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Master of Science Programme in Forensic Science (International Programme)

หลักสูตร วิทยาศาสตร์มหาบัณฑิต

สาขาวิชา นิติวิทยาศาสตร์ (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Science

คณะวิทยาศาสตร์

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

Admission Requirements

A candidate must:

1. hold a Bachelor of Science degree in Chemistry or Biology or other related fields, or a qualification deemed by the Programme Committee to be equivalent;
2. have a grade point average of at least 2.50 or have professional experience in forensic science;
3. have a TOEFL score of at least 480, TOEFL computer-based score of 157, TOEFL Internet-based score of 54, or IELTS score of 4.5 or pass the English Proficiency Examination arranged by the Faculty of Graduate Studies.

Those who do not have any of the test scores specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.

4. not have a criminal record. (If convicted of a crime during the time of study, the candidate will be expelled.)
5. In case your qualification does not match to the admission criteria, candidates must prior attach A "Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:

http://www.grad.mahidol.ac.th/grad/admission/form_th.php

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

Written Examination (Applicants must attend the examination date accurately to your admission round.)

First Round January 17, 2015	
Subjects for examination	Time
1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.
3. Basic Knowledge for Forensic Science	1.30 - 4.30 p.m.
Examination Place Mahidol University , Salaya , Nakhonpathom more details : www.grad.mahidol.ac.th or Announcement at Faculty of Graduate Studies branches.	

Curriculum Structure

	Credit
Plan A, Type A(2)	
Required courses	22
Elective courses not less than	6
Thesis	12

	Credit
Required courses	
SCFS 501 Crime Scene and Search	4(2-4-6)
SCFS 527 Bloodstain Pattern Analysis	2(1-2-3)
SCFS 503 Professional Aspects of Forensic Science	2(1-2-3)
SCFS 505 DNA Technology in Forensic Science I	4(2-4-6)
SCFS 507 Detection and Analysis of Drugs Abuse I	4(2-4-6)
SCFS 518 Criminalistics	3(2-2-5)
SCFS 521 Seminar in Forensic Science	1(1-0-2)
SCFS 526 Evidence-based Evaluation	1(1-0-2)
SCID 518 Generic Skills in Science Research	1(1-0-2)
Elective courses	
SCFS 504 Statistic for Forensic Science	2(1-2-3)
SCFS 506 DNA Technology in Forensic Science II	4(2-4-6)
SCFS 508 Detection and Analysis of Drugs Abuse II	2(1-2-3)
SCFS 509 Detection of Arson Accelerants	2(1-2-3)
SCFS 510 Detection and Analysis of Explosive Materials	2(1-2-3)
SCFS 511 Hair and Fibers Analysis	4(2-4-6)
SCFS 528 Detection of Questioned Documents	2(1-2-3)
SCFS 529 Forensic Analysis of Handwriting	2(1-2-3)
SCFS 530 Detection of Footwear Marks	2(1-2-3)
SCFS 531 Detection of Tool Marks	2(1-2-3)
SCFS 516 Toxicology	2(1-2-3)
SCFS 517 Alcohol	2(1-2-3)
SCFS 519 Selected Topics in Forensic Science	2(1-2-3)
SCFS 520 Current Topics in Forensic Science	2(2-0-4)
SCFS 522 Selected Topics in Forensic Medicine	2(1-2-3)
SCFS 523 Principles of Explosive and Fire Scene Investigation	1(1-0-2)
SCFS 524 Fingerprints	1(1-0-2)
SCFS 532 Detection of Impressions and Tool Marks	1(1-0-2)
Thesis	
SCFS 698 Thesis	12(0-36-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional advantages of the programme

1. Courses are designed so that students can graduate in one year.
2. Students can choose to undertake research in well known forensic science laboratories overseas.

Details of Scholarships

1. Faculty of Science Teaching Assistantships.
2. Postgraduate scholarships from the Faculty of Graduate Studies.
3. Scholarship of the 60th Year Supreme Reign of His Majesty King Bhumibol Adulyadej.
4. Australian Federal Police (AFP) Scholarship for Officers from the Royal Thai Police Office of Forensic Science (RTPOFS), Royal Thai Police, and Central Institute of Forensic Science (CIFS), Ministry of Justice.
5. Institutional Strengthening Program from Faculty of Science (partial Support)

Application Process

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

Required Documents

Prepare the following required documents to submit via online admission system or post :

- Letters of recommendation from 2 referees (academic staff or current employers) with the application. The letters should state the referee's opinion concerning the principle qualities, weakness and suitability of the applicant for post-graduate study in Forensic Science.
 - Scope of Research Area of Interest or Proposal or concept paper.
 - Two (2) 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) 2 copies
 - A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree) 2 copies
 - A detailed transcript of a degree (for an applicant with a degree completion) 2 copies
 - A grade report with course names and grades received from the first to the current semester prior to graduation 2 copies
 - A copy of identification card 2 copies
 - A copy of house registration certification 2 copies
 - A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php 2 copies
- Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.
- A copy of proof of payment.

Submitting documents via online admission system.

- All documents must be in pdf format (maximum size 2 MB)
- Recent photograph must be in jpeg format only (maximum size 2 MB)

Proposal / Concept Paper

Submit a short research interest in English 1 page (A 4 paper).

Job option after graduation

1. Forensic scientist Central Institute of Forensic Science Thailand, Ministry of Justice
2. Scientist Office of Forensic Science, Royal Thai Police
3. Analyst ,Researcher working for Governmental Agencies and Private Sectors.

Further information may be obtained from the Director of Graduate Studies, Forensic Science :

1. **Assoc.Prof.Dr. Suda Riengrojpitak** (E-mail : suda.rie@mahidol.ac.th)

Room N200, N Building, Floor 2, Faculty of Science.

Tel. : 0 2201 5212 Fax. : 0 2354 7096

2. **Asst.Prof.Dr. Nathinee Panvisavas** (E-mail : nathinee.pan@mahidol.ac.th)

Room N200, N Building, Floor 2, Faculty of Science.

Tel. : 0 2201 5212 Fax. : 0 2354 7096

Program Coordinator

Miss Prowrawee Saengphithak (E-mail : prowrawee.sae@mahidol.ac.th)

Room N200, N Building, Floor 2, Faculty of Science.

Tel. : 0 2201 5212 Fax. : 0 2354 7096

Note 1. For Further information please visit www.forensic.sc.mahidol.ac.th or 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