

2019 TIPP Course

| Theme | Course | Academic Institution | Duration | TICA's Closing Date |
|--------------------------------------|--|--|---|---------------------|
| Sufficiency Economy Philosophy (SEP) | 1. Master of Rural Development Management | Khon Kaen University | 15 months (August 2019 – October 2020) | 31 Mar 2019 |
| | 2. Master of BioScience for Sustainable Agriculture | Silpakorn University | 2 years (July 2019 – April 2021) | 31 Mar 2019 |
| Climate Change | 3. Master of Science in Biodiversity and Environmental Management | Khon Kaen University | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| | 4. Master of Science Program in Environmental Science | Naresuan University | 2 years (June 2019 – March 2021) | 31 Mar 2019 |
| | 5. Master of Science in Geographic Information Science: GIS | Naresuan University | 2 years (June 2019 – March 2021) | 31 Mar 2019 |
| | 6. Master of Science in Energy Technology | King Mongkut's University of Technology Thonburi | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| | 7. Master of Science in Environmental Technology | King Mongkut's University of Technology Thonburi | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| | 8. Master of Science Program in Earth System Environment | Prince of Songkla University | 2 years (August 2019 – May 2021) | 31 Mar 2019 |
| Food Security | 9. Master of Science in Food Science | Kasetsart University | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| | 10. Master of Science Program in Postharvest Technology and Innovation | Mae Fah Luang University | 2 years (August 2019 – May 2021) | 31 Mar 2019 |
| | 11. Master of Science Program in Agricultural Science | Naresuan University | 2 years (June 2019 – March 2021) | 31 Mar 2019 |
| | 12. Master of Science Program in Food Science and Technology | Chulalongkorn University | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| Public Health | 13. Master of Science Program in Biomedical Science | Khon Kaen University | 2 years (August 2019 – July 2021) | 31 Mar 2019 |
| | 14. Diploma Course in Dermatology and Dermatotomy | Institute of Dermatology | 11 months (May 2019 – March 2020) | 31 Mar 2019 |
| | 15. Master of Public Health | Naresuan University | 2 years (June 2019 – March 2021) | 31 Mar 2019 |
| | 16. Master of Primary Health Care Management Program | Mahidol University | 1 year (August 2019 - July 2020) | 31 Mar 2019 |
| SDGs | 17. Master of Science Program in Environmental Management | Prince of Songkla University | 2 years (August 2019 – May 2021) | 31 Mar 2019 |
| | 18. Master of Science Program in Sustainable Energy Management | Prince of Songkla University | 2 years (August 2019 – May 2021) | 31 Mar 2019 |

Course Title
Master of Rural Development Management (International Program)

| | |
|------------------------------|---|
| Master Degree: | Master of Rural Development Management (MRDM) |
| Academic Institution: | Graduate School, Khon Kaen University |
| Duration: | One (1) academic year (15 months/ August 2019 – October 2020) |

Objectives:

The Master's program in Rural Development Management intends to produce post-graduates who are qualified as follows:

1. Being able to understand principles and theories of rural development as a multi-disciplinary science, and able to apply the principles and theories of rural development management by inculcating knowledge and experience from former careers.
2. Skilled in management, development plan establishment, development project settlement, as well as conducting and analyzing research on the physical circumstances, society, economy, culture, technology and environment of an individual locality.
3. Have good attitudes towards rural development management and have a sense of initiative about self-development, and defined social skills in the areas of human interaction and leadership.

Course Synopsis & Methodology:

The course comprises 36 credits, including 18 credits of required courses (Rural Development Theories; Politics and Economics of Rural Development; Evidence-based Rural Development Practices; Research and Statistics; Project management; Seminar; and Field Study), and 4 credits for elective courses. Students will also be required to complete a comprehensive examination and an independent study (6 credits).

| Categories of Courses | Number of Credit Hours | | |
|-------------------------------------|------------------------|----------------|-----------|
| | Plan A Type A1 | Plan A Type A2 | Plan B |
| 1. Major Required Courses | 7 (Non-credits) | 18 | 18 |
| 2. Major Elective Courses | - | 6 | 12 |
| 3. Thesis | 36 | 12 | - |
| 4. Free elective courses | - | - | 6 |
| Total credits in the program | 36 | 36 | 36 |

Course Content/ Study Topic:Plan A Type A1

| | | |
|---------------------------|--|-----------------|
| 1. Major Required Courses | | |
| 117 711 | Theories and Approaches in Rural Development | 3 (Non-credits) |
| 117 723 | Research Methodology for Rural Development | 3 (Non-credits) |
| 117 892 | Seminar in Rural Development Management | 1 (Non-credits) |
| 2. Thesis | | |
| 117 898 | Thesis | 36 |

Plan A Type A2, Plan B

1. Major Required Courses

| | | |
|---------|--|---|
| 117 711 | Theories and Approaches in Rural Development | 3 |
| 117 723 | Research Methodology for Rural Development | 3 |
| 117 724 | Management of Rural Development Project | 3 |
| 117 725 | Rural Resources System Analysis | 3 |
| 117 715 | Sufficiency Economy Philosophy for Sustainable Rural Development Management | 3 |
| 117 891 | Seminar on Field Study Experiences in Rural Development | 2 |
| 117 892 | Seminar in Rural Development Management | 1 |

2. Major Elective Courses

| | | |
|---------|---|---|
| 117 712 | Economics and Politics of Rural Development | 3 |
| 117 713 | Local Institutional Development | 3 |
| 117 714 | Comparative Studies in Rural Development | 3 |
| 117 721 | Evidence-based Practices in Rural Development | 3 |
| 117 722 | Applied Social Statistics for Rural Development | 3 |
| 117 726 | Knowledge Management in Rural Development | 3 |
| 117 727 | Conflict Management in Rural Development | 3 |
| 117 728 | Specific Topics in Rural Development | 3 |

3. Thesis

| | | |
|---------|-------------------|----|
| 117 899 | Thesis | 12 |
| 617 897 | Independent Study | 6 |

Qualifications:

Applicants must satisfy the following criteria:

1. Possess a Bachelor Degree or equivalent in related field
2. Have at least 3 years of experience in rural development (applicants whose experiences are less than 3 years will be considered by Program Committee)
3. Applicants from a country where English is not the first language must enclose a TOEFL or IELTS test result with a minimum score of 470 (TOEFL) or 5.0 (IELTS). The result must not be more than two years.
4. Applicants in addition to the above requirements are in accordance with the curriculum committee's consideration.

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) references in signed and sealed envelopes
3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available
5. A brief proposal for an independent study, including a topic, statement of the problems, objectives and expectations

Contacts:

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Bioscience for Sustainable Agriculture
(International Program)

Master Degree: Master of Science (Bioscience for Sustainable Agriculture)

Academic Institution: Faculty of Animal Sciences and Agricultural Technology,
Silpakorn University

Duration: Two (2) academic years (July 2019 – April 2021)

Objective:

The objective of the curriculum is to develop the graduate with the following qualifications:

1. The ability to comprehend both philosophy of sustainability and concept of sustainable agriculture.
2. The ability to analyze and identify both problems and strength of the mainstream agricultural development and propose measures to solve them.
3. The ability to transfer appropriate research outcome to other stakeholders working in sustainable agriculture.
4. The ability to recognize differences and work with others while maintaining leadership.
5. The ability to be responsible to oneself and to the society with integrity and professional morals.

Course Synopsis and Methodology:

This program requires the candidate to take courses no less than 24 credits plus the research which is equivalent to 12 credits. The degree shall be awarded when the students fulfill one publication in the international refereed journals.

Course Content/Study Topic:

The First year

First Semester

| | | |
|--------|---|-------------------|
| 715501 | Cell Science and Molecular Biology | 3(3-0-6) |
| 715502 | Sustainable Agriculture and Marketing | 3(2-0-6) |
| 715503 | Research Methodology and Statistical Techniques | 3(3-0-6) |
| 715504 | Seminar | 1(1-0-2) |
| | Total | 10 credits |

Second Semester

| | | |
|--------|-----------------|------------------|
| 715505 | Seminar 2 | 1(1-0-2) |
| 715xxx | Elective Course | 3(x-x-x) |
| 715xxx | Elective Course | 3(x-x-x) |
| | Total | 7 credits |

The Second year

First Semester

| | | |
|--------|-----------------|-------------------|
| 715506 | Seminar | 3 1(1-0-2) |
| 715xxx | Elective Course | 3(x-x-x) |
| 715599 | Thesis | 6 credits |
| | Total | 10 credits |

| | | |
|-----------------|-----------------|------------------|
| Second Semester | | |
| 715xxx | Elective Course | 3(x-x-x) |
| 715599 | Thesis | 6 credits |
| | Total | 9 credits |

Qualification:

The applications must held a bachelor's degree or equivalent in Agriculture, Science or a related field, or another degree by the consent of the Curriculum Administration Committee, Faculty of Animal Sciences and Agricultural Technology Silpakorn University.

Document required:

1. Certified copy of transcript of record
2. Certified copy of degree certified
3. Copy of TOEFL, IELTS, TOEIC or equivalent test result
4. Two letters of recommendations from the faculty members of the home institutes
5. Letter of permission from the Dean/Director/Rector/Vice Chancellor/President of the home institutes in case the candidate has been working as the staff member in the organizations

Contract:

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/document will not be considered.

Course Title
Master of Science Program in Biodiversity and Environmental Management
(International Program)

Master Degree: Master of Science Program in Biodiversity and Environmental Management

Academic Institution: International College, Khon Kaen University

Duration: Two (2) academic years (August 2019 – July 2021)

Objectives:

The program aims to produce graduates with

1. High competence and independence in research ability.
2. High quality in biodiversity and environmental management.
3. Capability to utilize and apply knowledge to real situations through research.

Course Synopsis & Methodology:

This multi-disciplinary master program is designed to focus on cross functional roles and importance of biodiversity, environment and management in different contexts e.g. natural diversity (animals, plants, and micro-organisms) and environment, urban and rural development, utilization and sustainability of natural resources, climate change, technological and innovative breakthroughs. Various courses are offered in this program combined with research project through 12-credit thesis.

| Categories of Courses | Number of Credit Hours | |
|---------------------------|------------------------|----------------|
| | Plan A Type A1 | Plan A Type A2 |
| 1. Core courses | - | 12 |
| 2. Major Required Courses | - | - |
| 3. Major Elective Courses | - | 12 |
| 4. Thesis | - | 12 |
| Total credits | - | 36 |

Course Content/ Study Topic:

Plan A Type A2

1. Core Courses

| | | |
|------------|---|-----------|
| IC 307 001 | Biodiversity and Conservation | 3 credits |
| IC 307 002 | Research Methodology in Biodiversity and Conservation | 2 credits |
| IC 307 101 | Environmental Planning and Management | 3 credits |
| IC 307 891 | Seminar in Biodiversity and Environmental Management | 1 credits |
| IC 307 894 | Special Problems in Biodiversity and Environmental Management | 3 credits |

2. Elective Courses

| | | |
|------------|------------------------------------|-----------|
| IC 307 003 | Flora and Fauna of South East Asia | 3 credits |
| IC 307 004 | Tropical Ecology | 3 credits |
| IC 307 005 | Applied Microbiology | 3 credits |
| IC 307 005 | Applied Microbiology | 3 credits |

| | | |
|------------|--|------------|
| IC 307 006 | Marine and Freshwater Environmental Biology | 3 credits |
| IC 307 007 | Taxonomy and Genetic Biodiversity | 3 credits |
| IC 307 008 | Advanced Entomology | 3 credits |
| IC 307 102 | Environmental Impact and Assessment | 3 credits |
| IC 307 103 | Sustainable Development and Management | 3 credits |
| IC 307 104 | Ecotourism and Management of Protected Areas | 3 credits |
| IC 307 105 | Nanotechnology and Environment | 3 credits |
| IC 307 106 | Fungal Diversity | 3 credits |
| IC 307 107 | Climate Change and Renewable Energy | 3 credits |
| 3. Thesis | | |
| IC 307 899 | Thesis | 12 credits |

Qualifications:

Applicants must graduate bachelor's degree in related field e.g. biological sciences, chemical sciences, environmental sciences and management

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) references in signed and sealed envelopes
3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available
5. A brief proposal for an independent study, including a topic, statement of the problems, objectives and expectations

Contacts:

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Environmental Science

| | |
|------------------------------|---|
| Master Degree: | Master of Science (Environmental Science) |
| Academic Institution: | Faculty of Agriculture, Natural Resources and Environment, Naresuan University |
| Duration: | Two (2) years (June 2019 – March 2021) |

Course Synopsis & Methodology:

Candidates for the M.S. degree may select one of two options in order to fulfill the Graduate School requirements: a research based or a coursework based program.

Research based program (Type 1)

For Bachelor degree holder, who interest in the program by research (2 years program, total 36 credits)

Coursework based program (Type 2)

For Bachelor degree holder, who interest in the program by coursework and research (2 years program, total 36 credits).

| Types | Type (Credits) | |
|----------------------------|----------------|-----------|
| | 1 | 2 |
| Course Work | - | 24 |
| 1.1 Required Major Courses | - | 12 |
| 1.2 Free Elective Courses | - | 12 |
| Dissertation | 36 | 12 |
| Non-credit courses | 6 | 6 |
| Total | 36 | 36 |

Course Content/ Study Topic:

| | | |
|----------------------------|--|-----------|
| 1. Dissertation | | |
| 105591 | Thesis 1, Type A1 | 9 credits |
| 105592 | Thesis 2, Type A1 | 9 credits |
| 105593 | Thesis 3, Type A1 | 9 credits |
| 105594 | Thesis 4, Type A1 | 9 credits |
| 105595 | Thesis 1, Type A2 | 3 credits |
| 105596 | Thesis 2, Type A2 | 3 credits |
| 105597 | Thesis 3, Type A2 | 6 credits |
| 2. Core course | | |
| 105511 | Applied Environmental Science | 3(3-0-6) |
| 105512 | Advanced Environmental Impact Assessment | 3(2-3-5) |
| 105513 | Integrated Natural Resources and Environmental Management | 3(2-3-5) |
| 105514 | Environmental Ecology | 3(2-3-5) |
| 3. Elective courses | | |
| 105520 | Fate and Transport of Contaminants in the Environment | 3(2-3-5) |
| 105521 | Air Pollution and Control | 3(2-3-5) |

| | | |
|-----------------------|--|----------|
| 105522 | Wastewater and Treatment Technology | 3(2-3-5) |
| 105523 | Soil Pollution and Management | 3(2-3-5) |
| 105524 | Agricultural Pollution and Management | 3(2-3-5) |
| 105525 | Hazardous Waste and Management | 3(2-3-5) |
| 105526 | Solid Waste and Management | 3(2-3-5) |
| 105527 | Clean Technology | 3(2-3-5) |
| 105528 | Wastewater Microbiology | 3(2-3-5) |
| 105529 | Treatment Wetland | 3(2-3-5) |
| 105540 | Conservation and Management of Soil Water and Forest Resources | 3(2-3-5) |
| 105541 | Conservation and Management of Biodiversity Resources | 3(2-3-5) |
| 105542 | Forest Resource Management | 3(2-3-5) |
| 105543 | Aquatic Ecology | 3(2-3-5) |
| 105544 | Tropical Ecology | 3(2-3-5) |
| 105545 | Water Resource Management | 3(2-3-5) |
| 105546 | Global Climate Change Ecology | 3(2-3-5) |
| 105547 | Ecotourism Management | 3(2-3-5) |
| 105548 | Integrated Watershed Management | 3(2-3-5) |
| 105551 | Health Risk Assessment | 3(2-3-5) |
| 105552 | Health Impact Assessment | 3(2-3-5) |
| 105553 | Environmental Toxicology | 3(3-0-6) |
| 105554 | Health Risk Management | 3(2-3-5) |
| 105555 | Occupational Health | 3(3-0-6) |
| 105556 | Exposure Assessment | 3(2-3-5) |
| 105561 | Natural Resources and Environmental Economy | 3(3-0-6) |
| 105562 | Application of Geo-Informatics for Natural Resources and Environment | 3(2-3-5) |
| 105563 | Remote Sensing for Natural Resources and Environment | 3(3-0-6) |
| 105564 | Urban Environmental Management | 3(2-3-5) |
| 105565 | Environmental Laws and Policy | 3(3-0-6) |
| 105583 | Selected Topics in Environmental Science | 3(2-3-5) |
| 4. Non-credit courses | | |
| 105581 | Seminar 1 | 1(0-3-1) |
| 105582 | Seminar 2 | 1(0-3-1) |
| 105598 | Research Methodology in Science and Technology | 3(3-0-6) |
| 105599 | Learning Skill for Graduate Studies | 1(0-3-1) |

Qualifications:

1. A bachelor's degree or its equivalent in all disciplines (for enrolled applicant in a topic of natural resource management and ecology conservation) and in discipline of Science, Medical Science, Engineering and Science Education (for enrolled applicant in a topic of environmental pollution and health impact assessment and) from an accredited institution

2. Cumulative GPA at graduation of 2.5 or higher for applicants in coursework based program

3. Work-experience at least 2 years in relevant sciences or academia is required for applicants in research based program and 1 year is required for applicants in coursework based program that hold GPA < 2.5

Document Required:

1. A photocopy of the official transcript, the official diploma or diploma certificate GPA not less than 3.00 (required for coursework based program)
2. A photocopy of the National ID card
3. A photograph with dimensions of 1 inch x 1 inch, no more than 6 months old at the date of application
4. Passing the Oral Defense of the Thesis
5. Academic presentation or publication
6. English Proficiency certificate is required for applicants who are not native English speakers. The score should be obtained within 2 years prior to application.
 - TOEFL paper based at least 470
 - TOEFL computer based at least 150
 - TOEFL internet based at least 50
 - IELTS at least 4.0
 - at least 51-59 for Cambridge Placement Test online (B1).

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Geographic Information Science

Master Degree: Master of Science (Geographic Information Science)

Academic Institution: Faculty of Agriculture, Natural Resources and Environment,
Naresuan University

Duration: Two (2) years (June 2019 – March 2021)

Course Synopsis & Methodology:

Candidates for the M.S. degree may select one of two options in order to fulfill the Graduate School requirements: a research based or a coursework based program.

Research based program (Type 1)

For Bachelor degree holder, who interest in the program by research (2 years program, total 36 credits)

Coursework based program (Type 2)

For Bachelor degree holder, who interest in the program by coursework and research (2 years program, total 36 credits).

| Types | Type (Credits) | |
|----------------------------|----------------|-----------|
| | 1 | 2 |
| Course Work | - | 24 |
| 1.1 Required Major Courses | - | 12 |
| 1.2 Free Elective Courses | - | 12 |
| Dissertation | 36 | 12 |
| Non-credit courses | 5 | 5 |
| Total | 36 | 36 |

Course Content/ Study Topic:Plan A Type A1

1. Dissertation

| | | |
|--------|-------------------|-----------|
| 104571 | Thesis 1, Type A1 | 9 credits |
| 104572 | Thesis 2, Type A1 | 9 credits |
| 104573 | Thesis 3, Type A1 | 9 credits |
| 104574 | Thesis 4, Type A1 | 9 credits |

2. Non – credits courses

| | | |
|--------|--|----------|
| 104545 | Research Methodology in Science and Technology | 3(3-0-6) |
| 104546 | Seminar 1 | 1(0-3-1) |
| 104547 | Seminar 2 | 1(0-3-1) |

Plan A Type A2

1. Required Major Courses

| | | |
|--------|--|----------|
| 104541 | Map and Visualization | 3(2-2-5) |
| 104542 | Advanced Geographic Information System | 3(2-2-5) |
| 104543 | Advanced Remote Sensing | 3(2-2-5) |

| | | |
|--------------------------|---|-----------|
| 104544 | Spatial Database Management System | 3(2-2-5) |
| 2. Free Elective Courses | | |
| 104551 | Advanced Mapping and Visualization | 3(2-2-5) |
| 104552 | Digital Image Analysis | 3(2-2-5) |
| 104553 | Advanced Photogrammetry | 3(2-2-5) |
| 104554 | Applied Remote Sensing | 3(2-2-5) |
| 104555 | Web Mapping Application | 3(2-2-5) |
| 104556 | Mobile Mapping | 3(2-2-5) |
| 104557 | Development of Sensor Observation Service System for Spatial Information | 3(2-2-5) |
| 104558 | Spatial Modeling | 3(2-2-5) |
| 104559 | Spatial Decision Support Systems | 3(2-2-5) |
| 104560 | Public Participation GIS | 3(2-2-5) |
| 104561 | Special Topic in Geographic Information Science 1 | 3(1-4-4) |
| 104562 | Special Topic in Geographic Information Science 2 | 3(1-4-4) |
| 3. Dissertation | | |
| 104575 | Thesis 1, Type A 2 | 3 credits |
| 104576 | Thesis 2, Type A 2 | 3 credits |
| 104577 | Thesis 3, Type A 2 | 6 credits |
| 4. Non-credit courses | | |
| 104545 | Research Methodology in Science and Technology | 3(3-0-6) |
| 104546 | Seminar 1 | 1(0-3-1) |
| 104547 | Seminar 2 | 1(0-3-1) |

Qualification:

Applicants must be holding a Bachelor's degree in Geography, Geographic Information Science and Geoinformatics or a Bachelor of Science degree in related fields which uses GIS and Remote Sensing as tools in their curriculums from an accredited college or university. Applicant's work experience will be special criteria to consider. The program admissions committee makes all admission recommendations on case-by-case basis.

Document Required:

1. Original undergraduate transcript (Grade Point Average of 2.75 or higher)
2. Two letters of recommendation
3. TOELF (for student non – English speaking institutions)
 - Computer based: 213
 - Paper based: 550
 - iBT; 80 or IELTS: 6.5
4. Proposed Research Proposal (maximum 2 pages of A4 paper size)
 - Research Question
 - Purposes of Research
 - Research Framework
 - Expected Results
 - Methodology
 - References

Contacts:

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Energy Technology (International Program)

Master Degree: Master of Science (Energy Technology)

Academic Institution: Joint Graduate School of Energy and Environment - JGSEE,
King Mongkut's University of Technology Thonburi

Duration: Two (2) academic years (August 2019 – July 2021)

Course Synopsis & Methodology:

| | |
|------------------------------|-------------------|
| Compulsory Course | 10 credits |
| Elective Courses | 9 credits |
| Thesis | 21 credits |
| Total program credits | 40 credits |

Course Content/ Study Topic:

1. Compulsory courses

| | | |
|---------|--------------------------------------|--------------|
| JEE 601 | Seminar for M.Sc (Energy Technology) | 1 (0-3-3) |
| JEE 606 | Mathematical Techniques | 3 (3-0-9) or |
| JEE 607 | Optimization Techniques | 3 (3-0-9) |
| JEE 613 | Research Methodology | 3 (3-0-9) |
| JEE 621 | Energy Economics | 3 (3-0-9) |

2. Elective courses

| | | |
|---------|---|----------|
| JEE 603 | Special Study I | 3(3-0-9) |
| JEE 604 | Special Study II | 3(0-0-9) |
| JEE 605 | Special Study III | 3(0-9-9) |
| JEE 623 | Principle of Accounting and Financial management | 3(3-0-9) |
| JEE 624 | Principle of Management and Administration | 3(3-0-9) |
| JEE 625 | Energy and Environmental Economics, Management and Policy | 3(3-0-9) |
| JEE 629 | Marketing Research | 3(3-0-9) |
| JEE 631 | Strategic Planning and Project Management | 3(3-0-9) |
| JEE 632 | Project Implementation and Control | 3(3-0-9) |
| JEE 633 | Energy Management in Industry | 3(3-0-9) |
| JEE 634 | Climate Influence on Buildings and End-use Requirements | 3(3-0-9) |
| JEE 635 | Building Utility Design and Waste Management | 3(3-0-9) |
| JEE 636 | Building Performance Assessment | 3(3-0-9) |
| JEE 637 | Daylighting Applications | 3(3-0-9) |
| JEE 638 | Advanced Topics in Building Energy Technology | 3(3-0-9) |
| JEE 639 | Building Economics and Finance | 3(3-0-9) |
| JEE 642 | Fuels and Combustion | 3(3-0-9) |
| JEE 643 | Energy System Modeling | 3(3-0-9) |
| JEE 644 | Power Plant Engineering | 3(3-0-9) |
| JEE 645 | Clean Technologies for Solid Fuels | 3(3-0-9) |
| JEE 647 | Design of Suitable Urban Ecology | 3(3-0-9) |

3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available
5. A brief proposal for an independent study, including a topic, statement of the problems, objectives and expectations

Contacts:

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Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

| | | |
|---------|---|----------|
| JEE 651 | Heat and Power Generation Technologies | 3(3-0-9) |
| JEE 652 | Natural Gas Utilization Technologies | 3(3-0-9) |
| JEE 653 | Solar Energy | 3(3-0-9) |
| JEE 654 | Oil and Natural Gas Technologies | 3(3-0-9) |
| JEE 655 | Energy Technology | 3(3-0-9) |
| JEE 656 | Energy Efficiency | 3(3-0-9) |
| JEE 657 | Catalytic Processes and Reaction Engineering | 3(3-0-9) |
| JEE 658 | Renewable Energy Technologies | 3(3-0-9) |
| JEE 659 | Energy from Biomass | 3(3-0-9) |
| JEE 661 | Tropical Climates and Boundary Layer Science | 3(3-0-9) |
| JEE 662 | Atmospheric Dynamics | 3(3-0-9) |
| JEE 663 | Mathematical Model on Air Pollution with Applications | 3(3-0-9) |
| JEE 664 | Atmospheric and Air Quality Modeling | 3(3-0-9) |
| JEE 666 | Atmospheric Science | 3(3-0-9) |
| JEE 667 | Environmental Pollution Control Technology | 3(3-0-9) |
| JEE 671 | Life Cycle Assessment | 3(3-0-9) |
| JEE 673 | Waste and Climate Change | 3(3-0-9) |
| JEE 674 | Waste to Energy | 3(3-0-9) |
| JEE 681 | Environmental Chemistry and Toxicology | 3(3-0-9) |
| JEE 682 | Environmental and Health Risk Assessment | 3(3-0-9) |
| JEE 683 | Energy and Environment | 3(3-0-9) |
| JEE 684 | GIS and Remote Sensing | 3(3-0-9) |
| JEE 685 | Climate change: Physical Science Basis | 3(3-0-9) |
| JEE 687 | Biogeochemistry | 3(3-0-9) |
| JEE 691 | Climate Change Policy | 3(3-0-9) |
| JEE 694 | Carbon Mechanism Management and Business | 3(3-0-9) |
| JEE 695 | Greenhouse Gas Mitigation Technology | 3(3-0-9) |
| JEE 696 | Greenhouse Gas Measurement, Monitoring and Accounting | 3(3-0-9) |
| JEE 697 | Energy Outlook and Green House Gases Emissions in ASEAN | 3(3-0-9) |
| JEE 698 | Carbon Trading | 3(3-0-9) |
| JEE 703 | Selected Topics I | 3(3-0-9) |
| JEE 713 | Selected Topics II | 3(3-0-9) |

3. Thesis

| | | |
|---------|---|------------|
| JEE 609 | Dissertation for M.Sc (Energy Technology) | 21 credits |
|---------|---|------------|

Qualifications:

The applicant must hold a first degree in engineering, science, economics or related fields with the least final GPA of 2.75 or is placed in the top 25% of the class. Other applicants may be admitted on conditions that they receive approval from JGSEE Executive Committee.

In all programmes, the applicants should consult with their would-be supervisor on the possible thesis topic before applying. Potential applicants should also observe that the teachings are conducted in English, therefore, they should have a good command of the language.

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) recommendation letters

Course Title
Master of Science Program in Environmental Technology (International Program)

Master Degree: Master of Science (Environmental Technology)

Academic Institution: Joint Graduate School of Energy and Environment - JGSEE,
King Mongkut's University of Technology Thonburi

Duration: Two (2) academic years (August 2019 – July 2021)

Course Synopsis & Methodology:

| | |
|------------------------------|-------------------|
| Compulsory Course | 10 credits |
| Elective Courses | 9 credits |
| Thesis | 21 credits |
| Total program credits | 40 credits |

Course Content/ Study Topic:

1. Compulsory courses

| | | |
|---------|---|-------------|
| JEE 606 | Mathematical Techniques | 3(3-0-9) or |
| JEE 607 | Optimization Techniques | 3(3-0-9) |
| JEE 611 | Seminar for M.Sc (Environmental Technology) | 1(0-3-3) |
| JEE 613 | Research Methodology | 3(3-0-9) |
| JEE 621 | Energy Economics | 3(3-0-9) |

2. Elective courses

| | | |
|---------|--|----------|
| JEE 603 | Special Study I | 3(3-0-9) |
| JEE 604 | Special Study II | 3(0-0-9) |
| JEE 605 | Special Study III | 3(0-9-9) |
| JEE 623 | Principle of Accounting and Financial management | 3(3-0-9) |
| JEE 624 | Principle of Management and Administration | 3(3-0-9) |
| JEE 625 | Energy and Environmental Economics, Management and Policy | 3(3-0-9) |
| JEE 626 | Energy and Environmental Econometric Modeling and Analysis | 3(3-0-9) |
| JEE 629 | Marketing Research | 3(3-0-9) |
| JEE 631 | Strategic Planning and Project Management | 3(3-0-9) |
| JEE 632 | Project Implementation and Control | 3(3-0-9) |
| JEE 633 | Energy Management in Industry | 3(3-0-9) |
| JEE 634 | Climate Influence on Buildings and End-use Requirements | 3(3-0-9) |
| JEE 635 | Building Utility Design and Waste Management | 3(3-0-9) |
| JEE 636 | Building Performance Assessment | 3(3-0-9) |
| JEE 637 | Daylighting Applications | 3(3-0-9) |
| JEE 638 | Advanced Topics in Building Energy Technology | 3(3-0-9) |
| JEE 639 | Building Economics and Finance | 3(3-0-9) |
| JEE 642 | Fuels and Combustion | 3(3-0-9) |
| JEE 643 | Energy System Modeling | 3(3-0-9) |
| JEE 644 | Power Plant Engineering | 3(3-0-9) |
| JEE 645 | Clean Technologies for Solid Fuels | 3(3-0-9) |

| | | |
|---------|---|----------|
| JEE 647 | Design of Suitable Urban Ecology | 3(3-0-9) |
| JEE 651 | Heat and Power Generation Technologies | 3(3-0-9) |
| JEE 652 | Natural Gas Utilization Technologies | 3(3-0-9) |
| JEE 653 | Solar Energy | 3(3-0-9) |
| JEE 654 | Oil and Natural Gas Technologies | 3(3-0-9) |
| JEE 655 | Energy Technology | 3(3-0-9) |
| JEE 656 | Energy Efficiency | 3(3-0-9) |
| JEE 657 | Catalytic Processes and Reaction Engineering | 3(3-0-9) |
| JEE 658 | Renewable Energy Technologies | 3(3-0-9) |
| JEE 659 | Energy from Biomass | 3(3-0-9) |
| JEE 661 | Tropical Climates and Boundary Layer Science | 3(3-0-9) |
| JEE 662 | Atmospheric Dynamics | 3(3-0-9) |
| JEE 663 | Mathematical Model on Air Pollution with Applications | 3(3-0-9) |
| JEE 664 | Atmospheric and Air Quality Modeling | 3(3-0-9) |
| JEE 666 | Atmospheric Science | 3(3-0-9) |
| JEE 667 | Environmental Pollution Control Technology | 3(3-0-9) |
| JEE 671 | Life Cycle Assessment | 3(3-0-9) |
| JEE 673 | Waste and Climate Change | 3(3-0-9) |
| JEE 674 | Waste to Energy | 3(3-0-9) |
| JEE 681 | Environmental Chemistry and Toxicology | 3(3-0-9) |
| JEE 682 | Environmental and Health Risk Assessment | 3(3-0-9) |
| JEE 683 | Energy and Environment | 3(3-0-9) |
| JEE 684 | GIS and Remote Sensing | 3(3-0-9) |
| JEE 685 | Climate change: Physical Science Basis | 3(3-0-9) |
| JEE 687 | Biogeochemistry | 3(3-0-9) |
| JEE 691 | Climate Change Policy | 3(3-0-9) |
| JEE 694 | Carbon Mechanism Management and Business | 3(3-0-9) |
| JEE 695 | Greenhouse Gas Mitigation Technology | 3(3-0-9) |
| JEE 696 | Greenhouse Gas Measurement, Monitoring and Accounting | 3(3-0-9) |
| JEE 697 | Energy Outlook and Green House Gases Emissions in ASEAN | 3(3-0-9) |
| JEE 698 | Carbon Trading | 3(3-0-9) |
| JEE 703 | Selected Topics I | 3(3-0-9) |
| JEE 713 | Selected Topics II | 3(3-0-9) |

3. Thesis

| | | |
|---------|--|------------|
| JEE 615 | Dissertation for M.Sc (Environmental Technology) | 21 credits |
|---------|--|------------|

Qualifications:

The applicant must hold a first degree in engineering, science, economics or related fields with the least final GPA of 2.75 or is placed in the top 25% of the class. Other applicants may be admitted on conditions that they receive approval from JGSEE Executive Committee.

In all programmes, the applicants should consult with their would-be supervisor on the possible thesis topic before applying. Potential applicants should also observe that the teachings are conducted in English, therefore, they should have a good command of the language.

Course Title
Master of Science Program in Food Science

| | |
|------------------------------|--|
| Master Degree: | Master of Science (Food Science) |
| Academic Institution: | Department of Food Science and Technology, Faculty of Agro-Industry, Kasetsart University |
| Duration: | Two (2) years (August 2019 – July 2021) |

Course Synopsis & Methodology:

The Master's Degree structure consists of a curriculum with a minimum of 36 accumulated credits. The Master's Degree structure is classified into 2 plans

Plan A is a research oriented program which is characterized by two subcategories as follows:

– Plan A1 consists of a minimum of 36 credits for the thesis. The departments or the programs may require additional audited class participation or involvement in further academic activities which are subject to attainment of achievements as determined by The Graduate School.

– Plan A2 consists of a minimum of 12 credits for the thesis and a further minimum of 12 credits for course work.

Plan B is a course work oriented program. Students are required to conduct independent studies for a minimum of 3 credits but not in excess of 6 credits to substitute for a thesis.

Course Content/ Study Topic:

Plan A1: Total credits required: minimum 36 credits

1. Major courses (minimum 2 credits (audit))

| | | |
|----------|---------|-----|
| 01052597 | Seminar | 1,1 |
|----------|---------|-----|

2. Thesis (minimum 36 credits)

| | | |
|----------|--------|------|
| 01052599 | Thesis | 1-36 |
|----------|--------|------|

Choose a research area for their thesis research from the list below:

- Food Processing
- Food Chemistry
- Food Microbiology
- Dairy Science and Technology
- Meat Science and Technology
- Fruit and Vegetable Technology
- Fishery Technology
- Fats and Oils Technology
- Cereal Science and Technology
- Postharvest Technology
- Confectionery Technology
- Fabricated Food
- Food Protein and Enzyme

Plan A2: Total credits required: minimum 36 credits

1. Major courses (minimum 18 credits)

1.1 Seminar: 2 credits

| | | |
|-----------|---------|-----|
| 010524597 | Seminar | 1,1 |
|-----------|---------|-----|

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) Recommendation Letters
3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available
5. A brief proposal for an independent study, including a topic, statement of the problems, objectives and expectations

Contacts:

Assoc.Prof.Dr.Amnat Chidthaisong
The Joint Graduate School of Energy and Environment (JGSEE),
KMUTT, Thailand
Tel: (+66)2-470-8309 Ext. 4119
E-mail: amnat_c@jgsee.kmutt.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program In Earth System Environment

Master Degree: Master of Science (Earth System Environment)

Academic Institution: Faculty of Environmental Management
 Prince of Songkla University, Hatyai campus

Duration: Two (2) academic years (August 2019 – May 2021)

Objective:

To educate master students who are able to efficiently apply their knowledge of earth system environment and science to be the basement of the sustainable development morally for both national and international level.

Course Synopsis and Methodology:

Number of the total credits not less than 36 credits

Plan A; A1 (Research plan) 36 credits
 -Thesis 36 credits

Plan A; A2 (Coursework and research plan) 36 credits
 -Compulsory courses 9 credits
 -Elective courses 9 credits
 -Thesis 18 credits

Course Content/Study Topic:

| <u>Compulsory courses</u> | | 9 credits |
|---------------------------|---|------------------|
| 837-501 | (Earth System Environment and Sustainability) | 3(3-0-6) |
| 837-502 | (Advanced Earth System Research Methodology)* | 3(3-0-6) |
| 837-503 | (System Sciences)** | 3(3-0-6) |
| 837-504 | (Seminar I)*** | 1(0-2-1) |
| 837-505 | (Seminar II)*** | 1(0-2-1) |

* Compulsory for graduate student

** Compulsory for graduate student plan 2.2

*** No credit (Result in grade of S=Pass, U= Fail)

| <u>Elective Courses</u> | | 9 credits |
|-------------------------|--|------------------|
| 825-520 | (International Environmental Policy) | 3(3-0-6) |
| 826-516 | (Policies and Actions for Sustainable Development) | 3(3-0-6) |
| 830-520 | (Lake Basin Management) | 3(2-1-6) |
| 830-602 | (Climate Change and Ecosystem) | 3(3-0-6) |
| 837-511 | (Sustainability Sciences) | 3(3-0-6) |

| | | |
|---------|---|----------|
| 837-512 | (Global Environmental Change, Impact Mitigation, and Adaptation Planning) | 3(3-0-6) |
| 837-513 | (Climate Change Vulnerability and Adaptation) | 3(3-0-6) |
| 837-514 | (Atmospheric Air Pollution) | 3(3-0-6) |
| 837-515 | (Climate and Global Warming) | 3(3-0-6) |
| 837-516 | (Advanced Weather and Climate Analysis and Forecasting) | 3(3-0-6) |
| 837-517 | (Atmospheric Boundaries Layer Science) | 3(3-0-6) |
| 837-518 | Tsunami and Storm Surge Analysis | 3(3-0-6) |
| 837-519 | Geohazards and Adaptation | 3(3-0-6) |
| 837-520 | (Advanced Modeling for Earth System Environment) | 3(2-2-5) |
| 837-521 | (Remote Sensing and Geoinformatics for Global Change) | 3(2-2-5) |
| 837-522 | (Sustainable Equator Environment) | 3(3-0-6) |
| 837-523 | (Biodiversity, Ecosystem Resilience and Adaptation) | 3(3-0-6) |
| 837-524 | (International Environmental Law) | 3(3-0-6) |
| 837-525 | (Green Growth and Sufficiency Economy) | 3(3-0-6) |
| 837-526 | (Basin Evolution, Process and Analysis) | 3(2-1-6) |
| 837-527 | (Coastal Environmental Change) | 3(3-0-6) |
| 837-528 | (Flood Risk Management) | 3(3-0-6) |
| 837-541 | (Special Topics in Environment Earth System I) | 3(3-0-6) |
| 837-542 | (Special Topics in Environment Earth System II) | 3(3-0-6) |
| 837-606 | (The Earth and Ecosystem Management) | 3(3-0-6) |

Thesis

| | | |
|---------|----------------------|-------------|
| 837-800 | (Thesis for plan A2) | 18(0-54-0) |
| 837-801 | (Thesis for plan A1) | 36(0-108-0) |

Qualification:

| Applicants' qualification | Master of Science Program In Earth System Environment | |
|--|--|--|
| | Plan A1 | Plan A2 |
| Education level | Bachelor degree or equivalent in the field of Science and Engineering or any other related fields | Bachelor degree or equivalent in the field of Science and Engineering or any other related fields |
| GPA | 3.00 or above | 2.50 or above |
| Work experience | - | - |
| Environmental research experience | Research experience in earth system environment or related fields | Research experience in earth system environment or related fields |
| English language proficiency | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% Or pass the English Proficiency Test that complies with the PSU | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% Or pass the English Proficiency Test that complies with the PSU |

| | | |
|------------------------------|---|---|
| | Graduate School rule within 1st year of study. | Graduate School rule within 1st year of study. |
| Special qualification | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. |

Document required:

1. Curriculum Vitae (CV)
2. Transcript
3. Research description/plan in English (about 2-4 pages)
4. A copy of an English proficiency certificate/results (If any, special consideration will be given).
5. Previous published research articles (If any).

Contact:

Dr. Sutinee Sinutok
Program chairperson
Tel: (+66)74-286847
Email: sutinee.s@psu.ac.th

Miss Sasipatch Punsawat
Academic officer
Tel: (+66)74-286806
Email: sasipatch.p@psu.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

1.2 Major requirements: 5 credits

| | | |
|----------|----------------------------------|----------|
| 01052517 | Advanced Food Science | 3(3-0-6) |
| 01052591 | Research Methods in Food Science | 2(1-3-4) |

1.3 Major electives: minimum 11 credits

Students are required to choose at least 8 credits of 500 level courses in the field of Food Science from the list below

| | | |
|----------|---|----------|
| 01052511 | Cereal Chemistry | 3(2-3-6) |
| 01052512 | Carbohydrate in Foods | 3(2-3-6) |
| 01052513 | Lipid in Foods | 2(2-0-4) |
| 01052514 | Protein in Food | 3(2-3-6) |
| 01052515 | Enzyme in Foods | 3(2-3-6) |
| 01052516 | Food Additives | 3(2-3-6) |
| 01052518 | Chemistry of Food Flavor and Analysis | 2(2-0-4) |
| 01052521 | Advanced Food Processing | 2(2-0-4) |
| 01052522 | Colloidal Systems in Foods | 3(3-0-6) |
| 01052523 | Food Analysis | 2(2-0-4) |
| 01052524 | Biosensor Technology in Food Industry | 2(2-0-4) |
| 01052531 | The Application of Physical Chemistry to Food Science | 2(2-0-4) |
| 01052541 | Food Toxicology | 2(2-0-4) |
| 01052542 | Hygienic Problems of Foods | 2(2-0-4) |
| 01052543 | Nutrition in Food Science | 2(2-0-4) |
| 01052544 | Nutrition in Food Processing | 2(2-0-4) |
| 01052545 | Quality Management in Food Science | 2(2-0-4) |
| 01052546 | Health Foods and Nutraceuticals | 2(2-0-4) |
| 01052592 | Applied Statistic for Food Science Research | 3(2-3-6) |
| 01052596 | Selected Topic in Food Science and Technology | 1-3 |
| 01052598 | Special Problems | 1-3 |

In addition, students may choose at least 3 credits of 500 level courses in the field of Food Science or other related field. He/she must gain approval from advisory committee, Head of Department, and the Dean of the Graduate School.

1.4 Thesis: minimum 18 credits

| | | |
|----------|--------|------|
| 01052599 | Thesis | 1-18 |
|----------|--------|------|

Document required:

1. Scanned files of bachelor's degree transcript clearly presenting a conferred degree name and a graduation date.

2. Scanned files of bachelor's degree certificate

3. A scanned file of the first page of student's passport

4. A scanned file of a one inch photograph of student, dressed in proper attire

5. A proof of English proficiency document (If any)

6. Other documents as required by your chosen department

Contacts:

Educational Services Section,
Department of Food Science and Technology,
Faculty of Agro-Industry, Kasetsart University, Thailand
E-mail: fgrakkc@ku.ac.th, kanokkorn.c@ku.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Postharvest Technology and Innovation

Master Degree: Master of Science (Postharvest Technology and Innovation)

Academic Institution: School of Agro-Industry, Mae Fah Luang University

Duration: Two (2) academic years (August 2019 – May 2021)

Objective:

The aims of this Program are to educate the student to have knowledge, expertise, and potency in postharvest technology and innovation and to be able to apply this knowledge for prolonging shelf life of agricultural produce, driving economy and development of country, and enhancing the national and international competitiveness.

Course Synopsis and Methodology:

Postharvest losses refer to measurable quantity and quality loss of food crops at harvest, storage, transportation, processing, marketing and preparation before consumption. It occurs throughout the value chain, as a result of technical and managerial setbacks during harvest, handling, transportation, processing, packaging, marketing, and distribution. On the other hand, investment efforts made to save food after harvest usually cost less and are less harmful to the environment. A minimum postharvest losses reduction can potentially reduce production cost. Postharvest losses impact on environment and climate following unnecessary emissions of greenhouse gases produced during production, processing, and transportation of fruits and vegetable which ultimately end into loss. Postharvest Technology and Innovation program aims to transfer the knowledge and innovation to all students who may use that knowledges for improving income and nutrition status of households, food security, and qualities of agricultural products in the supply chain. Application of postharvest technology and innovation on horticultural crops is an important effort for improving food and nutrition security and raised income in many countries. Course features both theoretical and practical learning which is divided into 3 groups: core courses, elective courses in 3 subgroups (Postharvest Technology and Innovation, Food Science and Technology, and Agricultural Technology), and Thesis.

Course Content/Study Topic:

Study plan for M.Sc. Postharvest Technology and Innovation

Plan A1 (Research only)

| Year 1 | | | | | |
|-----------------|--------|---|-----------------|-----------|----|
| Semester 1 | | | Semester 2 | | |
| 1407891 | Thesis | 6 | 1407891 | Thesis | 12 |
| | | | 1407748 | Seminar 1 | 0 |
| Total (credits) | | 6 | Total (credits) | | 12 |

| Year 2 | | | | | |
|-----------------|-----------|----|-----------------|--------|---|
| Semester 1 | | | Semester 2 | | |
| 1407891 | Thesis | 12 | 1407891 | Thesis | 6 |
| 1407846 | Seminar 2 | 0 | | | |
| Total (credits) | | 12 | Total (credits) | | 6 |

Plan A2 (Course works and research)

| Year 1 | | | | | |
|-----------------|--|----|-----------------|---------------------------------------|----|
| Semester 1 | | | Semester 2 | | |
| 1407700 | Agricultural Research Methodology | 3 | 1407753 | Postharvest Technology and Innovation | 3 |
| 1407738 | Postharvest Biology of Plant | 3 | 1407749 | Seminar 1 | 1 |
| 140xxxx | Elective 1 | 1 | 140xxxx | Elective 3 | 3 |
| 1407731 | Advanced Instruments for Postharvest Quality Determination | 3 | 140xxxx | Elective 4 | 3 |
| 140xxxx | Elective 2 | 3 | 1407892 | Thesis | 3 |
| Total (credits) | | 13 | Total (credits) | | 13 |

| Year 2 | | | | | |
|-----------------|-----------|----|-----------------|--------|---|
| Semester 1 | | | Semester 2 | | |
| 1407847 | Seminar 2 | 1 | 1407892 | Thesis | 3 |
| 1407892 | Thesis | 6 | | | |
| Total (credits) | | 10 | Total (credits) | | 3 |

Courses

1. Core courses

| | | |
|---------|--|----------|
| 1407700 | Agricultural Research Methodology | 3(3-0-6) |
| 1407738 | Postharvest Biology of Plant | 3(2-3-5) |
| 1407753 | Postharvest Technology and Innovation | 3(2-3-5) |
| 1407748 | Seminar 1 | 0(0-3-1) |
| 1407846 | Seminar 2 | 0(0-3-1) |
| 1407749 | Seminar 1 | 1(0-3-1) |
| 1407847 | Seminar 2 | 1(0-3-1) |
| 1407731 | Advanced Instruments for Postharvest Quality Determination | 3(2-3-5) |

2. Elective courses can be divided into 3 groups of subjects. Student can choose.

2.1 Postharvest Technology and Innovation

| | | |
|---------|---|-----------|
| 14057xx | Quality and Food Safety Management | 3(3-0-6) |
| 1407734 | Postharvest Diseases | 3(2-3-5) |
| 1408703 | Packaging Innovation | 3(2-3-5) |
| 1407744 | Postharvest Management of Fruits and Vegetables | 3(2-3-5) |
| 1407733 | Postharvest Management of Cereal Grains, Legumes and Oilseeds | 3(2-3-5) |
| 1407746 | Postharvest Technology of Ornamental Crops | 3(2-3-5) |
| 1407761 | Non-destructive Evaluation for Agricultural Crops | 3(2-3-5) |
| 1407848 | Postharvest Pest Management | 3(3-0-6) |
| 1407732 | Postharvest Engineering | 3(2-3-5) |
| 1407735 | Selected Topics in Postharvest Technology and Innovation | 1(1-0-2) |
| 1408704 | Packaging for Transport and Distribution | 3(2-3-5) |
| 1409701 | Agricultural Logistics Management | 3(3-0-6) |
| 1407751 | Internship | 4(0-40-6) |
| 1407752 | Farm and Industry Visit | 1(0-6-1) |

| | | |
|---------------------------------|--|------------|
| 2.2 Food Science and Technology | | |
| 1403746 | Food Processing Innovation | 3(2-3-5) |
| 1406770 | Consumer Trends and Technology | 3(3-0-6) |
| 1402814 | Functional Foods and Nutraceuticals | 3(3-0-6) |
| 2.3 Agricultural Technology | | |
| 1407701 | Principle of Horticulture | 3(3-0-6) |
| 1407702 | Agricultural and Environmental Science | 3(3-0-6) |
| 1407703 | Principle of Floriculture | 3(3-0-6) |
| 1407704 | Crop Technology and Innovation | 3(3-0-6) |
| 3. Thesis | | |
| 1407891 | Thesis 36 | (0-108-36) |
| 1407892 | Thesis 12 | (0-36-12) |

Qualification:

Students with a bachelor's degree in Agriculture, Food Science, Biology, Chemistry, Biochemistry, Biotechnology, and related fields with cumulative undergraduate GPA ≥ 2.50 and TOEFL score ≥ 450 are encouraged to join the program. The program admissions committee makes all admission consideration on case-by-case basis.

Document required:

1. Application affixed with photographs;
2. A copy of transcript from attended institutions
3. Evidence of English proficiency, TOEFL exam or others
4. Statement of purpose
5. Letters of recommendation from referee
6. A copy of passport

Contact:

Dr. Wirongrong Tongdeesoontorn
Packaging Technology,
School of Agro-Industry
Mae Fah Luang University
Tel: (+66)95-4491890
E-mail: wirongrong.ton@mfu.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Agricultural Science

| | |
|------------------------------|---|
| Master Degree: | Master of Science (Agricultural Science) |
| Academic Institution: | Faculty of Agriculture, Natural Resources and Environment, Naresuan University |
| Duration: | Two (2) years, academic years (June 2019 – March 2021) |

Objectives:

1. To gain knowledge, competency, skill, and attitude for working in the field of agricultural science in the international level.
2. To be curious and have ability for doing research and developing agricultural science
3. To have various skills and readiness about technological transformation and development in higher level by having an awareness that will effect to environment and humanity.
4. To understand in social changing and condition both in Thailand and the world, to determine for developing the country following the role and responsibility throughout the conservation and promotion resources, religion, and national culture.
5. To have moral discipline, on time, honest, intelligence, professional realization and social responsibility.

Course Synopsis & Methodology:

Master of Science Program is the integrated course of study and research that focusing on Agricultural Sciences knowledge with Plant Science, Entomology, Diseases and Pests, Soil Resources Management, Agricultural Development, Animal Production in the tropical, Biotechnology, Post-Harvest, Seminar, and Thesis

Course Content and Study Topic:

Naresuan University proudly offers Master of Science Program in Agricultural Science that focuses on Plant Science, Entomology, Soil Resources and Agricultural Environment Management, Agricultural Development, Tropical Animal Production, Energy Crops and Industrial Crops, and Postharvest Technology. The program takes two years and consists of two plans; 1(*Plan A Type A1* requires 36 credits of thesis plus 6 credits of basic required courses, and 2(*Plan A Type A2* requires 12 credits of thesis plus 6 credits of basic required courses, and 24 credits of elective prescribed courses. The students can choose either plan and focus on any field previously mentioned. The students will learn to investigate the specific problems leading to uncover information and also learn to write and present the results through thesis. The basic required courses consist of seminars and research methodology for improving the presentation skills and step-by-step research guidance. The students can choose the elective prescribed courses from various subjects according to academic background, thesis topics and interests. The students pursuing the program will improve knowledge and experiences through lectures, seminars, and researches useful for future careers.

Master of Science Program in Agricultural Science consists of minimum 36 credits that was divided into 2 plans;

| No | Program | Criterion of Ministry of Education | | Revised Curriculum 2016 | |
|------------------------------|--|------------------------------------|-----------------|-------------------------|-----------------|
| | | Plan A Type A 1 | Plan A Type A 2 | Plan A Type A 1 | Plan A Type A 2 |
| 1 | Course work | - | 12 | - | 24 |
| 2 | 1.1 minimum credit of prescribed course 1.2 minimum credit of elective course | - | - | - | 24 |
| 3 | Thesis | 36 | 12 | 36 | 12 |
| 4 | Independent Study | - | - | - | - |
| 5 | prescribed course without credit | - | - | 7 | 7 |
| Total minimum credits | | 36 | 36 | 36 | 36 |

Qualifications:

The student should be graduated in Bachelor degree or equivalent in Agriculture or related field with other qualifications of Naresuan University Graduate regulations

Plant Science, Entomology, Diseases and Pests, Soil Resources Management, Agricultural Development, Animal Production in the tropical, Biotechnology, Post-Harvest, Seminar, and Thesis

Document required:

1. Three (3) copies of the Application Form, each affixed with photographs.
2. Grade point average of 2.75 or higher
3. Original undergraduate transcripts
4. Two (2) letters of recommendation
5. Personal statement include CV
6. Medical Health Report
7. TOEFL (for student non – English speaking institutions)
 - Computer based: 213
 - Paper based: 550
 - iBT: 80 and IELTS: 6.5

Contact:

Assoc. Prof. Dr. Det Wattanachaiyingcharoen
Department of Agricultural Science
Faculty of Agriculture, Natural Resources and Environment
Naresuan University, Thailand
Tel: (+66)55-962822
E-mail: detw@nu.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Food Science and Technology

Master Degree: Master of Science in Food Science and Technology

Academic Institution: Department of Food Technology, Faculty of Science,
Chulalongkorn University

Duration: Two (2) years (August 2019 – July 2021)

Objectives:

1. To produce graduate who has in-depth knowledge in Food Science and Technology to be able to do research and development in advanced level
2. To produce knowledge and technology related to Food Science and Technology for solving problems or support country's needs in area of food and agricultural industry.

Course Synopsis & Methodology:

Master of Food Science and Technology (International Program) 39 credits total.

Required subject 9 credits Elective subject 12 credits Thesis 18 credits

| First year | | | | | |
|--------------|---|-----------|--------------|-----------|-----------|
| Semester 1 | | | Semester 2 | | |
| 2314665 | Statistical Methods for Food Research | 3 | 2314xxx | Electives | 7 |
| 2314672 | Instrumentation Techniques in Food Research | 3 | | | |
| 2314698 | Individual Study I | 1 | 2314813 | Thesis | 5 |
| 2314xxx | Electives | 5 | | | |
| Total | | 12 | Total | | 12 |

| Second year | | | | | |
|--------------|-----------|-----------|--------------|------------|----------|
| Semester 1 | | | Semester 2 | | |
| 2314703 | Seminar I | 1 | 2314704 | Seminar II | 1 |
| 2314813 | Thesis | 11 | 2314813 | Thesis | 2 |
| Total | | 12 | Total | | 3 |

Course Content/ Study Topic:

Courses Offered

1. Required courses 9 Credits

| | | |
|---------|---|----------|
| 2314665 | Statistical Methods for Food Research | 3(3-0-9) |
| 2314672 | Instrumentation Techniques in Food Research | 3(2-3-7) |
| 2314698 | Individual Study I 1(0-0-4) | 1(1-0-3) |
| 2314704 | Seminar II | 1(1-0-3) |

2. Electives courses not less than 12 Credits

| | | |
|---------|-----------------------------|----------|
| 2314565 | Thermal Processing of Foods | 2(2-0-6) |
| 2314566 | Food Chilling and Freezing | 2(2-0-6) |

| | | |
|----------------------|--|----------|
| 2314568 | Physical Properties of Foods | 3(2-3-7) |
| 2314572 | Food Product Design | 2(2-0-6) |
| 2314573 | Applied Food Microbiology | 3(3-0-9) |
| 2314574 | Research and Development of Functional Foods | 3(3-0-9) |
| 2314575 | Interactions of Food Components | 2(2-0-6) |
| 2314576 | Drying Technologies in Food Processing | 2(2-0-6) |
| 2314667 | Transport Phenomena in Food Processing | 3(3-0-9) |
| 2314668 | Computational Techniques for Food Processing | 3(2-3-7) |
| 2314670 | Food Phenolics | 2(2-0-6) |
| 2314671 | Chemical and Physical Changes in Food | 3(3-0-9) |
| 2314673 | Packaging of Food Products | 3(3-0-9) |
| 2314699 | Individual Study II | 1(0-0-4) |
| 3. Thesis 18 Credits | | |
| 2314813 | Thesis 18 Credits | |

Qualifications:

1. Applicants must hold a bachelor of Science in Food Technology or related fields. For other related degree holders, an approval from the academic Program Subcommittee is required. Students completing their eligible degrees in the last semester can also apply. Candidates whose first language is not English must have an appropriate level in an approved test of English. A TOELF score of 530 (paper-based) or 197 (computer based) or 71 (internet-based) or higher or an IELTS score of 6.0 or higher is required. For those who do not have TOEFL or IELTS score, CU Test of English Proficiency (CU-TEP) score equivalent to a TOEFL score 530 is required.

2. The applicants who are from other areas not Food Technology or Food Science or Food Science and Technology must enroll in the basic food technology subjects that the department graduate program administration committee will consider for a particular student.

3. The department graduate program administration committee considers that the applicants are qualified for this program.

Document Required:

1. Application form and a concept proposal (800 - 1,000 words)
2. TOELF or IELTS scores or CU-TEP (for those who do not have a TOEFL or IELTS score)
3. Three sealed recommendation letters
4. Academic transcript (in English) and certificate of graduation of Bachelor degree
5. Copy of Passport
6. Applicant's CV

Contacts:

Asst. Prof.Dr. Chaleeda Borompichaichartkul
 Department of Food Technology,
 Faculty of Science,
 Chulalongkorn University, Thailand
 Tel: (+66)2-2185518
 E-mail: chaleeda.b@chula.ac.th, chaleedab@hotmail.com

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Biomedical Sciences (International Program)

Master Degree: Master of Science (Biomedical Science)
Academic Institution: Graduate School, Khon Kaen University
Duration: Two (2) academic years (August 2019 – July 2021)

Objectives:

The Master's program in Rural Development Management intends to produce post-graduates who are qualified as follows:

1. Being able to understand principles and theories of rural development as a multi-disciplinary science, and able to apply the principles and theories of rural development management by inculcating knowledge and experience from former careers.
2. Skilled in management, development plan establishment, development project settlement, as well as conducting and analyzing research on the physical circumstances, society, economy, culture, technology and environment of an individual locality.
3. Have good attitudes towards rural development management and have a sense of initiative about self-development, and defined social skills in the areas of human interaction and leadership.

Course Synopsis & Methodology:

| Categories of Courses | Number of Credit Hours | |
|-------------------------------------|------------------------|----------------|
| | Plan A Type A1 | Plan A Type A2 |
| 1. Core course | - | - |
| 2. Major Required Courses | 2 (Non - credits) | 8 |
| 3. Major Elective Courses | - | 8 |
| 4. Thesis | 36 | 20 |
| Total credits in the program | 36 | 36 |

Course Content/ Study Topic:Plan A Type A1

- | | | | |
|-----------|---------|--------|------------|
| 1. Thesis | 753 898 | Thesis | 36 Credits |
|-----------|---------|--------|------------|

Plan A Type A2

- | | | | |
|---------------------------|---------|---------------------------------------|------------|
| 1. Major Required Courses | | | |
| | 356 712 | Cells and Molecular Biology | 3 Credits |
| | 753 702 | Academic Writing | 2 Credits |
| | 356 714 | Medical Sciences Research Methodology | 3 Credits |
| 2. Major Elective Courses | | | |
| | XXX XXX | Elective courses | 8 Credits |
| 3. Thesis | | | |
| | 753 899 | Thesis | 12 Credits |

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) references in signed and sealed envelopes
3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available
5. A brief proposal for an independent study, including a topic, statement of the problems, objectives and expectations

Contacts:

Jittima Kraisiwattana
International Relations Officer
Graduated school, Khon Kaen University, Thailand
Tel: (+66)43-202420 Ext. 42436
E-mail: jittkr@kku.ac.th

Closing date for Nominations: March 31, 2019**Late or incomplete applications/documents will not be considered.**

Course Title
Diploma Course in Dermatology and Dermatosurgery

Academic Institution: Institute of Dermatology

Duration: One (1) year academic training program (May 2019 –March 2020)

Objectives:

Providing knowledge in basic sciences, clinical dermatology and advanced technology in diagnostic approaches and managements, research methodology, broad clinical experience in general dermatosurgery, laser surgery, and cosmetic surgical techniques.

Course Synopsis & Methodology:

The course is divided to two (2) semesters and conducted in English. The Topics are integrated of basic sciences, clinical dermatology, laboratory practice, clinical research dermatosurgery, laser surgery, and cosmetic surgical techniques; and written and oral examination on theoretical, clinical and laboratory. The Diploma is presented to participant who attains an average score $\geq 60\%$.

Course Content / Study Topic:

I. THAI LECTURERS

1. Theory

1.1 General

- 1) Principle of dermatology
- 2) Basic, structure and function of the skin I, II
- 3) Papulosquamous diseases I, II
- 4) Parasitic skin diseases
- 5) Cutaneous skin diseases
- 6) Bacterial skin infection
- 7) Vasculitis
- 8) Acne and facial Dermatoses
- 9) Pediatric dermatology I, II
- 11) Sexually transmitted diseases
- 12) Skin manifestation in AIDS
- 13) Stem cell in the skin
- 14) Molecular biology I, II, III, IV
- 15) Leprosy
- 16) Drug eruptions
- 17) How to read paper & data mining
- 18) Vesiculobullous diseases & Diseases of mucous membrane
- 19) Skin signs in systemic diseases
- 20) Clinical research
- 21) Topical therapy I, II,
- 22) Clinical dermatology I, II, III
- 23) Tumors of the skin I, II
- 24) Skin Signs
- 25) Pigmentation
- 26) Dermatomes of pregnancy
- 27) Applied non-invasive techniques in practical dermatology
- 28) Geriatric dermatology
- 29) Fundamental in Dermato-Pharmacology

- 30) Medical important fungi: a guide to identification
- 31) Pit fall

1.2 Subspecialty

1.2.1 Contact and occupational dermatology

- 1) Eczema
- 2) Contact dermatitis
- 3) Non-eczematous contact dermatitis
- 4) Occupational dermatoses
- 5) Contact urticaria syndrome

1.2.2 Mycology

- 1) Superficial mycoses
- 2) Subcutaneous mycoses
- 3) Systemic mycoses

1.2.3 Dermatopathology

- 1) Terminology and normal structure of the skin
- 2) Inflammatory diseases I, II
- 3) Vesiculobullous diseases (Derm-path)
- 4) Vasculitis & Panniculitis
- 5) Tumors I-II

1.2.4 Immunology

- 1) Basic immunology
- 2) Basic immunodermatology
- 3) Immunodermatology
- 4) Vesiculobullous diseases
- 5) Connective tissue diseases
- 6) Urticaria

1.2.5 Photodermatology

- 1) Photoprotection and treatment of photoaging
- 2) Phototherapy and photochemotherapy
- 3) Photodiagnosis, solar urticaria
- 4) Phototoxic and photoallergy
- 5) Photodermatoses: Metabolic and genetic disorder
- 6) Sunscreen

1.2.6 Hair and Nail

- 1) Diseases of hair
- 2) Diseases of nails

1.2.7 Dermatosurgery

- 1) Introduction to dermatosurgery
- 2) Basic Principle of Laser in Dermatology
- 3) Electrosurgery, Cryosurgery, Live demonstration
- 4) Surgical treatment of skin Cancer & Surgical treatment of Vitiligo
- 5) Intense Pulsed Light, Live demonstration
- 6) Carbon dioxide Laser, Live demonstration
- 7) Pigment specific Laser, Live demonstration
- 8) Vascular specific Laser, Live demonstration
- 9) Management of Acne Scarring, Live demonstration
- 10) Hair removal Laser, Live demonstration
- 11) Non-ablative Skin Remodeling laser, Live demonstration
- 12) Radiofrequency for Skin Tightening , Live demonstration
- 13) Fractional Erbium:Glass Laser, Live demonstration

- 14) Fractional Erbium:Yag Laser, Live demonstration
- 15) Light-based Devices in Treatment of Acne Vulgaris
- 16) Procedural Approach in Melasma, Live demonstration
- 18) Dermal Fillers, Live demonstration
- 19) Botulinum Toxin in Dermatology 1, 2, Live demonstration

2. Clinical Practice

2.1 Subspecialty

- 1) Photobiology
- 2) Surgery
- 3) Contact and occupational dermatitis clinic & lab.
- 4) Mycology lab.
- 5) Immunology lab.
- 6) Microscopy lab.
- 7) Bacteriology lab.

2.2 Special clinic

- 1) Genodermatoses
- 2) Immunology
- 3) Leprosy
- 4) Hair and Nails
- 5) Laser

2.3 Clinical demonstration

2.4 Journal club

2.5 Interesting case

2.6 Topic Review

2.7 Clinical Slide Conference

2.8 O.P.D.

Insite : Institute of Dermatology

Outside : O.P.D. visit to

- 1) Siriraj Hospital
- 2) Ramathibodi Hospital
- 3) Chulalongkorn Hospital
- 4) Rajvithi Hospital
- 5) Queen Sirikit National Institute of Child Health
- 6) Bangrak-STIs Cluster

2.9 I.P.D.

2.10 Field study:

- 1) Chiangmai University, Chiangmai Province
- 2) Trang Regional Center of Tropical Dermatology, Trang Province

3. Others

- 1) Orientation and Introduction to Institute
- 2) Group Activities
- 3) Country report
- 4) Final Examination
- 5) Oral examination

II. JAPANESE LECTURER (Theory)

- 1) Basic Science in Dermatology
- 2) Biochemistry related to the skin
- 3) Infectious Disease in Dermatology
- 4) Molecular dermatology
- 5) Immunodermatology
- 6) Photodermatology

- 7) Laser surgery
- 8) Allergic skin diseases
- 9) Plastic Surgery

Qualifications:

1. Doctor of Medicine graduation.
2. Below fifty (50) years of age.
3. At least 3 years (foreign doctor) and 3 years (Thai doctor) working experience.
4. Good command of spoken and written English.
5. Good health in physical and mentality - health certificate must be provided and signed by an authorized physician (form is available in the application).
6. Pregnancy is definitely disqualified to the course condition.

Documents Required:

1. Application Form
2. Curriculum Vitae or Resume
3. Recommendation Letter 3 Letter (Workplace, University, Dermatologist)
4. Copy of your Identification Card or passport
5. Copy of Academic Degree & Transcript
6. Copy of Medical License
7. Health Certificate

Note: All enclosed documents, please address “certified true copy”.

Contact:

Technology Training Division
420/7 Rajavithi Road, Bangkok 10400 Thailand
Tel: (+66)9 5372 8294, (+66)9 5205 1308
Fax: (+66)2 644 9333
E-mail: training.inderm@gmail.com, training@inderm.go.th
<http://www.ioddiploa.org>

Closing Date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Public Health

| | |
|------------------------------|---|
| Master Degree: | Master of Public Health |
| Academic Institution: | Faculty of Public Health, Naresuan University |
| Duration: | Two (2) academic years (June 2019 – March 2021) |

Objectives:

The Master of Public Health course aims at shaping the students to be capable as follows:

1. Be morality and ethics, being able to solve problems and ethically make a decision under both professional and law concepts.
2. Be practitioner who can identify and stop health problems by applying knowledge of public health and other related fields to evaluate health necessity, problem conditions, and other factors causing problems.
3. Be able to analyze and conduct a research correctly, as well as develop health systems according with social context.
4. Be able to efficiently provide empirical evidence to evaluate, analyze, and manage the project in order to eliminate public health problems including health problems, health services, occupational health, and environmental health.
5. Be able to professionally communicate and use information technologies according with socio-cultural context.
6. Have both leadership and good human relations to work as a team with interdisciplinary, party networks, and other related fields for the purpose of eliminating public health problems in all levels; social, local, national, and international level.
7. Be able to work as a team. Be a good leader and a good follower. Have good human relations. And, be able to cooperate with other sections properly.

Course Synopsis & Methodology:**Course Philosophy**

The course aims at producing the students having a leadership as the administrative and the practitioner who is capable with integration knowledge, and experiences in both eliminating public health problems and promoting social health. The student is to be able to work as a team, having academic and professional morality to create productive research knowledge promoting individual and social health by focusing on the quality of life of people in the society.

First Year Program**1st Semester**

| | | |
|--------------|--|----------------------|
| 551594 | General public health | 3(2-2-5) |
| 551514 | Biostatistics for Public Health Research | 3(2-2-5) |
| 551516 | Environmental and Occupational Health | 3(2-2-5) |
| 551517 | Behavioral Sciences and Health Education | 3(2-2-5) |
| 551518 | Epidemiology | 3(2-2-5) |
| 551591 | Research Methodology in Public Health | 3(2-2-5) |
| Total | | 15(3) Credits |

2nd Semester

| | | |
|--------------|------------------------------------|----------------------|
| 551515 | Public Health Administration | 3(2-2-5) |
| 551521 | Health promotion | 3(2-2-5) |
| 551522 | Population and Reproductive Health | 3(2-2-5) |
| 551581 | Thesis I, Type A2 | 3 Credits |
| 551595 | Seminar I | 1(0-2-1) |
| Total | | 12(1) Credits |

Second Year Program**1st Semester**

| | | |
|--------------|--------------------|---------------------|
| 551XXX | Elective Course | 3(2-2-5) |
| 551596 | Seminar II | 1(0-2-1) |
| 551582 | Thesis II, Type A2 | 3 Credits |
| Total | | 6(1) Credits |

2nd Semester

| | | |
|--------------|---------------------|------------------|
| 551583 | Thesis III, Type A2 | 6 Credits |
| Total | | 6 Credits |

Course Content/Study Topic:**1. Core Courses**

| | | |
|--------|--|----------|
| 551514 | Biostatistics for Public Health Research | 3(2-2-5) |
| 551515 | Public Health Administration | 3(2-2-5) |
| 551516 | Environmental and Occupational Health | 3(2-2-5) |
| 551517 | Behavioral Sciences and Health Education | 3(2-2-5) |
| 551518 | Epidemiology | 3(2-2-5) |
| 551593 | Research Methodology in Public Health | 3(2-2-5) |

18 Credits ;**2. Requirement Courses**

| | | |
|--------|------------------------------------|----------|
| 551521 | Health promotion | 3(2-2-5) |
| 551522 | Population and Reproductive Health | 3(2-2-5) |

6 Credits**3. Elective Courses**

| | | |
|--------|--|----------|
| 551535 | Strategies and Methods in Health Promotion | 3(2-2-5) |
| 551536 | Social Epidemiology | 3(2-2-5) |
| 551537 | Policy and Health System Reform | 3(2-2-5) |
| 551539 | Environmental Health Management in Community | 3(2-2-5) |
| 551540 | Biostatistics for Public Health Research | 3(2-2-5) |
| 551541 | Human resources management in health care | 3(2-2-5) |
| 551542 | Health Promotion Services Management | 3(2-2-5) |
| 551543 | Environmental toxicology in public health | 3(2-2-5) |
| 551544 | Environmental and Health Impact Assessme | 3(2-2-5) |
| 551545 | Population and Community Health | 3(2-2-5) |
| 551546 | Health Innovation | 3(2-2-5) |
| 551547 | Health promotion in community | 3(2-2-5) |
| 551548 | Public Health Geographic Information Systems | 3(2-2-5) |
| 551549 | Aging Health Care in Community | 3(2-2-5) |
| 551550 | Epidemiology and Disease Control | 3(2-2-5) |
| 551551 | Measurement in Epidemiology | 3(2-2-5) |
| 551552 | Population and Reproductive Health research | 3(2-2-5) |

3 Credits

| | | |
|--|------------------------------|-------------------|
| 4. Thesis | | 12 Credits |
| | 551581 Thesis I, Type A2 | 3 Credits |
| | 551582 Thesis II, Type A2 | 3 Credits |
| | 551583 Thesis III, Type A2 | 6 Credits |
| 5. Requirement Courses (Non-credit) | | 5 Credits |
| | 551594 General public health | 3(2-2-5) |
| | 551595 Seminar I | 1(0-2-1) |
| | 551596 Seminar II | 1(0-2-1) |

Qualification:

1. Graduated with a Bachelor's degree or equivalent in public health or health sciences and related field, such as nursing, Medicine, Dentistry, Veterinary Medicine, Pharmacy, Medical Technology, Applied Alliance or other related fields, from Institutions accredited by the Ministry of Education. Or the applicant is in the final year of the Bachelor's program and is expected to fulfill the requirements before the first semester starts. All applicants are to have all other qualifications required by the University.

2. For those who did graduate degree in another field. Must have experienced working in public health or related field for not less than three years.

3. For those who did not conform to the properties 1 and 2. To file a request to be considered for admission. Depending on the discretion of the Master of Public Health Program Committee.

Document Required:

1. Certifications
2. Copy of ID card and Passport
3. TOEFL or IELTS test report

Contact:

Asst. Prof. Dr. Nithra Kittherawutthiwong
Faculty of Public Health
Naresuan University, Thailand
Tel: (+66)55-967319
Email: nithrakm@gmail.com

Closing Date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Primary Health Care Management

Master Degree: Master of Primary Health Care Management

Academic Institution: Asean Institute For Health Development,
Mahidol University

Duration: One (1) academic year (August 2019 - July 2020)

Objectives:

At the end of the course the learners should be able to:

1. Criticize ethical issues and strategies for dealing that ethical issues that have been raised and may arise in public health professions
2. Critique public health problems, health needs, factor related with that problems from scholarly literature and related information
3. Propose strategic options or primary health care innovation to solve or enhance primary health system via research that has been conducted in systematic process
4. Act as lifelong learner with behave consistently seeking knowledge for developing intellectual independence
5. Interact professionally when work as a multidisciplinary team as both leader and member for solving and managing primary health care works in all levels
6. Use information technology effectively and appropriately with the social and cultural context.
7. Communicate effectively and appropriately with all level of practitioners
8. Analyze and interpret statistical data as they support evaluating, planning and managing primary health care system

Course Synopsis & Methodology:

The course comprises 36 credits

Course Content/ Study Topic:

| | | |
|--|--|------------|
| 1. Required course | | 15 Credits |
| ADPM602 | Health Service and Primary Health Care Management | 3 Credits |
| ADPM603 | Epidemiology for Primary Health Care Management | 3 Credits |
| ADPM622 | Management of Environmental Health for Sustainable Development | 3 Credits |
| ADPM629 | Research Methodology for Primary Health Care | 3 Credits |
| ADPM611 | Health Promotion in Primary Health Care | 2 Credits |
| ADPM697 | Thesis Seminar | 1 Credits |
| 2. Elective course not less than 9 Credits | | |
| ADPM612 | Leadership and Health Team Development | 2 Credits |
| ADPM613 | Health Economics | 2 Credits |
| ADPM614 | Primary Health Care and Global Health | 2 Credits |
| ADPM615 | Professional Training Management in Primary Health Care | 2 Credits |
| ADPM619 | Field Study | 2 Credits |
| ADPM636 | Socio-economic and Cultural Perspective in Health | 2 Credits |
| ADPM638 | Health Communication for Primary Health Care Management | 2 Credits |

| | | |
|---------|---|------------|
| ADPM639 | Health Systems Policies | 2 Credits |
| ADPM656 | Applied Statistics for Health Science Research | 3 Credits |
| ADPM695 | Sufficiency Economy Philosophy for Primary Health Care Management | 2 Credits |
| ADPM696 | Principle Concept and Practice of One Health | 2 Credits |
| ADPM698 | Thesis | 12 Credits |

Qualifications:

All applicants must fulfill the following:

1. Hold a M.D., D.D.S., D.V.M. or co-medical science degree from an accredited institutions;
2. Have extensive working experience at least 3 years;
3. Be currently engaged in primary health care activities or expected to be after course competition;
4. Good command of English (TOEFL score of 500 and above or IELTS score with a minimum of 5)

Document Required:

1. Two (2) copies of the Application Form sealed with 2 photos
2. Two (2) recommendation letters
3. Transcripts of studies in English
4. English language certificate (e.g. TOEFL, IELTS), if available

Contacts:

ASEAN Institute for Health Development
Mahidol University, Thailand
Tel: (+66)2-4419040 Ext. 37, 46
Facsimile (+66)2-4419044
Email: Aroonsri.mon@mahidol.edu, Orapin.lao@mahidol.edu

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Environmental Management

Master Degree: Master of Science (Environmental Management)

Academic Institution: Faculty of Environmental Management
Prince of Songkla University, Hatyai campus

Duration: Two (2) years (August 2019 – May 2021)

Objective:

To educate master students who are able to efficiently apply their knowledge of energy management and science to be the basement of the sustainable development morally for both national and international level.

Course Synopsis and Methodology:

Number of the total credits not less than 36 credits

Plan A; A1 (Research plan) 36 credits
-Thesis 36 credits

Plan A; A2 (Coursework and research plan) 36 credits
-Compulsory courses 9 credits
-Elective courses 9 credits
-Thesis 18 credits

Course Content/Study Topic:

| <u>Compulsory courses</u> | | 9 credits |
|----------------------------------|--|------------------|
| 820-500 | (Environmental Assessment) | 3(3-0-6) |
| 820-501 | (Sustainable Environmental Management) | 3(3-0-6) |
| 820-502 | (Environmental Research Methodology)* | 3(3-0-6) |
| 820-505 | (Seminar I)* | 1(0-2-1) |
| 820-506 | (Seminar II)* | 1(0-2-1) |
| 825-500 | (Ecological and Environmental Economics)* | 3(3-0-6) |
| 825-501 | (Good Governance in Environmental Management) | 3(3-0-6) |
| 825-506 | (Environmental Law)* | 3(3-0-6) |
| 830-500 | (Science and Technology for Environmental Management)* | 3(3-0-6) |

* No credit (Result in grade of S=Pass, U= Fail)

| <u>Elective Courses</u> | | 9 credits |
|--------------------------------|--|------------------|
| 825-502 | (Public Policy for Environmental Management) | 3(3-0-6) |
| 825-503 | (Environmental Organization Administration) | 3(3-0-6) |
| 825-504 | (International Environmental Policy) | 3(3-0-6) |
| 825-505 | (Human Rights and the Environment) | 3(3-0-6) |
| 825-507 | (Climate Change and Sustainable Development) | 3(3-0-6) |
| 826-500 | (Education for Sustainable Development) | 3(3-0-6) |
| 826-501 | (Community, Resources and Environmental Development) | 3(3-0-6) |
| 826-502 | (Policies and Actions for Sustainable Development) | 3(3-0-6) |
| 830-501 | (Soil Degradation and Management) | 3(3-0-6) |

| | | |
|---------------|--|-------------|
| 830-502 | (Environmental Quality Analysis Laboratory) | 3(3-0-6) |
| 830-503 | (Environmental Risk Assessment) | 3(3-0-6) |
| 830-504 | (Geographic Information System for Environmental Management) | 3(3-0-6) |
| 830-505 | (Lake Basin Management) | 3(3-0-6) |
| 830-506 | (Contamination of Heavy Metals in Soils) | 3(3-0-6) |
| 830-507 | (Indoor Air Pollution) | 3(3-0-6) |
| 830-508 | (Sustainable Urban Water Management) | 3(3-0-6) |
| 830-509 | (Air Pollution and Control) | 3(3-0-6) |
| 830-510 | (Water Pollution and Water Quality Management) | 3(3-0-6) |
| 830-511 | (Solid and Hazardous Waste Management) | 3(3-0-6) |
| 830-512 | (Waste Recovery and Recycling) | 3(3-0-6) |
| 830-513 | (Wastewater Technology : Treatment and Resource Recovery) | 3(3-0-6) |
| 830-514 | (Advanced Environmental Technology Management) | 3(3-0-6) |
| 830-515 | (Contaminated Site Remediation) | 3(3-0-6) |
| 830-516 | (Environmental Decision Support System) | 3(3-0-6) |
| 830-517 | (Pollution Prevention and Industrial Waste Management) | 3(3-0-6) |
| 830-518 | (Energy Conservation and Management) | 3(3-0-6) |
| 830-519 | (Environmental Biotechnology Innovation) | 3(3-0-6) |
| 830-520 | (Biotechnology for Energy and Environment) | 3(3-0-6) |
| 830-521 | (Biofuel Technology) | 3(3-0-6) |
| 830-522 | (Advanced Industrial Wastewater Management) | 3(3-0-6) |
| 830-523 | (Polymers and The Environment) | 3(3-0-6) |
| 830-524 | (Fuels, Combustion and Emission Control) | 3(3-0-6) |
| 830-525 | (Biogas and Natural Gas Utilization Technologies) | 3(3-0-6) |
| 835-500 | (Toxicology and Industrial Hygiene) | 3(3-0-6) |
| 835-501 | (Drinking Water and Food Sanitation Technology) | 3(3-0-6) |
| 835-502 | (Public Health and Environmental Laws) | 3(3-0-6) |
| 835-503 | (Principles and Management of Environmental Health) | 3(3-0-6) |
| 837-501 | (Earth System Environment and Sustainability) | 3(3-0-6) |
| Thesis | | |
| 820-800 | (Thesis for plan A2) | 18(0-54-0) |
| 820-801 | (Thesis for plan A1) | 36(0-108-0) |

Qualification:

| Applicants' qualification | Master of Science Program in Environmental Management | |
|--|--|--|
| | Plan A1 | Plan A2 |
| Education level | All Bachelor degree or related fields | All Bachelor degree or related fields |
| GPA | 3.50 or above | 2.50 or above |
| Work experience | 3 years or above | 1 years or above |
| Environmental research experience | - | - |
| English language proficiency | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 |

| | | |
|------------------------------|--|--|
| | TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% | TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% |
| | Or pass the English Proficiency Test that complies with the PSU Graduate School rule within 1st year of study. | Or pass the English Proficiency Test that complies with the PSU Graduate School rule within 1st year of study. |
| Special qualification | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. |

Document required:

1. Curriculum Vitae (CV)
2. Transcript
3. Research description/plan in English (about 2-4 pages)
4. A copy of an English proficiency certificate/results (If any, special consideration will be given).
5. Previous published research articles (If any).

Contact:

Dr. Worradorn Phairuang
Program chairperson
Tel: (+66)74-286836
Email: worradorn.p@psu.ac.th

Miss Sasipatch Punsawat
Academic officer
Tel: (+66)74-286806
Email: sasipatch.p@psu.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.

Course Title
Master of Science Program in Sustainable Energy Management

Master Degree: Master of Science (Sustainable Energy Management)

Academic Institution: Faculty of Environmental Management
 Prince of Songkla University, Hatyai campus

Duration: Two (2) years (August 2019 – May 2021)

Objective:

To educate master students who are able to efficiently apply their knowledge of energy management and science to be the basement of the sustainable development morally for both national and international level.

Course Synopsis and Methodology:

Number of the total credits not less than 36 credits

Plan A; A1 (Research plan) 36 credits

-Thesis 36 credits

Plan A; A2 (Coursework and research plan) 36 credits

- Compulsory courses 9 credits
 - Elective courses 9 credits
 - Thesis 18 credits

Course Content/Study Topic:

Compulsory courses 9 credits

| | | |
|---------|---|----------|
| 820-601 | (Environmental Research Methodology)* | 3(3-0-6) |
| 831-804 | (Seminar in Sustainable Energy Management I)** | 1(0-2-1) |
| 831-805 | (Seminar in Sustainable Energy Management II)** | 1(0-2-1) |
| 835-605 | (Basics of Energy Systems) | 3(3-0-6) |
| 835-606 | (Sustainable Energy Systems) | 3(3-0-6) |

* No credit for Master of Science program/Plan A1

Credit for Master of Science program/Plan A2

** No credit (Result in grade of S=Pass, U= Fail)

Elective Courses 9 credits

(Choose at least 1 course from elective course type 2 and at least 1 course from elective course type 5)

Elective course Type 1: Energy Science and Resources

| | | |
|---------|--------------------------------------|----------|
| 830-601 | (Environmental Geology) | 3(3-0-6) |
| 830-602 | (Climate Change and Ecosystem) | 3(3-0-6) |
| 831-811 | (Renewable Energy Science) | 3(3-0-6) |
| 831-812 | (Potential and Conversion of Energy) | 3(3-0-6) |
| 831-813 | (Energy Crop) | 3(3-0-6) |

Elective course Type 2: Management of Technology and Energy Business

| | | |
|---------|---|----------|
| 831-821 | (Technology Management) | 3(3-0-6) |
| 831-822 | (Marketing and Financial Analysis in Energy Business) | 3(3-0-6) |
| 831-823 | (Energy Business and Cost Accounting) | 3(3-0-6) |

| | | |
|---------|--|----------|
| 831-824 | (Energy and Economics Policy) | 3(3-0-6) |
| 835-601 | (Decision Making for Energy Conservation and Management) | 3(3-0-6) |

Elective course Type 3: Physical Chemical and Biological Energy Technology

| | | |
|---------|--|----------|
| 333-651 | (Smart Materials and Applications) | 3(3-0-6) |
| 831-516 | (Biotechnology Innovation) | 3(3-0-6) |
| 831-831 | (Polymer Membrane: Basic and Applications) | 3(3-0-6) |
| 831-832 | (Membrane Technology for Gas Separation) | 3(3-0-6) |
| 835-517 | (Biotechnology for Energy and Environment) | 3(3-0-6) |
| 835-519 | (Bio-fuel Technology) | 3(3-0-6) |

Elective course Type 4: Environment and Energy

| | | |
|---------|---|----------|
| 825-604 | (Law for Environmental Management) | 3(3-0-6) |
| 831-841 | (Design for Energy and Environment) | 3(3-0-6) |
| 831-843 | (Safety and Occupational Health in Energy Activity) | 3(3-0-6) |
| 831-844 | (Environmental Impact Assessment for Power Plant) | 3(3-0-6) |
| 835-515 | (Energy Conservation and Management) | 3(3-0-6) |

Elective course Type 5: Energy and Society

| | | |
|---------|--|----------|
| 831-851 | (Energy in Community) | 3(3-0-6) |
| 831-852 | (Public Participation in Energy Business) | 3(3-0-6) |
| 831-853 | (Awareness in Energy Saving) | 3(3-0-6) |
| 831-854 | (Corporate Social Responsibility from Energy Sector) | 3(3-0-6) |
| 831-855 | (Personnel Management in Energy Business) | 3(3-0-6) |

Specialization Elective course

| | | |
|---------|--|----------|
| 831-890 | (Special Topics in Energy and Environment) | 3(3-0-6) |
|---------|--|----------|

Thesis

| | | |
|---------|----------------------|-------------|
| 831-900 | (Thesis for plan A2) | 18(0-54-0) |
| 831-901 | (Thesis for plan A1) | 36(0-108-0) |

Qualification:

| Applicants' qualification | Master of Science Program in Sustainable Energy Management | |
|--|---|---|
| | Plan A1 | Plan A2 |
| Education level | Bachelor degree in Science, Engineering, Social Sciences, Humanities, or other related fields. | Bachelor degree in Science, Engineering, Social Sciences, Humanities, or other related fields. |
| GPA | 2.75 or above | 2.50 or above |
| Work experience | 2 years or above | 2 years or above (If the GPA is less than 2.50) |
| Environmental research experience | 1 year or above | 1 year or above (If the GPA is less than 2.50) |
| English language proficiency | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% | TOEFL (Paper based)= 450 TOEFL (Institutional testing program)= 450 TOEFL (Computer based)= 133 TOEFL (Internet based)= 45 IELTS = 4.5 PSU-TEP or CU-TEP = 50% |

| | | |
|------------------------------|--|--|
| | Or pass the English Proficiency Test that complies with the PSU Graduate School rule within 1st year of study. | Or pass the English Proficiency Test that complies with the PSU Graduate School rule within 1st year of study. |
| Special qualification | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. | If the qualifications are not strictly met, admission is possible upon the approval by the program committee. |

Document required:

1. Curriculum Vitae (CV)
2. Transcript
3. Research description/plan in English (about 2-4 pages)
4. A copy of an English proficiency certificate/results (If any, special consideration will be given).
5. Previous published research articles (If any).

Contact:

Dr.Khamphe Phoungthong
Program chairperson
Tel: (+66)74-286850
Email: khamphe.p@psu.ac.th

Miss Sasipatch Punsawat
Academic officer
Tel: (+66)74-286806
Email: sasipatch.p@psu.ac.th

Closing date for Nominations: March 31, 2019

Late or incomplete applications/documents will not be considered.



Thailand International Cooperation Agency
Ministry of Foreign Affairs of Thailand

GUIDELINES

for Thailand International Postgraduate Programme (TIPP)

1. Qualifications

1.1 Candidates must be nominated by central government agencies in a country from the TIPP eligible countries/territories list. (See "List of Eligible Countries/Territories")

1.2 Candidates should be an officer or agent (preferably from government agencies) currently working in the area related to the course provided.

1.3 Candidates must have bachelor degree and/or professional experience related field or related to graduate degree.

1.4 Candidates must have a good command of English.

1.5 Candidates whose English is not the first language/Bachelor's degree was not taught in English/ who is from a country other than New Zealand, USA, the United kingdom, Australia, Canada has to pass and English Language proficiency test according to criteria announced by University regulations.

1.6 It is recommended that candidates be less than 50 years of age.

1.7 Candidates must have good physical and mental condition.

1.8 TICA reserves the rights to revoke scholarship offered to participants who are pregnant during the period of study or violate rules and regulations.

1.9 Other requirement apart from these will be under consideration by the University regulations.

2. Procedures for submission of nominations

2.1 Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work. Nomination must be in line with relevant rules and regulations of the nominating countries/territories.

Each eligible countries/territory can nominate up to five (5) candidates per academic program.

2.2 The nomination must be supported by the following four documents;

- Application form
- Medical Report
- Transcript
- Recommendation letters
- English score (e.g. TOEFL/IELTS)

One original with two (2) copies of all forms duly filled out, counter-signed and stamped by the authorized person must be submitted.

2.3 The nomination must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. (See "List of Eligible Countries/Territories")

2.4 Originals of nomination documents, duly filled out, must be received no later than a specified deadline of each academic program.

2.5 Application form must be filled in typed-block letter. Soft file of the Application Form and Medical Report Form can be found at

<http://www.tica.thaigov.net/main/contents/files/information-20161217-152430-795372.pdf>

3. Selection of candidates

3.1 In considering applications, particular attention shall be paid to the candidates' background, their current position in the service of their Government, and practical use they expect to make of the knowledge and experience gained from studying on the return to their Government positions.

3.2 Selection of participants is also based on geographical distribution and gender balance, unless priority is set for particular country/ group of countries.

4. Condition for Attendance

4.1 Awardees are required to study full time and not to change the program topic/study plan.

4.2 Any part time employment is not allowed.

4.3 Awardees are not allowed to bring any family members to stay with them during study.

5. Travel and financial arrangements

5.1 Successful candidates will be offered an award which covers:

- Return economy class airfare
- Accommodation allowance
- Living allowance
- Book allowance
- Thesis allowance
- Settlement allowance
- Insurance
- Airport meeting service

5.2 Regulations on travel

- Return economy class airfare

- International travel - Return economy class air ticket will be provided via the most direct and most economical route from the international airport at participant's respective country/territory to the Suvarnabhumi International Airport, Bangkok –Thailand. The award does not cover domestic travel cost in awardee's respective country.

Transit destination will be arranged according to a need for visa application to Thailand must be the most direct and the most economical route basis.

All booking and change to the booking, including a setting of date of arrival and departure, must be done by TICA only. Ticket will be issued in electronic form (e-ticket) only.

Baggage allowance quota is in line with the airlines' policy. Any purchase for extra baggage allowance is not covered by the award.

- Domestic travel – will be provided via the most economical route from the Suvarnabhumi International Airport, Thailand to the airport where the university located.

- Insurance – Group Accident and Hospitalization Insurance during the period of study in Thailand will be provided. Cost of pre-existing illnesses, dental treatment, brain disease, mental illness, pregnancy and glasses are NOT covered. Awardees are advised to obtain their own travel insurance which is fully covered for any costs arising from loss or theft of personal belongings.

- Airport meeting service – Transfer to and from airport will be provided to awardees. TICA will coordinate directly with the limousine service, upon arrival at the Suvarnabhumi International Airport please proceed to the AOT Limousine Customer Relations counter and hand the instruction of scholarship award to prepare for the airport transfer. A taxi fare paid by awardees cannot be reimbursed.

- Visa arrangement – Awardees will be responsible for obtaining “Non –F” visa prior to their travel to Thailand. TICA will provide facilitation to participants who require visa application i.e. liaising the liaising with the Royal Thai Embassy/ Consulate and advising on appropriate procedure and necessary documents for visa application.

Awardees must cover all costs arising from visa application i.e. visa fee, travel cost to the Royal Thai Embassy/ Consulate, postal fee (in case visa application is made by post,) transit visa fee (in case awardees needs to apply for visa to Thailand at a transit country). The visa fee can be reimbursed upon presenting an original receipt of the fee.

Awardees must not bring their family members with them during their scholarship program. Awardees in the scholarship program cannot be used as reference for visa application to Thailand of his/her family member.

6. Contact

For more information, please contact;

Bureau of International Cooperation on Human Resource Development

Thailand International Cooperation Agency (TICA)

Government Complex, Building B (South Zone), 8th Floor,

Chaengwattana Rd. Laksi District,

Bangkok 10210

THAILAND

Website: www.tica.thaigov.net

Email: tipp@mfa.go.th



Thailand International Cooperation Agency (TICA)
Ministry of Foreign Affairs
APPLICATION FORM
for Thailand International Postgraduate Programme: TIPP

| |
|---|
| FOR OFFICIAL USE ONLY Reference No..... Received: Checked: |
|---|

| | |
|--|---------------------------------|
| <p>INSTRUCTIONS</p> <p>This application form is composed of five parts. Part A to part E should be completed <u>in triplicate</u>, part A to part D should be completed by the candidate and part E by the government authority. All application form must be filled in typewritten form. Each question must be answered clearly and completely. Detailed answers are required in order to make the most appropriate arrangements. Official authority of the nominating Government will then forward three copies of original of all certified application forms to the Thailand International Cooperation Agency (TICA), the Government Complex, Building B (South Zone), 8th Floor, Chaengwatta Road, Laksi District, Bangkok 10210, THAILAND, through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate – General accredited to eligible/territories. The nominee is required to attach medical report or health status certification. No consideration will be given to the late submissions or incomplete applications/documents.</p> | (Please attach photograph here) |
| Course Name: | |
| Institute: | |

A. PERSONAL HISTORY

| Title | Family name (as shown in passport and kindly attach the copy of your passport, information will be used for travel arrangement) | Middle name | Given name | Gender | |
|---|--|-----------------------------|---|--|----------|
| <input type="radio"/> Mr. <input type="radio"/> Mrs. <input type="radio"/> Ms. <input type="radio"/> | | | | <input type="radio"/> Male <input type="radio"/> Female | |
| City and country of birth | Nationality | Date of birth (DD/MM/YY) | Age | Marital Status | Religion |
| | | | | | |
| Work address (Please complete this section as clear as possible, information will be used for travel arrangements.) | | | Home address (Please complete this section as clear as possible, information will be used for travel arrangements.) | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Fax No: (Country Code / Area Code/ Number) | | Telephone No : | Telephone No : | | |
| | | | E-mail : | | |
| | | | Fax No : | | |
| | | | International Airport/City for departure : | | |
| Update email address: Name and address of person to be notified in case of emergency : | | | | | |
| | | | | | |
| | | | | | |
| Telephone No : Relationship of this person to you : | | | | | |

| Languages: | READ | | | WRITE | | | SPEAK | | | |
|--|-----------|--|------|-----------|--|------|-----------|--|------|--|
| | Excellent | Good | Fair | Excellent | Good | Fair | Excellent | Good | Fair | |
| Mother tongue: | | | | | | | | | | |
| English | | | | | | | | | | |
| Others:0..... | | | | | | | | | | |
| English Proficiency Test (please attach) (only a candidate for a degree course) | | <input type="checkbox"/> TOEFL Score | | | <input type="checkbox"/> IELTS Score | | | <input type="checkbox"/> Other (specify) | | |

| EDUCATION RECORD | | | | | |
|-----------------------|----------------|----------------|----|------------------------------------|-------------------------|
| Education Institution | City / Country | Years Attended | | Degrees, Diplomas and Certificates | Special fields of study |
| | | From | To | | |
| | | | | | |

Have you ever been trained/studied in Thailand? If yes, what course, where and for how long?
 ... No
 ... Yes, please specify.....

Please give a list of relevant publications/researches (do not attach details)

B. EMPLOYMENT RECORD: It is important to give complete information. For each post you have occupied, give details of your duties and responsibilities.

| | |
|--|--|
| Present or most recent post : Dates from _____ to _____ | Description of your work, including your personal responsibilities |
| Title of your post: | |
| Name of organisation: | |
| Type of organisation: | |
| Official address: | |
| Previous post : Dates from _____ to _____ | Description of your work, including your personal responsibilities |
| Title of your post: | |
| Name of organisation: | |
| Type of organisation: | |
| Official address: | |

C. REFERENCES: Please attach the recommendation letters from three (3) persons acquainted with your academic and professional experiences.

D. EXPECTATIONS

Please describe the practical use you will make of this training/study on your return home in relation to the responsibilities you expect to assume and the conditions existing in your country in the field of your training.
(Give the attached paper, if necessary)

.....
.....
.....
.....
.....
.....
.....
.....

I certify that my statements in answer to the foregoing questions are true, complete and correct.

If accepted for a scholarship award, I undertake to :-

- a) carry out such instructions and abide by such conditions as stipulated by both the nominating government and the host government in respect of this program of scholarship;
- b) follow the program of scholarship, and abide by the rules of the University and Thailand International Cooperation Agency in which I undertake the scholarship;
- c) refrain from engaging in political activities, or any form of employment for profit or gain;
- d) study full time, make academic progress and submit progress reports to Thailand International Cooperation Agency;
- e) not bring any member of my family to stay with me during the course;
- f) return to my home country promptly upon the completion of my program of scholarship.

I also fully understand that if I am granted a scholarship award and violate Thailand International Cooperation Agency's rules and regulations, I may be required to return part or all of the scholarship paid, depending on the severity of the violation, without any appeal.

Signature of applicant:

Printed name:

Date:

E. GOVERNMENT AUTHORISATION: To be completed by the central government agencies in charge of nomination of the candidates (see guideline for TIPP for detailed information on nomination.)

I certify that, to the best of my knowledge,

- (a) all information supplied by the nominee is complete and correct;
- (b) the nominee has adequate knowledge and experience in related fields and has adequate English proficiency for the purpose of the scholarship in Thailand.

On return from the scholarship, the nominee will be employed in the following position:

Title of post

Duties and responsibilities.....
.....

.....
Signature of responsible Government official

(Official stamp)

Title:

Organisation:

Official address:
.....
.....

Date:

MEDICAL REPORT

| | | |
|-----------------------|------------|---------------|
| Name of Nominee | Age: | Gender: |
| Country..... | | |

Physical Examination (To be filled in by physician)

Height Cms. Weightkgs. Blood Pressure mm.Hg. Pulse/min.

Vision Right Left Eyes With glasses / Without glasses

Check each item in appropriate column

| Items | Normal | Abnormal | Additional Comments |
|-------------------------|-----------------------|-----------------------|---------------------|
| General | <input type="radio"/> | <input type="radio"/> | |
| Skin, Scalp | <input type="radio"/> | <input type="radio"/> | |
| Lymph nodes | <input type="radio"/> | <input type="radio"/> | |
| Eyes | <input type="radio"/> | <input type="radio"/> | |
| Ears | <input type="radio"/> | <input type="radio"/> | |
| Orthoscopic Exam | | | |
| Nose | <input type="radio"/> | <input type="radio"/> | |
| Pharynx & tonsils | <input type="radio"/> | <input type="radio"/> | |
| Teeth | <input type="radio"/> | <input type="radio"/> | |
| Thyroid gland | <input type="radio"/> | <input type="radio"/> | |
| Lungs | <input type="radio"/> | <input type="radio"/> | |
| Heart | <input type="radio"/> | <input type="radio"/> | |
| Abdomen | <input type="radio"/> | <input type="radio"/> | |
| Liver | <input type="radio"/> | <input type="radio"/> | |
| Spleen | <input type="radio"/> | <input type="radio"/> | |
| Hernia | <input type="radio"/> | <input type="radio"/> | |
| External genitalia | <input type="radio"/> | <input type="radio"/> | |
| Rectal exam | <input type="radio"/> | <input type="radio"/> | |
| Vertebrae | <input type="radio"/> | <input type="radio"/> | |
| Locomotor | <input type="radio"/> | <input type="radio"/> | |
| Reflejes | <input type="radio"/> | <input type="radio"/> | |
| Mental Health status | <input type="radio"/> | <input type="radio"/> | |

LABORATORY EXAMINATIONS

Blood group Blood film for malaria Hb gm%

WBC Cells/cu.mm.

Differential PMN % Lymp % Mono % Eos %

Baso % Band % Blast %

: Colour Sp. Gr pH

Sugar

Alb Blood Ketones Blie.....

Micro : WBC/HPF., RBC/HPF., Epethelial..... /HPF.

Casts/HPD., Others

Stool examination for parasite & Ova

Chest X – Ray report

Urine pregnancy test

Is the person examined at present in good health and able to work full time?
.....

Is the nominee able physically and mentally to carry on intensive study away from home?
.....

Is the nominee free from infectious diseases (such as tuberculosis, leprosy, syphilis and filariasis) and other conditions (such as psychosis and drug addiction) which could present risks for anyone during the scholarship period?
.....

(For female nominee) Is the person examined pregnant?
.....

Does the nominee have any condition or defect which might require treatment during the scholarship period?
.....

I certify that the applicant is medically fit to undertake the scholarship in Thailand.

Physician signature (with stamp)M.D.
(.....)
Full name and address of Examining physician (printed)

Place and Date.....

Telephone:

(printed)

e-mail: