Admission Number | 2 | 4 | 0 | 8 | M | G | 0 | 0

Master of Science Programme in Environmental Management and Technology

(International Programme)

หลักสูตร วิทยาศาสตรมหาบัณฑิต   สาขาวิชา การจัดการสิ่งแวดล้อมและเทคโนโลยีสิ่งแวดล้อม

(หลักสูตรนานาชาติ)(ภาคปกติ)

Faculty of Environment and Resource Studies

คณะสิ่งแวดล้อมและทรัพยากรศาสตร์

Expected number of students to be accepted all year round : 15 Students

Admission Requirements

A candidate must:

Plan A(2)

1. hold a Bachelor's degree in any field of study
2. have a grade point average of at least 2.50
3. Submit a certificate of English proficiency with minimum admission score:
   - IELTS - at least 3 or
   - TOEFL INTERNET BASED - at least 32 or
   - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 400 or
   - MU GRAD TEST(COMPUTER BASED) - at least 36

   Important Notes:
   - English proficiency score must be taken within 2 years up to the admission date.
   - Application without submitting a valid English certificate will NOT be considered.
   - MU English Competence Standards: www.grad.mahidol.ac.th
   - MU English proficiency tests, please contact the Language Center, Faculty of Graduate Studies. Tel. 0-2441-4125 ext. 221-222

4. Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

Plan B

1. hold a Bachelor's degree in any field of study
2. have a grade point average of at least 2.50
3. have at least 3 years environmental experienced related
4. Submit a certificate of English proficiency with minimum admission score:
   - IELTS - at least 3   or
   - TOEFL INTERNET BASED - at least 32   or
   - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 400 or
   - MU GRAD TEST(COMPUTER BASED) - at least 36

   <u>Important Notes</u>:
   - English proficiency score must be taken <u>within 2 years</u> up to the admission date.
   - Application without submitting a valid English certificate will NOT be considered.
   - MU English Competence Standards: www.grad.mahidol.ac.th
   - MU English proficiency tests, please contact the Language Center, Faculty of Graduate Studies. Tel. 0-2441-4125 ext. 221-222
5. Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

<u>Written Examination</u>

There is NO written examination for this program. Applicants must check their eligibility for interview upon the announcing date of the interview list which is scheduled for each admission round.

Curriculum Structure

	Credit
Plan A (2)	
Required Courses	18
Elective Courses	6
Thesis	12
Plan B	
Required Courses	18
Elective Courses	12
Thematic Paper	6

	Credit
Required Courses	
ENMT 601 Industrial Ecology and Environment	3(3-0-6)
ENMT 602 System Approach and Cybernetics	3(3-0-6)
ENMT 603 Humankind and Global Environment	3(3-0-6)
ENMT 604 Techniques and Tools in Environmental Management and Technology	3(3-0-6)
ENMT 605 Research Methodology and Advanced Statistics	3(3-0-6)
ENMT 606 Practices of Environmental Management and Technology	3(0-6-3)
Elective Courses	
ENMT 610 Biodiversity Management	3(3-0-6)
ENMT 611 Integrated Coastal Management	3(3-0-6)
ENMT 612 Conservation Biology Management	3(3-0-6)
ENMT 613 Ecosystem Restoration	3(3-0-6)
ENMT 614 Climate Change and its Impact	3(3-0-6)
ENMT 615 Natural Disaster Management	3(3-0-6)
ENMT 616 Solid and Hazardous Waste Management	3(3-0-6)
ENMT 617 Sustainable Industrial Landuse	3(3-0-6)
ENMT 618 Networking and Communication for Environmental Changes	3(3-0-6)
ENMT 619 Technology for Water Quality Management	3(3-0-6)
ENMT 620 Space Technologies and Applied Geo-Informatics in Resource and Environment	3(3-0-6)
ENMT 621 Wetlands Management Technology	3(3-0-6)
ENMT 622 Statistics for Environmental Pollution Monitoring	3(3-0-6)
ENMT 623 International Rivers in Mainland Southeast ASIA : Mekong and Salween	3(3-0-6)
ENMT 624 Problem Soils and Management	3(3-0-6)
ENMT 625 Environmental Management Systems	3(3-0-6)
ENMT 626 Environmental and Resource Economics	3(3-0-6)
ENMT 627 Industrial Hygiene and Safety	3(3-0-6)
ENMT 628 Environmental Education and Education for Sustainable Development	3(3-0-6)
ENMT 629 Quantitative Analysis for Environmental Management	3(3-0-6)
Thesis	
ENMT 698 Thesis	12(0-48-0)

Thesis

ENMT 697 Thematic Paper   6(0-24-0)

* These may change in cases where there are suggestions for the improvened of the curriculum

Details of Scholarships

1. Partial scholarship for graduate tuition fee, Partial scholarship for research supplies fee, Partial scholarship for thesis
2. Partial scholarship for conference/publication

Proposal / Concept Paper

      A 500 word concept paper in an area of interest or chosen topic in Environmental Management and Technology

Job option after graduation

1. Academician in Environmental Management and Technology
2. Scientist in Environmental Management and Technology
3. Expert in Environmental Management and Technology
4. Entrepreneur in Environmental Management and Technology

Application Process

Application is only available via online application at www.grad.mahidol.ac.th

Required Documents

      Applicants must upload all documents via online admission system. All documents must be in PDF format (maximum size 2 MB). Photograph must be in JPEG format.

- Recent photographs (1x1 inch in size)

- A copy of an applicant's degree certificate or a letter of graduation certification
  (for an applicant with a degree completion)

- A letter certifying that an applicant is currently in the last semester prior to graduation
  (for an applicant seeking for a degree)

- A detailed transcript of a degree (for an applicant with a degree completion)

- A grade report with course names and grades received from the first to the current
  semester prior to graduation

- A copy of identification card

- A copy of house registration certification

- A copy of a work experience certifying letter (for plan B)

- A copy of Certificate of English proficiency :
  IELTS / TOEFL INTERNET BASED / TOEFL ITP / MU GRAD TEST(COMPUTER BASED)

- A copy of proof of payment.

Further information may be obtained from the Director of Graduate Studies,
Environmental Management and Technology :

1. Asst. Prof. Dr. Piyakarn Teartisup   (E-mail : piyakarn.tea@mahidol.ac.th; tpiyakarn@gmail.com)
   Building 1, Floor 2, Faculty of Environment and Resource Studies, Mahidol University, Salaya,
   Tel: 0 2441 5000 Ext. 1321 , 1322   Fax: 0 2441 9507

Program Coordinator

Miss Salisa Yinsri   (E-mail : salisa.yim@mahidol.ac.th)
International Programmes Officer , Building 1, Floor 1,
Faculty of Environment and Resource Studies, Mahidol University, Salaya,
Tel: 0 2441 5000 Ext. 1113   Fax: 0 2441 9507

<u>Note</u>   1. For more education information :   www.grad.mahidol.ac.th

For more information please contact The Student Admission Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129, E-mail : gradthai@mahidol.ac.th