLISH FOR PROFESSIONAL DEVELOPMENT

55,000 Baht per semester
220,000 Baht per programme
(International Programme)

The ultimate goal of the English for Professional Development Programme is to produce scholars with advanced knowledge and skills in English for international communication, a research mind and strong leadership. We also look forward to creating prospective graduates who are not only well-rounded in current global situations but able to make adjustments in response to changes. These valuable human resources attributes are needed to propel their local communities, countries, and regions for optimal mutual benefits.

Objectives:

After completing the programme, graduates will be able to:

- Provide individuals in the English language teaching profession at elementary and higher levels with profound knowledge and understanding of the social, economic, and cultural aspects of English language in the information age, so that international collaborations and professional ethics can be promoted.
- Have advanced communication skills and the capability to administer and manage within the international education system or English language school system in response to the needs of the local and wider communities.
- Apply their knowledge in developing research projects in areas such as teaching and learning English or management in different levels of education.
- Prepare individuals in the Northern region to develop English language skills for participation in the ASEAN community, in which English is the main medium of communication.

Total credits required: 36

- Plan A: Coursework (24 Credits)/ Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Major Required Courses

Research Methodology, English Linguistics, Sociocultural Aspects of English Language, Discourse Analysis, Advanced Academic Literacy

Major Elective Courses

Translation Methodology, Second Language Acquisition, Principles of English Language Teaching, Curriculum and Materials Design for English Language Teaching, Assessment in English Language Learning, Statistics for Quantitative Research, Quantitative Research, Qualitative Research, Corpus Linguistics, Pragmatics, Consecutive and Simultaneous Translation, Multimedia Application, Innovations in English Language Learning, Internationalisation: Context, Policy, Practices, Learning in Organisation, Management and Leadership, Seminar on Contemporary Issues

Doctor of Philosophy in ENGLISH FOR PROFESSIONAL DEVELOPMENT

90,000 Baht per semester
540,000 Baht per programme
(International Programme)

The ultimate goal of the English for Professional Development Programme is to produce scholars with advanced knowledge and skills in English for international communication, a research mind and strong leadership. We also look forward to creating prospective graduates who are not only well-rounded in current global situations but also able to make adjustments in response to changes. These valuable human resources attributes are needed to propel their local communities, countries, and regions for optimal mutual benefits.

Objectives:

After completing the programme, graduates will be able to:

- Provide English language teaching professionals working at elementary or higher levels with advanced knowledge in English language skills for their profession, skills in teaching English as a foreign language at the international standard, and a foundation for the understanding of social, economic, and cultural aspects of English language so that international collaborations and professional ethics can be promoted.
- Be equipped with a high level of managerial skills in administering educational organisations or an international curriculum and programme at an elementary level or higher. Apart from developing advanced skills in English, participants who are educational business owners, entrepreneurs in an international education system, or English language schools will be able to manage their organisations in response to the needs of local community, society, and country.
- Develop research projects that contribute to their professional development and innovative ideas in English language teaching and learning, and to develop English language skills for advanced communication at all levels, namely, regional, national, and international.
- Prepare individuals for participation in the ASEAN Community, in which English is the main medium of communication.

- Coursework (27 Credits)/ Dissertation (36 Credits)

Available Courses

Theory and Research in English Usage, Dissertation and Research Paper Writing, English as a Lingua Franca, Current Trends in English Language Research, Research Seminar, Corpus Linguistics, Pragmatics, Translation Studies, Consecutive and Simultaneous Translation, Evaluation in Professional Contexts, Multimedia Application, Professional Communication, Innovations in English Language Learning, Internationalisation: Context, Policy, Practices, Learning in Organisation, Management and Leadership, Seminar on Contemporary Issues

Doctor of Philosophy in SOCIAL SCIENCES

117,000 Baht per semester
702,000 Baht per programme

The principal aim of this Doctoral Programme in Social Sciences is to develop academic and vocational scholars excelling in multidisciplinary social sciences, including social sciences principles, concepts and theories, an awareness of the effects of globalisation on various social dimensions, ability to conduct research in social sciences and related disciplines in response to the nation's needs, ability to perform duties in both the public and private sectors, as well as willingness to make ethical, moral and sacrificial contribution to the society.

Objectives:

After completing the programme, graduates will be able to:

- Develop knowledge and ability to apply and adapt social science principles, concepts and theories to the working and solution of problems in keeping with an organisation's internal and external contexts.
- Be knowledgeable in social science theories, trends in globalisation and conditions that affect the various dimensions of society.
- Provide academic services in the form of instruction and research, as well as to conduct pro-developmental and pro-organisational research.
- Be skilled in social science research and the application of research strategies and methodology, which have been acquired through instruction and dissertation writing, to operational and organisational development.
- Contribute to society in ethical, moral and sacrificial manners.

**This course is taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*

- Coursework (24 Credits)/ Dissertation (36 Credits)

Major Required Courses

Seminar on Social Sciences and Globalisation, Dissertation Seminar, Social Sciences Research: Quantitative Approach, Seminar on Social Sciences Theories, Social Sciences Research: Qualitative Approach, Reading in Specific Issues





SCHOOL OF

MANAGEMENT

With the aim of crafting proficient graduates in each field of study to meet the fast growing needs of ASEAN businesses, industries and government departments throughout Thailand and the region. The School is one of the leading business schools in the region, offering extensive and diverse courses, using modern teaching approaches to ensure the utmost benefit to the students, and also providing a high amount of exchange opportunities to many of its partner institutions.

About the School

The School of Management, Mae Fah Luang University is recognised as one of Thailand's fastest growing and effective international business schools, constantly producing high quality graduates. All of the School's academic programmes are well-constructed and suitable for both Thai and international students. The School of Management offers extensive and diverse courses, using modern teaching approaches with support from computerised systems, to ensure the utmost benefit to the students. Moreover, the School's quality assurance system certifies the quality of education in crafting proficient graduates in each field of study.

Vision

With the aim of crafting proficient graduates in each field of study to meet the needs of businesses, industries and government departments, throughout Thailand and abroad.

Research Interests

- International business management, ASEAN and international logistics management.
- Green tourism, recreation, corporate social responsibility, service quality, destination resort and hospitality management
- Cross border and international trade/investment
- Business economics and marketing
- Aviation business management

Career Opportunities

Further studies, employment in the public or private sector, business management requiring business management abilities, working in academic or educational institutions.

International Collaboration

The School of Management has developed international collaboration through student exchange with the Management Centre Innsbruck, Austria; the University of St. Gallen, Switzerland; and Group T International College Leuven, Belgium. Additionally, the School of Management has a joint BBA programme with Brighton University, England.

Contact Information

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Bachelor of ACCOUNTING

28,600 Baht per semester
228,000 Baht per programme

The Bachelor of Accounting Programme focuses on producing graduates not only with knowledge, capability, and skills in accounting, but also with skills in operating internationally utilised information-technology systems. The programme also aims in providing students with good morals and career ethics that are necessary to be a professional in this industry.

Objectives:

After completing the programme, graduates will be able to:

- Have excellent professional knowledge and skills.
- Have academic development capabilities and provide advice regarding accountancy to both the public and private sectors.
- Seek modern and existing knowledge and wisdom and adjust oneself to act appropriately in the current rapidly changing environment that involves international competition.
- Think, act and problem solve, as well as have good quality morals and professional ethics.

Core Courses

English for Business and Technology 1, English for Business and Technology 2, Elementary Accounting 1, Elementary Accounting 2, Taxation, International Accounting, Corporate Governance and Accounting Professional Ethics, Microeconomics, Macroeconomics, Principles of Marketing, Business Finance, Quantitative Analysis, Production and Operations Management, Strategic Management, Management Information Systems, Business Laws

Major Required Courses

Intermediate Accounting 1-2, Cost Accounting 1-2, Accounting Theory, Auditing, Accounting Information System, Internal Audit and Internal Control, Professional Experience, Advanced Accounting 1-2, Tax Accounting, Financial Reporting and Analysis, Seminar in Accounting

Major Elective Courses

Profit Planning and Control, Cost Management, Accounting Information Systems Analysis and Design, Information Systems Audit and Control, Forensic Accounting, Specialised Accounting, Special Problems in Accounting, Accounting Software Package, Tax Planning, Problem in Auditing



Bachelor of Business Administration in AVIATION BUSINESS MANAGEMENT

46,800 Baht per semester
374,400 Baht per programme

This programme aims to produce graduates with knowledge, capability, and skills in aviation business management, such as in flight services, passenger ground services, food and beverage services, air cargo services, aviation safety and security as well as other related industries. Besides, graduates will also have basic business management skills that will enable them to work directly in the aviation industry. Graduates will have the complete ability and confidence to serve the present and future needs of the aviation industry, both domestically and internationally.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge, skills and expertise in management of the entire aviation business including ground support services, food and beverage services, freight services, safety in air commerce as well as businesses related to the aviation business.
- Have the knowledge and ability to manage activities related to the entire system of aviation business and have the ability to become an operator in related aviation businesses.
- Have an awareness of aviation business management in terms of the profession, personality, and attitude to be able to work directly in line with the needs of the labour market and of competition, both domestic and foreign.
- Use information technology and the ability to learn about new innovations in order to apply these for use in the aviation business.
- Live ones life and work in the aviation business with morals, ethics, values, creativity and social responsibility.

Core Courses

English for Aviation Business, Foundation Mathematics for Business, Elementary Accounting 1-2, Statistics for Business Research, Business Finance, Production and Operations Management, Personality Development, Introduction to Aviation Business Management, Marketing for Aviation Business

Aviation Service Major

Major Required Courses

ASEAN Cross-cultural Communication for Service Business, Aviation Business Information System, Safety and Security in Aviation, In-flight Service Management, Social Etiquette and Service Attitude, Laws and Regulations in Aviation Industry, Risk Management in Aviation Business, Aviation Business Research, In-flight Technical Equipment and Security System, Air Cargo Service Management, Passenger Ground Services, Co-operative Education, Aviation Medicine and Hygiene, Chinese 2, Japanese 1, French 1

Major Elective Courses

Human Resources Management, Impressive Presentation and Effective Negotiation, Airline Traffic Planning, Aviation Related Food and Beverage, Airline Catering Business Management, Aviation Logistics and Supply Chain Management

Aviation Logistics Business Major

Major Required Courses

ASEAN Cross-cultural Communication for Service Business, Aviation Business Information System, Safety and Security in Aviation, Social Etiquette and Service Attitude, Laws and Regulations in Aviation Industry, Risk Management in Aviation Business, Aviation Business Research, Aviation Logistics and Supply Chain Management, Thai Aviation Business in Global Aviation Industry, Airport Management and Airline Business, Aviation Business Development Strategy, Co-operative Education, Aviation Medicine and Hygiene, Chinese 2, Japanese 1, French 1

Major Elective Courses

Human Resources Management, Free Zone and Perishable Centre Management, Terminal Zoning Management, Aviation Industry in Thai State Enterprise, Aviation Real Estate Evaluation and Development, Global Economic Trends in Thailand Exporting and Service, Analysis of Airline Route Creation

Aviation Operations Major

Major Required Courses

Discovering Aviation, Human Factor and Aviation Medicine, Quantitative Analysis in Flight Operation 1-2, Aircraft Structure and Power Plant, Laws and Regulations in Aviation Industry, Risk Management in Aviation Business, Aviation Safety and Security for Flight Operation, Flight Environment, Communication and Radar Service, Co-operative Education, Aerodynamics, Meteorology and Interpreting, Chinese 2, Japanese 1, French 1

Major Elective Courses

Flight Operation Process and Criteria, Air Traffic Services Resource Management, Flight Instrument, Multi-Engine Operations, Sources of Aviation Information, Flying Operation 1-3



Bachelor of BUSINESS ADMINISTRATION

28,600 Baht per semester
228,800 Baht per programme

The Business Administration programme aims to meet the human resource requirements of businesses and to develop the human resources capability to manage, analyse and apply knowledge with wisdom, merit, and moral virtues for success in the graduates' careers, for social development in a changing environment, and for competition in the modern business world.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and expertise in the business administration and management fields under the current human resource needs.
- Have the abilities and skills in business administration and apply management skills for implementing into their future career effectively.
- Have creativity for self-development to become future leaders and managers who perform within business globally and economically according to the current trends.
- Have morals and ethics in their career and personal life.
- Have interpersonal skills and the ability to adapt to working with cross-cultural business organisations.

Core Courses

Foundation Mathematics for Business, Elementary Accounting 1-2, Microeconomics, Macroeconomics, Statistics for Business Research, Principles of Marketing, Principles of Business Management, Business Finance, Business Laws

Major Required Courses

Managerial Accounting, Human Resources Management, Organisational Behaviour, Quantitative Analysis, Production and Operations Management, Business Ethics, Financial Management, Marketing Management, Business Research, Business Venture and Entrepreneurship, International Business Management, Professional Experience, Strategic Management

Major Elective Courses

Project Feasibility Study and Evaluation, Consumer Behaviour, Service Marketing, Retail Marketing, Agricultural Product Marketing, Business Psychology, Dimension of Leadership, Work Motivation and Productivity, Organisation Development, International Trade, International Finance, Export - Import Management, Cross-Culture Management, Innovation and Technology Management, Marketing Research, Strategic Brand Management, International Marketing, Business Management in ASEAN Countries, Special Topic in International Business, Introduction to Logistics and Supply Chain Management, International Business and Border Trade Management, International Business Laws

Bachelor of Business Administration in HOSPITALITY INDUSTRY MANAGEMENT

28,600 Baht per semester
228,800 Baht per programme

The hospitality industry is one of the world's fastest growing industries. In today's fast paced hospitality industry, hotel and restaurant owners, managers and supervisors must have a broad, based knowledge of all aspects of the business in order to keep their business competitive. As a starting point for a management career in this industry, this programme aims to develop entrepreneurial leadership in the acquisition of the business and management skills.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and expertise in hotel management and food and beverage management.
- Develop the process of management and arrange the systems of administration as well as have an expertise in communications and in the use of modern technology.
- Initiate tourism and food and beverage businesses with a basic understanding and concept of building a new business in order to conduct a sustainable profession in the service industry.
- Have morals and professional ethics and responsibility in working with other cultures in various situations.

Core Courses

Elementary Accounting 1-2, Principles of Business Management, Business Finance, Human Resources Management, Business Venture and Entrepreneurship, Strategic Management, Tourism and Hospitality Industry Marketing, International Tourism and Hospitality Business Management, Service Psychology and Service Operation Management, Professional Ethics and Laws for Tourism and Hospitality Management, Tourist Behaviour, Information Technology for Tourism and Hospitality, Facilities Management, Research Methods for Tourism and Hospitality

Major Required Courses

MICE Management, Hotel and Lodging Management, Housekeeping Management, Front Office Management, Accommodation Management for Leisure, Introduction to Tourism and Hospitality Industry, Cost Control, Food and Beverage Operation and Management, Food and Beverage Service, Kitchen Management, Food Preparation and Culinary Skills, Seminar in Hospitality Industry, Co-operative Education

Major Elective Courses

Airlines Business Management, Cruise Lines Business Management, Fundamentals of Passenger Transportation, Souvenir Business Management, Fundamentals of Special Events and Recreation Management, Food Nutrition and Hygiene, Health and Spa Tourism Management, Management of Restaurant Design and Application, Gastronomic Culture

Bachelor of Business Administration in LOGISTICS AND SUPPLY CHAIN MANAGEMENT

32,500 Baht per semester
260,000 Baht per programme

This programme aims to produce graduates with theoretical academic knowledge and the ability to apply such knowledge in real business situations. Students will have the skills and potential to manage using logistics and supply chain concepts to increase the efficiency in business management systems corresponding to the development of country.

Objectives:

After completing the programme, graduates will be able to:

- Have morality and ethics in their career and work with others creatively, with discipline and honesty.
- Have the skills and knowledge to analyse concepts and theories in logistics and the supply chain, and apply these in planning and solving problems in business activities together with integrated fields.
- Have the potential to solve problems creatively by using the knowledge applied in real situations appropriately and also be aware of the environment.
- Have leadership, a broad vision and work well with other people with a high level of responsibility and accountability.
- Have communication skills of more than one language and the ability to use modern technology.
- Use and apply the concepts of logistics and supply chain management to conduct business operations and apply to one's own life and society.

Core Courses

Elementary Accounting 1-2, Managerial Accounting, Introduction to Economics, Statistics for Business Research, Principles of Marketing, Principles of Business Management, Business Finance, Human Resources Management, Quantitative Analysis

Major Required Courses

Production and Operations Management, Project Feasibility Study and Evaluation, Business Research, Business Venture and Entrepreneurship, Strategic Management, Introduction to Logistics and Supply Chain Management, Transportation Economics, Warehouse and Distribution Management, Demand Planning and Inventory Management, Legal and Tax Aspects for Logistics, Purchasing Management, Information Technology for Logistics and Supply Chain, Transportation and Distribution Management, Reverse Logistics Management, Transport Safety and Environment, Professional Experiences, Performance Measurement in Supply Chain

Major Elective Courses

Globalisation and Logistic Management, International Trade, International Business and Border Trade Management, Special Topics in Logistics and Supply Chain Management, Modelling and Simulation, Master Production Scheduling and Logistics Management, Lean Manufacturing and Plant Management, Supply Chain Management in Agricultural industry, Special Topics in Logistics and Supply Chain Management, Modelling and Simulation, ASEAN Cross-cultural Communication for Service Business, Service Psychology and Service Operation Management, Tourism Logistics, Special Topics in Logistics and Supply Chain Management, Modelling and Simulation

Bachelor of Business Administration in TOURISM MANAGEMENT

28,600 Baht per semester
228,000 Baht per programme

This programme aims to produce graduates with theoretical academic knowledge and capability in general tourism business management, as well as the principles of business, emphasising the importance of developing students to be the prospective entrepreneurs with tourism management skills and knowledge of professional operations in the tourism and hospitality industry and related businesses. Students will be able to use information technology and have morality and ethics in order to succeed in their careers and for social development.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and skills in managing the tourism industry.
- Have service operation management skills as well as communication and technology skills for the tourism industry.
- Have entrepreneurial skills in the tourism and service industry with concern for sustainability.

Core Courses

Principles of Accounting, Introduction to Economics, Statistics for Business Research, Organisation and Management, Principles of Business and Finance, Human Resources Management, Business Venture and Entrepreneurship for Service Business, Strategic Management for Service Business

Major Required Courses

Personality Development for Tourism Industry, Sustainable Tourism, Tour Business Operation and Management, Research Methodology for Tourism Industry, Fundamentals of Event and MICE, Principle of Professional Tour Guide, Ecotourism Management, ASEAN Tourism, Tourism Resource Management, ASEAN Cross-cultural Communication for Service Business, Seminar in Tourism Management, Co-operative Education, Tourism and Hospitality Industry Marketing, Service Psychology and Service Operation Management, Professional Ethics and Laws for Tourism and Hospitality Management, Tourist Behaviour, Information Technology for Tourism and Hospitality, Introduction to Tourism and Hospitality Industry

Major Elective Courses

Tourism Development Planning, Special Interest Tourism Management, Religious Tourism Management, Heritage Tourism Management, Creative Tourism Management, Community Based Tourism (CBT) Management, Fundamentals of Passenger Transportation, Souvenir Business Management, Ethnic Tourism Management, Border Crossing Tourism (BCT) Management, Airlines Business Management, Tourism Logistics Management, Small Medium Tourism Enterprise (SMTEs) Management, Fundamentals of Special Events and Recreation Management, Incentive Travel Management, Professional Convention Coordination, Exhibition Management, Convention Facilities Design and Management, Venue Management and Logistics for MICE Business, Hotel and Lodging Management, Accommodation Management for Leisure, Food and Beverage Operation and Management, Health and Spa Tourism Management, Gastronomic Culture

Bachelor of ECONOMICS

32,500 Baht per semester
260,000 Baht per programme

The Bachelor of Economics Programme aims to train students to understand the general economic framework to apply econometrics tools to analyse problems corresponding to the economic development at both national and local levels, and students will learn to understand the interconnection of the forces underlying globalisation with an emphasis on social and national interests.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge about economics in line with current global changes.
- Have the knowledge and ability to analyse and study the economic linkages of the economy between regions.
- Conduct in depth analysis of the Upper North and GMS subregion economy.
- Have an understanding of diverse language and cultures in order to facilitate the development of economic cooperation between countries in the region towards sustainable development and peace, to become graduates with an awareness of morals and ethics consistent with economic good governance.

Core Courses

Foundation Mathematics for Business, Elementary Accounting 1, Microeconomics, Macroeconomics, Mathematics for Economics, Economic Statistics

Major Required Courses

Microeconomic Theory, Macroeconomic Theory, International Economics, Economics of Money and Banking, Economics of Public Finance, Econometrics, Economics of Regional Integration, Economic History, Professional Experience, Research Methodology, Special Problem, Economics of Cross-border Resources Management, Regional Study

Major Elective Courses

Agricultural Economics and Policy, International Trade Theory and Policy, Monetary Theory and Policy, International Monetary Economics and Finance, Globalisation and Logistic Management, Cross Border Trade Economy, ASEAN Economy, International Economic Cooperation and Trade Negotiation, Special Topic in International Economics and Policy 1-3, Elementary Accounting 2, Project Feasibility Analysis, Managerial Economics, Business Finance, International Business in Practice, Principles of Investment, Financial Report Analysis, Special Topic in Entrepreneurial Economics 1-3, Securities Analysis, Financial Economics, Corporate Finance for Economics, Principles of Marketing, Economics and Laws, Public Economics Policy, Economics Development, Rural and Urban Economics, Agribusiness and Agro-industry, Human Resources Economics, Gender Economics, Natural Resource and Environmental Economics, Special Topic in Economics 1-3, Thai Economy

Master of BUSINESS ADMINISTRATION

80,000 Baht per semester
240,000 Baht per programme

This 2-year MBA Programme is designed for graduates who are mainly working in both the government and private sectors. Students can take classes on the weekends and receive training in modern management, including effective techniques to achieve the knowledge of sustainable management needed to meet the standards of the business world and the society. Students have to produce a thesis or independent study on a subject of their personal interest, under the guidance of expert faculty members.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and principles in various management fields and focus on the concepts of organisational management, including modern management techniques to effectively improve organisational processes.
- Have management skills with the vision to keep up with social, political economic, and technological changes.
- Have business concepts and leadership skills.
- Have skills and expertise in analysing problems professionally with analytical skills and systematic decision making.
- Have knowledge in researching and effective implementation of work.
- Have virtue and ethics and apply knowledge in practices.

Total credits required: 36

- Plan A1: Coursework (24 Credits)/Thesis (12 Credits)
- Plan A2: Thesis (36 Credits)
- Plan B: Coursework (33 Credits)
Independent Study (3 Credits)

Available Courses

Financial and Accounting Management, Marketing Management, Processes of Management, Production Technology and Operations Management, Business Research, Electronics Business Models, Quantitative Analysis for Management, Strategic Management in the AEC Context, Financial Accounting, Fundamental and Theory of Management, Management Economics in the Global Environment, Regional Study, Human Resource Management, ASEAN Economy, Electronic Marketing, Managing Change and Innovation, Investment Planning, International Business Marketing, Entrepreneurship and Business Ventures, Ethics and Business Environment, Seminar on Business Administration, Business Negotiation, Logistics and Supply Chain Management, International Business Management, Border Trade Management, Hospitality Management

Master of Business Administration in ENTREPRENEURIAL MANAGEMENT

80,000 Baht per semester
240,000 Baht per programme
(International Programme)

In response to the growing GMS regional and international economic integration, the 1.5 year International MBA Programme in Entrepreneurial Management aims at creating a very diverse education environment. It focuses on entrepreneurial management skills, innovation, and analytical thinking and problem solving abilities. Graduates will understand how to apply their theoretical knowledge in real-life business solutions and develop excellent leadership competency in order to guide their businesses to international success. The submission of a thesis or independent study project in a related field is a central requirement of the programme, which helps the students to deepen their research skills and to advance their expertise in their chosen area. All of this makes the programme a unique opportunity in the region for everyone seeking business success through entrepreneurship.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge, skills and concepts in entrepreneurial management and in other business management fields and effectively apply this knowledge in business analysis and planning.
- Have entrepreneurial skills, leadership skills, management vision, creativity, morality and abilities to sustainably adjust their business operations to rapid changes in competing with other businesses at an international level.
- Have the knowledge in entrepreneurial management to develop the foundations of education in business management.

Total credits required: 36

- Plan A: Coursework (24 Credits)/ Thesis (12 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Fundamental Courses

Organisational Management, Financial Accounting, Economics for Business, Operations Management, Marketing Management

Major Required Courses

Entrepreneurship and Innovation, Entrepreneurial and Strategic Management, Business Research, Regional Study

Elective Courses

Business Simulation, Small and Medium Enterprises Management, International Business Management, Logistics and Supply Chain Management, Human Resource Management, Management Information Systems, Corporate Social Responsibility

Master of Business Administration in LOGISTICS AND SUPPLY CHAIN MANAGEMENT

71,500 Baht per semester
286,000 Baht per programme

This programme is a professional MBA intended for those who aspire to increasing levels of responsibility in business and industry. The programme provides an international focal point for advanced teaching and research in the field of logistics, supply chain management, and transportation management. It also offers a concentrated study of logistics and supply chain management for students interested in learning how to apply the detailed functional aspects of logistics and supply chain management from an international and domestic perspective.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge and understanding of theories, principles, and guidelines to manage and solve related problems in logistics and supply chain management.
- Use knowledge and skills that can be applied in planning for effective possible solutions to real situations.
- Have understanding, skills, and ability to work as a team.
- Have a vision in adapting the work environment to rapid changes in the organisation.
- Have career and business ethics.

Total credits required: 39

- Plan A1: Thesis (39 Credits)
- Plan A2: Coursework (27 Credits)/ Thesis (12 Credits)
- Plan B: Coursework (33 Credits)
Independent Study (6 Credits)

Fundamental Courses

Strategy and Supply Chain Management, Quantitative Analysis for Logistics Management, Research Methodology in Business and Logistics Management, International Business Economic and Logistics Law, Logistics and Supply Chain System Analysis

Required Courses

Inventory and Distribution Centre Management, Cross Border and Transport Management, ASEAN Logistics Integration Management, Procurement and Supply Management, Regional Study, Seminar in Logistics and Supply Chain Management

Available Courses

International Logistics and Supply Chain Management, Reverse Logistics and Return Management, Performance Measurement in Logistics and Supply Chain Management, Production Control and Logistics Management, Business Project Feasibility Analysis, Special Topic in International Logistics and Supply Chain Management, Technology and Information System for Logistics and Supply Chain Management, Change and Innovation in Logistics and Supply Chain Management, Geographical Information System for Supply Chain Management, Special Topic in Innovation for Logistics and Supply Chain Management

Master of Business Administration in TOURISM MANAGEMENT

80,000 Baht per semester
240,000 Baht per programme

In response to the growing tourism and its competitiveness in ASEAN region, the 1.5 International MBA program in Tourism Management aims to enhance capacity building of human resource in tourism industry. It focuses on tourism business management skills, critical and analytical thinking and problem resolution abilities in tourism business. Graduates will learn to apply their theoretical knowledge in real-life tourism business situations and develop excellent leadership competency in order to guide their business to international success.

Objectives:

After completing the programme, graduates will be able to:

- Have the knowledge and ability to understand theories, principles, and concepts related to tourism industry.
- Apply the knowledge and skills developed from coursework to real-life tourism business situations and problems.
- Have the ability to analyze and resolve problematic situations.
- Possess excellent leadership skills and the ability to lead others and themselves to success.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan B: Coursework (30 Credits)
Independent Study (6 Credits)

Fundamental Courses

Organizational Management, Financial Accounting, Economics for Business, Business Research, Advanced Information Technology for Tourism.

Major Required Courses

Fundamental and Theory of Management, Fundamental of Tourism Industry and Operation, Strategic Marketing for Tourism, Cross-Cultural Behavior in Tourism Industry, Policy and Planning for Tourism Development, Regional Study in Tourism Industry, Seminar in Tourism Industry

Elective Courses

Cross Border in Tourism System Analysis, Risk Management in Tourism Industry, Tourism Supply Chain Management, Creative Tourism, Small and Medium Tourism Enterprises Management, Customer Relationship Management for Tourism

Doctor of Philosophy Programme in **BUSINESS ADMINISTRATION**

90,000 Baht per semester
540,000 Baht per programme

This is a three year PhD Programme in Business Administration. The programme is designed for graduates who desire an in-depth knowledge and understanding of business administration, while holding a strong determination to be an academic, researcher, and an expert in their particular business area.

Objectives:

After completing the programme, graduates will be able to:

- Have research competency in business administration and publish academic works and share information with people in the industry.
- Have the knowledge and management confidence in the business environment as well as welcome opportunities of knowledge in related fields.
- Have business ethics and social responsibility.
- *Plan 1.1: Dissertation (48 Credits)*
- *Plan 2.1: Coursework (18 Credits)*
Dissertation (36 Credits)

Available Courses

Integrated Business Strategy, Advanced Research Methodology in Business, Philosophy and Advanced Theory in Business, Seminar in Business Administration, Special Topics in Human Resource Management and Organisational Behaviour, Special Topics in International Business, Special Topics in Border Trade, Special Topics in Marketing Management, Special Topics in Financial Management, Special Topics in Logistics and Supply Chain Management



Doctor of MEDICINE

50,000 Baht per semester
600,000 Baht per programme

The Doctor of Medicine Programme at Mae Fah Luang University is currently only open to students with Thai nationality. The fees represented here are only relevant for Thai students.

The doctor of medicine curriculum is a reflection of the responsibility to produce efficient, caring and ethical medical graduates with lifelong curiosity, self-directed learning and appropriate attitude towards medical science and medicine, as well as health promotion, disease prevention and rehabilitation.

Students will be expected to develop their analytical skills systematically, make practical use of the acquired knowledge, communicate proficiently, possess leadership quality and base their practice on morality and ethics while at the same time placing a priority on public interest, contributing significantly to the society and be able to maintain themselves in the community.

Objectives:

After completing the programme, graduates will be able to:

- Have good morals, ethics and attitudes towards the medical profession.
- Possess confidence, faith and pride in the medical profession.
- Be interested in self-study, research and critical thinking to solve problems in a systematic way. Having potential to conduct research to solve problems and develop new knowledge including a clinical research with community-based focus.
- Have good attitude towards continuing education.
- Have good interpersonal skills as well as skills in the interpretation and personal communication. Being able to work as a team, capable in report writing, presentation and knowledge transfer.
- Be knowledgeable and have potential in various aspects (multi-potential), conduct medical profession efficiently with continuous professional development, have distinct leadership skills, have competency in community and family medicine, provide an education in health care, health promotion, disease prevention and public health to the community and society as a whole as well, and accommodate changes that occur over time
- Be knowledgeable and capable to understand and skilfully solve problems holistically by taking into account the causative factors including physical and psychological aspects, social, family and environment.
- Assess situations and their potentials.
- Practice both in urban and rural communities, being reliable for families and communities with ability to correctly and appropriately manage the situation.
- Selectively apply technology in health education and health care, health promotion, disease prevention and rehabilitation, and patient transfer, including in family planning as deemed necessary and in accordance with economic status of the patient and society.

SCHOOL OF MEDICINE

With the aim to produce doctors; giving emphasis to family and community medicine. Focusing on the care of patients, family and the community holistically, combining medical scientific subjects with behavioural and social sciences, including integrating the teaching and research and focusing primarily on the results of treatment and the quality of life of the patients.

The doctor of medicine curriculum of the Mae Fah Luang University School of Medicine is designed in accordance with guidelines of the National Education Act 1999 and 2002, the Medical Profession Act 1982, the Professional Standard of the Thai Medical Council 2002, the Implementation of the National Qualifications Framework for Higher Education 2009, Criteria for the approval of the curriculum for doctor of medicine (adopted by the Board of Directors for the Thai Medical Council, meeting No. 4/2012 on April 12, 2013) and the National Health Security Act 2002.

Career Opportunities

The medical graduates can be a medical doctor in government and private clinical institutions/agencies/departments of medicine and public health or being employed either at their home country or abroad.

Approach to Education

Students who graduate with good grades will have the opportunity to study for higher education in either various medical fields of speciality or master or doctoral degree in graduate school of medical science or related fields.

Contact Information

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SCHOOL OF

NURSING

Bachelor of NURSING SCIENCE

42,900 Baht per semester
343,200 Baht per programme

The School of Nursing at Mae Fah Luang University has committed to the intention of the King's Mother to foster environmental quality and human resource development by producing professional nurses who are good citizens with good morals and ethics. These nurses have the knowledge and competence in helping individuals, families, groups, and communities to achieve the maximum health within their environment, their home, and workplace through the promotion of health, prevention of illness and injuries, care for the ill, disabled, and dying, and the rehabilitation, advocacy and promotion of a safe environment, with research participation in shaping health policies and in health system management. To produce nurses with the stated competence, the students have to learn and understand holistically about the patient being an intellectual being with their own potential and dignity. This understanding will help them to empower individuals, groups, families, and communities to mobilise their maximum resources and potential to be self-reliant and able to care for themselves. The teaching learning process will emphasise on students being the centre within the learning environment, which facilitates the students' critical thinking and ability to develop lifelong self-directed learning, ability to work as equal partners with other health care professionals and to coordinate and manage the complex health care system. The students are also expected to be flexible and able to adapt appropriately to ever changing situations and a multicultural environment.

Core Courses

Principles of Biochemistry for Health Sciences, Principles of Biology, Principles of Physics, Pathophysiology, Anatomy and Physiology 1-2, Basic Microbiology Parasitology and Immunology, Pharmacology for Nurses, Human Development, Epidemiology, Nutritional Therapy

Major Required Courses

Health System and Nursing Profession, Health Promotion, Basic of Nursing Therapeutics, Adult Nursing 1-2, Nursing Process, Elderly Nursing, Adult and Elderly Nursing Practicum 1-2, Professional Laws and Ethics in Nursing, Maternity Nursing and Midwifery 1-2, Maternity Nursing and Midwifery Practicum 1-2, Paediatric and Adolescent Nursing, Paediatric and Adolescent Nursing Practicum, Mental Health Promotion and Psychiatric Nursing 1-2, Mental Health Promotion and Psychiatric Nursing Practicum, Community Nursing, Trauma and Disaster Nursing, Leadership and Service Management Practicum, Primary Medical Care, Primary Medical Care Practicum, Issues and Trends in Nursing Profession, Community Nursing Practicum, Clinical Profession Practicum, Leadership and Service Management, Nursing Research

The School of Nursing is a leading nursing academic institution, recognised nationally and internationally for its production of quality nursing graduates. It is a continuing education centre for nursing and health personnel in the Upper Northern Region of Thailand and the Mekong Subregion, and also serves as the beacon to direct the society's health. The School has four functions: education, research, community services, and cultural conservation.

About the School

The School of Nursing was established on 15 December 2006 to commemorate Her Royal Highness, the late Princess Mother, Princess Srinagarindra Mahidol, in recognition of her exemplary contribution toward the progress and advancement in the fields of nursing/midwifery and social services. The beloved Princess Mother had graduated from a nursing programme and throughout her lifetime had dedication and worked very hard to elevate the health status and quality of life of the Thai people.

The School of Nursing aims at educating quality nursing personnel to meet the health workforce needs of the country at both the basic and advanced levels, while promoting excellence in research to improve nursing services and solving national health problems. The School will also be serving as a continuing education centre for nurses, midwives, and health personnel of Thailand and neighbouring countries. The newly established school makes a significant contribution to the expansion of higher educational opportunities for young people in the North of Thailand and the ASEAN region as a whole.

Vision

Being a leading nursing academic institution which is recognised nationally and internationally for its production of quality nursing graduates.

**The Programme of Nursing is taught mainly in the Thai Language. Not recommended for students with less than a fluent ability in both written and spoken Thai language.*

Research Interests

Health promotion in vulnerable groups, strengthening the community through innovative self-care initiatives, chronic illness in all ages

Career Opportunities

As a registered nurse, graduates can work in all levels of health care, in both government and private settings. Nursing is one of the professional shortage areas of Thailand, 100 per cent of graduates are hence guaranteed employment. In addition, Mae Fah Luang University has placed an emphasis on English, Chinese and information technology skills that provide graduates with the interpersonal skills required to work in an international setting.

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SCHOOL OF

SCIENCE

With the vision of continuously striving towards excellence in science, technology and international recognition, providing graduates with a high quality education and instilling integrity in order to continuously promote the development of science, technology, economy, society as well as the environment.

About the School

The School of Science was established after the foundation of the University in 1999. The School conducts teaching and learning activities and research at the local, national and international levels. We regularly provide academic services and additionally always contribute to the preservation of Thai culture.

Vision

The School of Science continuously strives towards excellence in science and technology and international recognition.

Mission

The School of Science is committed to fulfil Her Majesty the Queen Mother's aspirations in reforestation and human resource development. We provide our graduates with high quality education and instil integrity in order to continuously promote development in science, technology, economy, society as well as the environment.

Research Interests

Development of an active research programme is essential not only for the innovative teaching and learning programmes and capacity development of the academic staff, but also for contributing to the national, regional (Particularly in the Greater Mekong Subregion) and international research for which the School has a comparative advantage in terms of its expertise and geographical location. The School of Science has an active, well-trained staff who is committed to developing appropriate research programmes, which meet national and regional needs.

International Collaboration

The School of Science has formed strategic alliances with key overseas institutions and universities to develop teaching quality and research technology. These institutions are, Newcastle University, University of Bath, University of Essex, and the National History Museum, UK; the Crop and Food Research Institute Christchurch, New Zealand; University of Innsbruck, Austria; Max-Planck Institute for Nuclear Physics, Germany; University of Helsinki, Finland; and the IRD, France.

Career Opportunities

Scientist, researcher, teaching/research assistant, lecturer, teacher, research and development expert, innovator, entrepreneur, consultant, sales person

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Bachelor of Science in APPLIED CHEMISTRY

29,250 Baht per semester
234,000 Baht per programme

The Bachelor of Science Programme in Applied Chemistry applies the principles of chemistry for research and development of chemical compounds that are crucial for various industries in Thailand, such as the medical, pharmaceutical, and the agro-industry. The programme aims to educate students to have both the knowledge and experience in three major areas of expertise namely, natural products, polymer science and technology, and analytical chemistry, to enable them to apply their expertise in the innovative development of the corresponding related fields that will play an important role in the economic and social development of the country.

Objectives:

After completing the programme, graduates will be able to:

- Have a basic knowledge of chemistry, especially in natural products, polymer, and analytical chemistry, and apply their knowledge practically for the development of science and technology in Thailand.
- Comprehend scientific methods and have preliminary knowledge in research practices.
- Be scientific entrepreneurs who are capable of creating innovation to the commercial and economic benefits of Thailand.
- Be equipped with morality and social responsibility.

Analytical Chemistry Major

Core Courses

Professional Ethics, Entrepreneurship for Science, General Chemistry 1-2, Introduction to Applied Chemistry, Analytical Chemistry 1-2, Physical Chemistry 1-2, Organic Chemistry 1-2, Principles of Biochemistry, Spectroscopic Methods in Chemistry, Principles of Inorganic Chemistry, Professional Experience, Seminar, General Biology 1-2, General Physics 1-2, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Advanced Biochemistry, Introduction to Chromatography, Introduction to Electrochemistry, Modern Analysis Methods, Selected Topics in Analytical Chemistry

Major Elective Courses

Heterocyclic Chemistry, Pericyclic Reaction, Organic Photochemistry, Scientific Writing and Publications, Environmental Chemistry, Forensic Chemistry, Chemical Separations, Bio-organic Chemistry, Nuclear Magnetic Resonance Spectroscopy for Natural Product Compounds, Advanced Organic Chemistry, Stereochemistry, Modern Organic Synthetic Reactions, Transition Metal Chemistry, Nutrition and Food Supplements, Computational Chemistry, Industrial Chemistry, Topic of Current Interest, Special Problem in Applied Chemistry, Polymer Blends and Composites, Modern Trends in Polymer Synthesis, Polymer in Solution, Biomedical Polymers, Textile Technology

Natural Products Chemistry Major

Core Courses

Professional Ethics, Entrepreneurship for Science, General Chemistry 1-2, Introduction to Applied Chemistry, Analytical Chemistry 1-2, Physical Chemistry 1-2, Organic Chemistry 1-2, Principles of Biochemistry, Spectroscopic Methods in Chemistry, Principles of Inorganic Chemistry, Professional Experience, Seminar, General Biology 1-2, General Physics 1-2, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Advanced Biochemistry, Organic Chemistry 3, Organic Synthesis, Natural Product Chemistry, Naturally Occurring Medicinal Products

Major Elective Courses

Heterocyclic Chemistry, Pericyclic Reaction, Organic Photochemistry, Scientific Writing and Publications, Environmental Chemistry, Forensic Chemistry, Chemical Separations, Bio-organic Chemistry, Nuclear Magnetic Resonance Spectroscopy for Natural Product Compounds, Advanced Organic Chemistry, Stereochemistry, Modern Organic Synthetic Reactions, Transition Metal Chemistry, Nutrition and Food Supplements, Computational Chemistry, Industrial Chemistry, Topic of Current Interest, Special Problem in Applied Chemistry, Polymer Blends and Composites, Modern Trends in Polymer Synthesis, Polymer in Solution, Biomedical Polymers, Textile Technology

Polymer Science and Technology Major

Core Courses

Professional Ethics, Entrepreneurship for Science, General Chemistry 1-2, Introduction to Applied Chemistry, Analytical Chemistry 1-2, Physical Chemistry 1-2, Organic Chemistry 1-2, Principles of Biochemistry, Spectroscopic Methods in Chemistry, Principles of Inorganic Chemistry, Professional Experience, Seminar, General Biology 1-2, General Physics 1-2, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Polymer Synthesis and Characterisation, Polymer Synthesis and Characterisation Laboratory, Polymer Degradation and Stabilisation, Natural Polymers, Structure-Property Relationships in Polymers, Polymer Processing

Major Elective Courses

Heterocyclic Chemistry, Pericyclic Reaction, Organic Photochemistry, Scientific Writing and Publications, Environmental Chemistry, Forensic Chemistry, Chemical Separations, Bio-organic Chemistry, Nuclear Magnetic Resonance Spectroscopy for Natural Product Compounds, Advanced Organic Chemistry, Stereochemistry, Modern Organic Synthetic Reactions, Transition Metal Chemistry, Nutrition and Food Supplements, Computational Chemistry, Industrial Chemistry, Topic of Current Interest, Special Problem in Applied Chemistry, Polymer Blends and Composites, Modern Trends in Polymer Synthesis, Polymer in Solution, Biomedical Polymers, Textile Technology

Bachelor of Science in BIOSCIENCES

29,250 Baht per semester
234,000 Baht per programme

The bioscience programme is an interdisciplinary programme that focuses on three fields: biotechnology, microbiology, and plant science. The learners can apply their acquired knowledge into practise for the benefit of the community and the development of a sustainable economic policy. Apart from knowledge of biosciences, the graduate will have acquired a better English proficiency, the ethical code, and social responsibility. They will also be able to show their academic performance regarding working, research conducting, and in initiating innovations.

Objectives:

After completing the programme, graduates will be able to:

- Provide comprehensive and integrated studies of bioscience for their careers.
- Acknowledge social, environmental, economic, professional, and ethical responsibilities.
- Cooperate in team work.
- Create, integrate, and apply knowledge as well as technologies in the initiation of innovations.

Core Courses

Cell and Molecular Biology, Professional Ethics, General Chemistry 1-2, Principles of Analytical Chemistry, Principles of Physical Chemistry, Principles of Organic Chemistry, Principles of Biochemistry, General Biology 1-2, Microbiology, Genetics, General Physics 1-2, Mathematics 1-2, Statistics and Experimental Design

Major Required Courses

Introduction to Biotechnology, Environmental Biotechnology, Bioscience Laboratory Practices, Bioinformatics, Gene Technology, Seminar, Entrepreneurship for Science, Scientific Writing and Publications, Ecology, Professional Experience, Special Problem

Major Elective Courses

Bioprocess, Bioenergy, Introduction to Immunology, Plant Tissue Culture, Principles of Virology, Plant Physiology, Plant Systematics, Plant Breeding, Introduction to Apiculture, Industrial Biotechnology, Medical and Pharmaceutical Biotechnology, Economic Crop Production, Plant Genetic Engineering, Current topics in Plant Biotechnology, Industrial Microbiology, Microbial Physiology, Algal Biotechnology, Food Biotechnology, Microbial Biotechnology, Mycology, Bacterial Diversity and Systematics, Food Microbiology

Bachelor of Engineering in **MATERIALS ENGINEERING**

39,000 Baht per semester
312,000 Baht per programme

For Honours (5 years)
39,000 Baht per semester (7 semesters)
65,000 Baht per semester (3 semesters)
468,000 Baht per programme

The objectives of this programme are to provide a learning environment, opportunities, and encouragement for our undergraduate students to become well-rounded engineers with high competencies in the following:

Objectives:

- Materials testing and characterization as well as new materials research and development.
- Materials production design and manufacturing operations.
- Problem solving and team work.
- Applying their professional knowledge and skills with social conscience.

Core Courses

Chemistry for Engineers, Physics for Engineers 1-2, Mathematics 1-2, Computation Methods for Engineers, Statistics and Experimental Design, Engineering Drawing, Workshop Skills, Mechanics of Materials, Fundamentals of Electrical Engineering, Thermodynamics of Materials, Production and Operations Management, Computer Programming, Introduction to Materials Engineering, Materials Engineering Lab 1-4, Polymeric Materials, Ceramic Materials, Physical Metallurgy, Mechanical Behaviour of Materials, Characterization of Materials, Industrial Visits, Materials Processing, Materials Manufacturing, Fundamentals of Composite Materials, Degradation and Failure of Materials, Academic Literature and Presentation Skills, Materials Selection and Design, Materials Engineering Seminar, Materials Engineering Project, Thesis (for Honours programme only)

Major Elective Courses

Biopolymers and Biocomposites, Electroceramics, Introduction to Industrial Ceramics, Nanomaterials, Packaging Materials, Advanced Materials Processing, Construction Materials, Surface Engineering, Engineering Tools Design, Engineering Safety, Textile Technology, Professional Experience, Cooperative Education or Overseas Training.



Master of Science in APPLIED CHEMISTRY

45,500 Baht per semester
182,000 Baht per programme

This programme aims to produce graduates with academic excellence, specialising in research and development in pure and applied chemistry, to obtain newfound knowledge that can be applied to innovation and economic value, recognised at both national and international levels.

Objectives:

After completing the programme, graduates will be able to:

- Develop the knowledge and expertise in the field of chemistry.
- Develop to become a professional researcher in the field of chemistry.
- Have the potential to become an independent professional chemist.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (18 Credits)/ Thesis (18 Credits)

Major Required Courses

Advanced Analytical Chemistry, Advanced Instrumental Analysis, Advanced Organic Chemistry, Master Seminar 1-2

Major Elective Courses

Chromatography, Electrochemical Analysis, Selected Topics in Analytical Chemistry, Surface Chemistry, Forensic Chemistry, Green Chemistry, Advanced Physical Chemistry, Advanced Organic Spectroscopy, Chemistry of Natural Products, Advanced Organic Syntheses, Selected Topics in Organic Chemistry, Medicinal Chemistry, Advanced Inorganic Chemistry

Master of Science in BIOSCIENCES

45,500 Baht per semester
182,000 Baht per programme

This programme aims to produce graduates with an expertise in biological research. It is expected that graduates will be motivated and can apply their knowledge and experience to produce value-added products.

Objectives:

After completing the programme, graduates will be able to:

- Develop a sound scientific understanding and skills in the bioscience-related field.
- Satisfy employer demands in bioscience-related industries.

Total credits required: 36

- Plan A: Thesis (36 Credits)

Master of Science in BIOTECHNOLOGY

45,500 Baht per semester
182,000 Baht per programme

This is a multidisciplinary programme that uses the application of biological understanding to create products that benefit society and support sustainable economic development. This programme leads to the development, building up of research and attainment of innovative knowledge, which can be applied to various areas such as agriculture, medicine, industry and the environment. Here, our aim is to educate students to have professionalism in both academics and ethics, with respect of the philosophy of the Mae Fah Luang University. We also aim for emphasis on research-based development in the fundamental and applied sciences, which is recognised at both national and international levels.

Objectives:

After completing the programme, graduates will be able to:

- Have knowledge and an expertise in biotechnology.
- Become a professional researcher in the biotechnology field.
- Work as an entrepreneur.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)/Thesis (12 Credits)

Major Required Courses

Advanced Biochemistry, Molecular Biology and DNA Technology, Seminar 1-2, Professional Ethics for Biotechnology and Bioindustry, Research Methodology

Major Elective Courses

Bioinformation, Advanced Plant Tissue Culture, Plant Cytogenetics, Advanced Plant Physiology, Plant Genetics Manipulation, Genetics of Lactic Acid Bacteria, Fungal Diversity and Applications, Metabolic Engineering, Biomass in Biotechnology, Recombinant Protein Technology, Enzyme Technology, Trends in Biotechnology



Master of Science in COMPUTATIONAL SCIENCE

45,500 Baht per semester
182,000 Baht per programme

This programme is designed to produce graduates who are experts in research on computational science, a field consisting of the knowledge in science, applied mathematics, and computers, including other related fields, by using mathematical modelling or high performance computation to ascertain understanding, which leads to optimum conditions and the prediction of results.

Objectives:

After completing the programme, graduates will be able to:

- Have potential in the research and development of science, technology, and computers and apply this knowledge to ascertain understanding which can lead to optimum conditions and the prediction of results.
- Support the integration research by using the knowledge of science, mathematics and computers including other related fields.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)/ Thesis (12 Credits)

Available Courses

Introduction to Computational Science, Introduction to Mathematical Modelling, Practical Programming, Research Methodology in Computational Science, Numerical Analysis, Seminar in Computational Science 1-2, Quantum Science, Waves and Electromagnetism, Introduction to Space Science, Radiative Processes in Astrophysics, Plasma Physics, Thermodynamics and Statistical Physics, Heat and Mass Transfer, Fluid Mechanics, Introduction to Turbulence, Special Topics in Astrophysics, Partial Differential Equations, Statistical Methods, Advanced Ordinary Differential Equations, Principles of Partial Differential Equations, Calculus of Variations, Group Analysis of Differential Equations, Computer Application for Statistical Analysis, Finite Element Method, Special Topics in Mathematics, Special Topics in Computational Physics, Special Topics in Computational Chemistry, Eco-Informatics, Ecological Modelling, Sensor-Based Ecology, Area-Based Ecology and Biodiversity, Special Topics in Computational Ecology, Special Topics in Computational Biology, Visualisation and Computer Graphics, Introduction to Geographic Information Systems, Special Topics in Application of Databases in High Performance Computing, Special Topics in Parallel and Cluster Computing

Master of Science in MATERIALS SCIENCE

45,500 Baht per semester
182,000 Baht per programme

This programme, which could lead to a PhD, encompasses a wide range of studies from fundamental to emerging concepts and technologies in materials science, aiming to provide the students with a solid foundation in the field of materials science and technology. The students will be exposed to the latest advances in this field via a series of research colloquiums. In addition, students will have an opportunity to conduct short-term research in a stimulating research environment. After one year, providing that they pass the Qualifying Examination arranged by the School, MSc students with outstanding research performance or an excellent academic record can be transferred to the PhD programme.

Objectives:

After completing the programme, graduates will be able to:

- Have good scientific skills, understanding in the fundamental science of materials, conduct independent research, and be open-minded.
- Have acquired full ethics and moral awareness for their professional careers.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)/Thesis (12 Credits)

Major Required Courses

Introduction to Materials Science and Engineering, Properties of Materials, Mechanical Properties of Materials, Materials Chemistry, Characterisation of Materials

Major Elective Courses

Applications of Mathematics to Materials Science, Advanced Characterisation of Materials, Introduction to Crystallography, Materials for Biomedical Applications, Electronic materials, Thermodynamics and Kinetics, Phase Transformations, Extraction and Processing of Metals and Industrial Alloys, Oxidation, Corrosion and Surface Engineering, Structure and Properties of Ceramics, Ceramic Processing Technology, Industrial Ceramics, Ferroelectric Materials and Application, Structure and Physical Properties of Polymers, Polymer Processing, Polymer Synthesis and Characterisation, Composite Materials

Master of Science in NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT

75,000 Baht per semester
300,000 Baht per programme
(International Programme)

The Master of Science in Natural Resources and Environmental Management is designed to develop competent managers and policy analysts from many different countries, who are able to devise effective, relevant, and realistic approaches to solving complex problems regarding natural resources and the environment. The programme focuses on the design of comprehensive approaches to issues within the Asia Pacific Region and the Greater Mekong Subregion (GMS). Policies and plans that address the complexity of ecological security challenges and livelihood dependence on ecological services in this region, along with the difficulties of managing potent transboundary effects, constitute a priority in both the teaching and research elements of this programme. The graduate curriculum covers multidisciplinary elements of the physical, biological, and social sciences, supplemented by training in technical research and analytical methods. Following comprehensive coursework, each student completes a Master's thesis on a topic relevant to current environmental problems and concerned students are exposed to controversial environmental issues as climate change, sustainable development, and non-regulatory approaches to biodiversity protection. This ensures that they are fully equipped with the ability to create rational policies and devise impartial problem solving procedures that can practically be implemented to achieve improved management of natural resources and the environment in the region and beyond in the years and decades ahead.

Objectives:

After completing the programme, graduates will be able to:

- Devise rational and impartial problem solving procedures at both local and national levels that can improve the management of natural resources and the environment in the GMS and Asia Pacific Region.
- Translate theoretical knowledge into practical solutions that can be implemented, and which are relevant to the issues of natural resources and environmental management in the public and private sectors.
- Analyse and design a procedure and a process for natural resources and environmental management based on knowledge in various disciplines, such as environmental science, biophysical science, socioeconomic science, policy science and system science.
- Follow ethical and sustainable development principles and work for the benefits of their own and other countries in the GMS and Asia Pacific Region.

Total credits required: 36

- Plan A1: Thesis (36 Credits)
- Plan A2: Coursework (24 Credits)/Thesis (12 Credits)
- Plan B: Coursework (33 Credits)
Independent Study (3 Credits)

Major Required Courses

Dynamics of Natural Resources and Environmental Systems, Sustainable Economic Development and Conservation, Ecosystem Form and Function, and Biodiversity Conservation, Regulations, Policy and Planning for Natural Resources and the Environment, Environmental and Socioeconomic Impact Assessment and Risk Management

Major Elective Courses

Limnology, Soil, Water, and Nutrient Management, Forestry and Forest Management, Ecosystem Dynamics, Clean Technologies, Natural Resource and Environmental Economics, Environmental Management in the Private Sector, Society and Natural Resources, Policy Formulation for Natural Resources and Environmental Management, Methodology for Natural Resources and Environmental Management Research, Data Collection and Analysis for Natural Resources and Environmental Management, Environmental Decision Making, Dynamic Systems Modelling for NREM Policy Analysis, Special Topic 1-5, Seminar, Remote Sensing, Geographic Information Systems and Positioning Systems, Public Participation and Environmental Conflict Resolution, Integrated Environmental Product Policy, Stable Isotope in Ecology and Environmental Science, River Basin Environment and Management, Environmental Pollution Control & Prevention, Genetics of Environment, Environmental Biomarkers, Auditing Social and Environmental Impact of Development Projects, Collective Action Theory and Application to Natural Resources Environmental Management



Doctor of Philosophy in **APPLIED CHEMISTRY**

Plan 1.1: 41,600 Baht per semester
249,600 Baht per programme
Plan 1.2: 37,440 Baht per semester
374,400 Baht per programme

Chemistry is the foundation of the other fields of sciences. Therefore, the creation and development of valuable scientific knowledge in chemistry, especially in its practices, play a role in the development to the advancement of science and technology, which will affect the country's development as well as its ability to compete internationally. Our aim is to produce graduates with academic excellence, ethics, integrity as well as research expertise and the advancement of technology according to the philosophy of Mae Fah Luang University.

Objectives:

After completing the programme, graduates will be able to:

- Have a knowledge of chemistry and the ability to conduct in-depth research, creating new knowledge from research and applying this to create a benefit.
- Foster collaboration with academic organisations in Thailand, both the public private organisations, or internationally through research.
- Work in line with the vision of the University to develop the University's excellence in research.

- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)

Doctor of Philosophy in **BIOSCIENCES**

Plan 1.1: 41,600 Baht per semester
249,600 Baht per programme
Plan 1.2: 37,440 Baht per semester
374,400 Baht per programme

This programme intends to train high calibre graduates with the fundamental knowledge and research experience. The graduates are expected to be competitive and meet international standards in the field of biological sciences.

Objectives:

After completing the programme, graduates will be able to:

- Develop an in-depth scientific understanding and skills in the bioscience-related field.
- Satisfy employment demands in the bioscience-related industry.

- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)

Doctor of Philosophy in **BIOTECHNOLOGY**

Plan 1.1: 41,600 Baht per semester
249,600 Baht per programme
Plan 1.2: 37,440 Baht per semester
374,400 Baht per programme

Biotechnology is multidisciplinary programme that uses the application of biological understanding, particularly in agriculture, industry, medicine and environment, to create products that benefit society and support the country's development. We aim to educate students not only to have an excellent knowledge in biotechnology but also to have professional ethics in their scientific area, which is the philosophy of Mae Fah Luang University. Moreover, we aim for our research projects to be acknowledged at both national and international levels.

Objectives:

After completing the programme, graduates will be able to:

- Have a knowledge of biotechnology and the ability to conduct in-depth research, creating new knowledge from research and applying this to create a benefit.
- Foster collaboration with academic organisations in Thailand, both the public and private organisations, or internationally through research for the dissertation.
- Work in line with the vision of the University to develop the University's excellence in research.

- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)



Doctor of Philosophy in COMPUTATIONAL SCIENCE

Plan 1.1: 41,600 Baht per semester
249,600 Baht per programme
Plan 1.2: 37,440 Baht per semester
374,400 Baht per programme

The PhD Programme in Computational Science is designed to produce graduates who are experts in research on computational science, a field consisting of the knowledge in science, applied mathematics, and computers, including other related fields, by using mathematical modelling or high performance computation to ascertain understanding which leads to optimum conditions and the prediction of results.

Objectives:

After completing the programme, graduates will be able to:

- Integrate science, technology and computing techniques in scientific research.
- Develop research in the computational way by oneself.
- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)
- Plan 2.1: Coursework (12 Credits)
Dissertation (36 Credits)
- Plan 2.2: Coursework (24 Credits)
Dissertation (48 Credits)

Major Required Courses

Introduction to Mathematical Modelling, Research Methodology in Computational Science, Numerical Analysis, Advanced Mathematics for Computational Science, Seminar in Computational Science 1, Seminar in Computational Science 2, Seminar in Computational Science 3, Seminar in Computational Science 4

Major Elective Courses

Quantum Science, Waves and Electromagnetism, Introduction to Space Science, Radiative Processes in Astrophysics, Plasma Physics, Thermodynamics and Statistical Physics, Heat and Mass Transfer, Fluid Mechanics, Introduction to Turbulence, Special Topics in Astrophysics, Partial Differential Equations, Statistical Methods, Advanced Ordinary Differential Equations, Principles of Partial Differential Equations, Calculus of Variations, Group Analysis of Differential Equations, Computer Application for Statistical Analysis, Finite Element Method, Special Topics in Mathematics, Numerical Linear Algebra, Advanced Numerical Analysis, Special Topics in Computational Physics, Special Topics in Computational Chemistry, Eco informatics, Ecological Modelling, Sensor-Based Ecology, Area-Based Ecology and Biodiversity, Special Topics in Computational Ecology, Special Topics in Computational Biology, Artificial Neural Networks, Image Processing, Visualisation and Computer Graphics, Introduction to Geographic Information Systems, Special Topics in Application of Databases in High Performance Computing, Special Topics in Parallel and Cluster Computing

Doctor of Philosophy in MATERIALS SCIENCE

Plan 1.1: 41,600 Baht per semester
249,600 Baht per programme
Plan 1.2: 37,440 Baht per semester
374,400 Baht per programme

Materials science involves the study of the natural behaviour of materials in order to understand the relationship between their structures at different levels and physical properties. The underlying foundation of materials science is the application of knowledge in the fundamental science areas such as physics, chemistry and biology, to explain behaviours of materials which lead to different applications. Our PhD training programme is a research-based programme in a specialised field of materials. Under completion of their degree, students must be able to conduct independent research to seek knowledge and publish their new findings at the international level.

Objectives:

After completing the programme, graduates will be able to:

- Develop to become scientists with a fundamental understanding of materials science with strong initiative and the ability to seek knowledge for research which contributes to new knowledge.
- Create a systematic plan for conducting research on their own and are able to make quality research, which can lead to the creation of new innovations that bring benefits to the economy and society.
- Plan 1.1: Dissertation (48 Credits)
- Plan 1.2: Dissertation (72 Credits)

Available Courses

Advanced Characterisation, Research Methodology and Documentation, Materials Structure, Selected Topics in Materials Science, Synthesis of Nano-sized Materials, Eco-friendly Composite Materials, Electronic Materials, Ceramic Materials, Industrial Ceramics, Ferroelectric Materials and Applications, Biomedical Polymer Materials

Doctor of Philosophy in NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT

92,000 Baht per semester for 5 semesters and
90,000 Baht for 1 semester
550,000 Baht per programme
(International Programme)

The PhD Programme in Natural Resources and Environmental Management is designed to develop human resources with good interdisciplinary knowledge and innovative research methodologies. Using English as the medium of instruction, it aims to facilitate original research contributions, which devise effective and relevant approaches to solving problems in natural resources and environmental management (NREM) in the Greater Mekong Subregion (GMS) and Asia Pacific Region with their similar environments. This is being done with a view to meeting the goals of sustainable development for the Subregion. The dissertation committee will include at least one external co-advisor from a reputable university in Asia or beyond, and the research outputs should be published in international, refereed journals. The research activities for doctoral students will focus particularly on the problem solving of natural resource and environmental issues, frequently involving local communities through their participation, including natural resource conservation and environmental protection across the region. Through solving real-world problems, it is expected that the research will lead, for example, to the development of innovative environmental risk assessment methods, new concepts and ideas for eco-friendly industrial production, to create more rational and effective environmental protection and natural resource use policies. The research activity will involve cooperation with various national, regional, and international organisations.

Objectives:

After completing the programme, graduates will be able to:

- Devise rational and impartial problem solving procedures that can improve the management of natural resources and the environment especially at the regional level.
- Translate theoretical knowledge into practical solutions that can be implemented and, which are relevant to the policies and issues under the investigation.
- Synthesise an interdisciplinary procedure and process for natural resources and environmental management.
- Follow ethical and sustainable development principles and work for the benefits of their own and the other countries in the GMS and Asia Pacific Region.

Total credits required: 48

- Plan 1: Dissertation (48 Credits)
- Plan 2: Coursework (12 Credits)
Dissertation (36 Credits)

Major Required Courses

Dynamics of Natural Resources and Environmental Systems, Regulations, Policy and Planning for Natural Resources and the Environment, Environmental and Socioeconomic Impact Assessment and Risk Management, Seminar, Special Topic, Proposal Dissertation



HOW TO APPLY

1 CHOOSE YOUR PROGRAMME

From the 12 Schools listed in this guide choose one programme that you wish to apply for.

2 SUBMIT APPLICATION FORM

Complete the online application form at www.mfu.ac.th and click submit. Paper applications are also accepted and can be collected in person, or downloaded from the website.

3 RECEIVE CONFIRMATION

E-mail or telephone confirmation will be received in approximately 2 weeks. If other documents are required, notification will be sent. This will be followed by an official letter and the necessary visa supporting documents.

4 ARRIVE AT THE MFU CAMPUS

Provide original copies of all necessary documents and pay application fee. Arrive 2 weeks before the registration date to participate in the orientation and 'how to live and learn' activities.

5 REGISTER FOR CLASSES

Once registered, payment of full fees must be made within 2 weeks, you then become an official Mae Fah Luang University student!

INFORMATION FOR APPLICANTS

MFU welcomes all well-qualified applicants from all over the world. International students can apply anytime throughout the year. All applications are considered based on their individual merit, evaluated on a broad range of criteria indicative of the applicant's readiness and suitability for university study. These may include their academic performance, demonstrated strengths or experience in relevant areas, and other indicators of personal preparedness. In some cases, before acceptance is granted, an interview may be required; if this is the case it is to ensure that the correct assessment of the applicant's potential to conduct their studies at Mae Fah Luang University is made.

The International Affairs Division (IAD) offers friendly and helpful advice, from the initial enquiry stage, assistance with application procedures, as well as immigration and travel guidance.

Once you have arrived, the IAD will offer assistance with orientation, accommodation, health insurance, fees and finances, visa extensions (and 90 day check-ins), as well as guidance during your studies.

All staff in the IAD office are fluent in English. The IAD has dedicated student support staff who are highly motivated and willing to provide you with the advice and support you'll need throughout your studies.



MFU ADMISSION REQUIREMENTS

Undergraduate

- High school certificate or equivalent to grade 12, as certified by the Ministry of Education

Graduate

- Bachelor's degree or equivalent from an accredited university with GPA of 2.5 or above

If GPA is below 2.5, applicants must have shown strength in their core courses or have at least 1 year work experience in a relevant field

Doctorate

- Master's degree or equivalent from an accredited university or Bachelor's degree (Honours) in related field, with GPA of 3.25 or above
- Proven experience in research/thesis writing

**All applications will be considered based on their individual merit*

ENGLISH LANGUAGE REQUIREMENTS

If English is not your first language, you'll need to provide us with an English proficiency test score. If no English proficiency test score is provided for undergraduate courses, intensive English classes must be taken.

Undergraduate

- 480 TOEFL
- 5.0 IELTS

**Please note: Undergraduate students who do not present their test scores must take Intensive English Foundation courses during their first semester at an additional charge.*

Graduate/Doctorate

- TOEFL 500 Paper-based, 200 Computer-based, 70 Internet-based
- IELTS 5.5

TRANSFER TO MFU

Students from all accredited colleges and universities are invited to submit a written request for credit transfer to MFU, along with their official transcripts and course descriptions. Credit transfer tends to be a lengthy process, demanding strict academic review and a significant amount of document exchanges between the universities. With this in mind you are advised to submit the written request for transfer, application for admission to MFU, official transcript and course descriptions at least 60 days prior to the start of the semester in which you wish to commence your programme of study. The credit transfer to MFU must be processed and approved within the first term of study.

NEED HELP?

The International Affairs Division of MFU is here to help!

Phone: +66 (0) 5391 6024

E-mail: inter@mfu.ac.th

Facebook: [facebook.com/inter.mfu](https://www.facebook.com/inter.mfu)

Twitter: @intermfu

SCHEDULES & DEADLINES

1st semester application period: 1 December - 31 May

First Semester

Semester starts	Late August
Midterm examination period	Late October
Last day of classes	Mid December
Final examination period	Mid December
Semester ends	Late December

Second Semester

Semester starts	Late January
Midterm examination period	Late March
Last day of classes	Mid May
Final examination period	Late May
Semester ends	Late May

Summer Session

First day of classes	Late June
Last day of classes	Early August
Final examination period	Early August
Session ends	Early August



INFORMATION FOR INTERNATIONAL APPLICANTS

Visa and entry information

International students will need to wait for the Confirmation of Acceptance of Admission letter from MFU in order to apply for a Non-immigrant ED (Education) Visa from the Royal Thai Embassy or Consulate in your country. Most embassies require a certain amount of time for this process, so please keep this in mind. This visa may be extended once you have begun studying.

DO NOT enter Thailand on a Tourist or a Transit Visa expecting to be able to simply change to an Education Visa once already here. Changing from a Tourist Visa to an Education Visa requires a trip to the Immigration Department in Bangkok, taking along your official MFU documentation. Tourist or Transit Visas cannot be extended over the entire duration of your period of study.

The International Affairs Division will provide the necessary information and assistance when you need to extend your visa or apply for a re-entry permit. More detailed information is available here: <http://www.mfu.ac.th/division/inter/visa.php>

When you arrive

Arriving for the first time in a foreign country can be a bit daunting, especially considering any language limitations or lack of travel experience. For these reasons we can arrange to meet you at the Mae Fah Luang Chiang Rai International Airport (CEI) or the Chiang Rai Provincial Bus Interchange upon request. The International Affairs Division is happy to provide services you may require in getting set up for the first period of your stay at MFU, this may include arranging transport to the local shopping centres to purchase bedding materials or providing a campus tour. If there is anything you need help with, anything at all, please let us know!

Accommodation

All international students are guaranteed dormitory rooms on campus for their first year of study at MFU. Dormitory rooms include two single sized bunk-beds and mattresses (Not including bedding), four study desks, four clothes wardrobes, an en suite bathroom with heated water and a ceiling fan. Rooms will be cleaned thoroughly before the new students arrive. The application for accommodation form will be sent along with your acceptance letter to MFU.

Private off campus dormitories are available, but only for students in their second year of study and higher, as it is compulsory for all first year students to live on campus. The range of private accommodation and their prices vary widely. MFU does not recommend for international students to live off campus, as it makes access to university support services and learning resources much more difficult and requires one's own personal transport.

Orientation

All international students are invited to attend the international student orientation before the start of semester. The orientation will follow the 'How to Live and Learn' activities organised by the University for all new students. The 'How to Live and Learn' activities last one week before the start of semester.

Social events

Throughout the year, the International Affairs Division arranges several social, entertainment and cultural activities to help you make the most of your time and relax during the academic year. We also offer trips and city tours to all new international students, so keep posted and be ready to join in! Examples of such activities are: MFU's Got Talent Competition, International Food Festivals, Celebrations of International Independence Days, Special tours of Chiang Rai and ASEAN Cultural Festivals. The best way to follow what's going on is through the International Affairs Division's Facebook, so please add us: <http://www.facebook.com/inter.mfu>

Working in Thailand

Students studying in Thailand on a Non-immigrant ED (Education) Visa are NOT eligible to receive a Work Permit, therefore it is illegal to work while studying in Thailand.



OTHER STUDY OPPORTUNITIES

Exchange studies at MFU, short-term study opportunities and a variety of courses will offer you a different perspective on your field of study and create new career and academic possibilities.

Study Abroad

International students currently enrolled at accredited overseas universities may be eligible to study at MFU for one or two semesters under the Study Abroad programme.

Credit gained at MFU is in most cases transferable to your degree at your home university.

Study Abroad tuition fees are 33,000 Baht per semester regardless of the number of courses taken. A standard full-time study load for one semester at MFU is 22 credits.

Eligibility criteria

Academic eligibility

To meet the academic eligibility requirements, you must:

- Have completed at least one full-time year of study at an accredited university.
- Be enrolled at an accredited university
- Meet specific courses prerequisites for admission into certain courses.
- Have average to above-average results in university studied to date.

English language requirements

If English is not your first language you'll need to provide us with an English proficiency test score.

- 450 TOEFL
- 5.5 IELTS

Exchange to MFU (Inbound)

International students currently enrolled at an accredited overseas university may be eligible to study at Mae Fah Luang University for one or two semesters if their university has an exchange agreement with MFU.

Eligibility criteria

Academic eligibility

To meet the academic eligibility requirements, you must:

- Have completed at least one full-time year of study at an accredited university.
- Be enrolled at an accredited university.
- Be nominated by your home university.
- Meet specific courses prerequisites for admission into certain courses.
- Have average to above-average results in university studied to date.

English language requirements

If English is not your first language you'll need to provide us with an English proficiency test score.

- 450 TOEFL
- 5.5 IELTS

Exchange from MFU (Outbound)

If you are enrolled at MFU, the MFU Abroad programme offers you the exciting experience of studying overseas for one or two semesters on exchange, while gaining credit toward your MFU degree.

The programme is an ideal way to combine study and travel. In addition to the adventure of discovering a new culture first-hand, or improving foreign language skills, you will broaden your career and academic opportunities and gain a different perspective on your studies. Studying overseas is a rewarding experience, increases self-confidence, increases self-awareness and establishes a worldwide network of friends.

Mae Fah Luang University has exchange agreements with more than 37 universities in 17 countries. Under exchange, tuition fees at the host university are waived. You will continue to be enrolled and pay fees at MFU and are responsible for your own airfares, accommodation, personal insurance, and living costs.

MFU offers an airfare scholarship for MFU students going on exchange, and in many cases additional benefits are available.



FEES AND FINANCIAL PLANNING

Studying at a university can be quite expensive, particularly for international students in Thailand, who are not permitted to do part-time work. Fortunately, the cost of living and fees at Mae Fah Luang University compare very favourably to other institutions that teach in English, both in Thailand and around the world. The University is its own self-sufficient campus and provides everything that students need, including free across-campus wifi, inexpensive food (breakfast to dinner, 365 days per year), free transport, convenient accommodation, world-class sports centres and great entertainment facilities. Everything on campus is guaranteed to be cheap, and students rarely ever need to leave MFU - except for when leaving on trips!

Working out the amount of money required for your studies can cause a lot of confusion - so we have provided a helpful fee calculation sheet on the opposite page to let you work out the approximate amount of money you will need while studying at MFU. The amounts provided are average minimum amounts and should not be considered as the exact or final figure. This data is only meant to be used as a guide in helping you make a decision and work out your financial planning. For the exact cost of undergraduate, graduate or doctorate fees please refer to the programme details earlier in this prospectus.

PERSONAL EXPENSE CALCULATION SHEET

Estimated personal expenses

Item	Per Week (THB)	Per Semester (17 weeks)(THB)
Food and drinks (30 THB meals)	800	13,600
Shopping/entertainment	750	12,750
Study materials	145	2,400
Mobile phone/electricity bills	200	3,400
Travel	100	1,700
Other expenses	200	3,400
Wifi	Free	Free

Personal subtotal	2,195	37,250
Additional personal allowance		
PERSONAL TOTAL		

University fees per semester

On campus accommodation	4,000
Programme fees per semester	
UNIVERSITY FEE TOTAL	

TOTAL EXPENSES PER SEMESTER (Personal total + university fees)	THB USD <i>*1,000 USD = approximately 32,000 THB</i>
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Other additional fees and costs

Damage insurance fees (onetime payment)	2,000 THB
Health/accident insurance fees (per year)	2,700 THB
General grounds and maintenance fees (per year)	400 THB
Freshy Package (onetime payment)	2,000 THB

SCHOLARSHIP INFORMATION

Scholarships and financial support

Mae Fah Luang University offers full scholarships to different GMS countries, reconsidered on a yearly basis. Several other scholarships are available throughout the year with different selection criteria. Please contact the International Affairs Division for details.

MFU has a policy of being the University of Opportunity, and that no one should be denied access to quality education for reasons of financial inadequacy. Requests for support of this nature will be considered on an individual needs basis and must be approved by the President of the university. If MFU is the right place for you but you can't afford a place here, we invite you to submit the attached scholarship application form along with a detailed statement of your case.

The Student Development Division also offers several needs based forms of assistance to students who may be experiencing financial difficulty during their studies, and 1,000 Baht loans that are to help the students when in desperate need, as shown in the following section.

Scholarships for 1st year undergraduate international students

Mae Fah Luang University will award scholarships (full scholarship) for international students from the Greater-Mekong Subregion (South China, Myanmar, Cambodia, Laos and Vietnam) and Bhutan. The purpose of the scholarship is to encourage international students with a strong academic background, but insufficient financial support, to excel in their area of study in any field at Mae Fah Luang University.

Any student from a GMS country or Bhutan is qualified to apply for this scholarship.

The scholarship covers tuition fees, the University's assigned dormitory fee, health insurance, text book, Intensive English Courses and a monthly personal allowance for 12 months during each academic year.

The scholarship award will be announced at <http://www.mfu.ac.th> during December of each year.

Student Development Division grants and financial assistance

The University has a policy to provide scholarships for good, well-behaved students in financial trouble. Since its inception, the University has been supporting students financially, based on its resolution that, "The University will not let any student who is capable of learning drop out of the university due to financial shortcomings."

Purpose of grants

1. Students with a financial shortage shall receive a scholarship until they graduate, provided that they are well-behaved, hard-working, persevering and economical.
2. The students are assisted to successfully overcome unexpected financial obstacles.
3. There are to be sufficient scholarships for the students in need.

Qualifications of the grantee

1. Currently enrolled as a Mae Fah Luang University student.
2. In need of financial support for education.
3. Regularly participating in the University's activities.
4. Well-behaved, hard-working, persevering and economical.
5. Upon applying for an MFU scholarship, not concurrently receiving another scholarship.
6. Having a minimum cumulative grade point average (GPAX) of 2.00 upon submitting a scholarship application.
7. If an applicant is under any of the following conditions, their application shall be considered by the Scholarship Committee on a case-by-case basis:
 - a. The applicant's parents are deceased.
 - b. The applicants' parents have been handed a prison sentence that outlasts the period of the applicant's completion of education.
 - c. The applicant's parents have been declared bankrupt.
 - d. The applicant's parents are incapacitated, semi-incapacitated or completely unable to provide the applicant with the proper financial support for education.

Other benefit schemes

1. **Lunch Project** - This project aims to ease the financial burden of the students working part-time for the university's various divisions. The working students shall receive coupons with which to buy lunch at participating food shops on campus.
2. **Emergency Loans** - Students with sudden or unexpected financial needs, whether for welfare or educational purposes, may apply for an interest-free emergency loan of THB 1,000 which shall be repaid within one month.
3. **Delayed payment for tuition** - to ease the financial burden of students in need, the university allows for delayed payment of all or part of the tuition fees. The remaining unpaid sum shall be paid in full by instalments as stated in each case's terms and conditions. However, the entire sum must be paid within the semester in order for the student to be eligible to enrol for the following semester.

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First year students celebrating after the completion of How to Live and Learn activities.

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ABOUT CHIANG RAI

The northernmost province of Thailand, Chiang Rai is a land of outstanding natural beauty, joining the golden triangle, where Myanmar, Laos and Thailand converge. Chiang Rai is located about 785 kilometres north of Bangkok, situated in the Kok River Basin, with an average elevation of 580 metres above sea level. The province is one of the few Thai provinces that experience an actual 'cool season', with an average minimum temperature of 12 degrees Celsius during the winter months, and an average maximum of 34 degrees Celsius during the summer.

Historically, Chiang Rai has been inhabited since the 7th century, but it was not until 1262 that King Meng Rai established it as the first capital of the Lanna Kingdom, the capital was later relocated to Chiang Mai. Today, Chiang Rai remains a green paradise, endowed with abundant natural attractions and antiquities. Provincial attractions range from waterfalls and forests, ruins of ancient settlements, Buddhist shrines, magnificent mountain scenery and hill tribe villages.

Chiang Rai is a fascinating province filled with cultural and natural wonders. The people of Chiang Rai are enjoying a fast paced development with their mostly traditional, rural lifestyles steadily changing in the face of ASEAN integration. Tourism has also boomed in Chiang Rai, where visitors have come to explore the pristine natural beauty of the countryside and immerse themselves in the indigenous culture, including those of a variety of different hill tribe communities.

Chiang Rai is a centre for community development projects, helping rural and indigenous villagers develop their attractions without adversely affecting their natural and cultural assets, which is also an objective of Mae Fah Luang University, developing in line with the Sufficiency Economy philosophy of HM King Bhumibhol.



The Laan Thong Vihara
Built in commemoration of the 50th birthday of HRH Princess Maha Chakri Sirindhorn

Want to visit the most beautiful campus in Thailand?

Mae Fah Luang University is always open to the public, 365 days a year. Visitors are welcome to come see the campus and walk around by themselves, but if you would like to arrange an official tour as an individual or group, this can be arranged by submitting an official letter of request at least two weeks in advance to: The President, Mae Fah Luang University, Chiang Rai, Thailand 57100

Visitors may also come talk to the friendly International Affairs Division staff, who will be able to point you in the right direction, provide you with informational pamphlets and assist you with the application procedure.

For more information please contact the International Affairs Division (contact details on back cover).

Thai visitors should contact the Public Relations Division
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