

Admission Number

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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, 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. Submit a certificate of English proficiency with the following minimum admission score:
  - IELTS - at least 5 or
  - TOEFL INTERNET BASED - at least 54 or
  - TOEFL ITP (test arranged by Faculty of Graduate Studies, Mahidol University) - at least 480 or
  - MU GRAD TEST (Computer based) - at least 60

**Important Notes:**

- English proficiency score must be taken within 2 years prior to the admission date.
  - Application without a valid English certificate will NOT be considered.
  - For MU English Competence Standards, please visit: [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)
  - For 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.

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

Subjects for examination	Time (Morning session)
1. Basic Knowledge for Forensic Science	9.00 - 12.00 a.m.
<b>Examination Place</b> Mahidol University, Salaya, Nakhonpathom more details : <a href="http://www.grad.mahidol.ac.th">www.grad.mahidol.ac.th</a>	

## Curriculum Structure

			Credit
<b>Plan A, Type A(2)</b>			
Required courses			22
Elective courses no less than			6
Thesis			12
			Credit
<b>Required courses</b>			
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 of 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)
<b>Elective courses</b>			
SCFS	504	Statistics 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 of Abuse II	2(1-2-3)
SCFS	510	Detection and Analysis of Explosive Materials	2(1-2-3)
SCFS	511	Hair and Fiber Analysis	4(2-4-6)
SCFS	528	Analysis of Questioned Documents	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	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 Explosives 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)
<b>Thesis</b>			
SCFS	698	Thesis	12(0-36-0)

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

### **Additional advantages of the programme**

1. Courses are designed so that students can graduate within 1.5 years.
2. Student can choose to undertake research in a forensic science laboratory overseas.

### **Details of Scholarships**

1. Faculty of Science Teaching Assistantships.
2. Postgraduate scholarships from the Faculty of Graduate Studies.
3. Scholarship of the 60<sup>th</sup> Year Supreme Reign of His Majesty King Bhumibol Adulyadej.
4. Institutional Strengthening Program from Faculty of Science (partial support)

### **Application Process**

Application is only available via online application at [www.grad.mahidol.ac.th](http://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). The photograph must be in JPEG format.

1. Letter of recommendation from 2 referees (academic staff or current employer). 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.

2. A certified copy of degree certificate or a letter of graduation certification (for applicant who has completed their degree) OR a letter certifying that the applicant is currently in the final year of their Bachelor's course

3. A certified copy of detailed transcript of the degree (for applicant who has completed their degree) OR a grade report with course names and grades received from the first to the current semester prior to graduation (for applicant in final year of their Bachelor's course)

4. An A4 page describing the scope of research area of interest (concept paper)

5. A copy of identification card

6. A copy of house registration certification

7. A copy of Certificate of English proficiency:

IELTS / TOEFL INTERNET BASED / TOEFL ITP / MU GRAD TEST ( Computer based)

8. A copy of proof of payment

### **Job options 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 and researcher working for government agencies and private companies

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

1. **Lect. Dr. Achirapa Bandhaya (E-mail: [achirapa.ban@mahidol.ac.th](mailto:achirapa.ban@mahidol.ac.th))**

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

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

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**Note** 1. For further information, please visit [www.forensic.sc.mahidol.ac.th](http://www.forensic.sc.mahidol.ac.th) or [www.grad.mahidol.ac.th](http://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](mailto:gradthai@mahidol.ac.th)**