



# International B.Sc. Program (Double Degree) in Industrial Mathematics and Data Science

## Industrial Mathematics



Optimization



Planning



Logistics

You will acquire the skills needed for a career in the higher-value-added industrial and service sectors. With the increasing complexity and sophistication of modern industry, the program prepares you to be able to understand technical issues and problems which come from industry, so that you are able to formulate precise and accurate mathematical models, and implement solutions which are relevant to industry, using the latest computer techniques.

## Data Science



Data analyst



Machine Learning  
Scientist



Data Architect

Students will be acquainted with multidisciplinary approach to extract actionable insights from the large and ever-increasing volumes of data collected and created by today's organizations. The program covers data preparation for analysis and processing, advanced data analysis, and presentation of the results to reveal patterns and enable stakeholders to draw informed conclusions, needing development and use of algorithms, analytics and AI models, driven by software to find patterns within and transform them into predictions that support business decision-making.

## STUDY PLAN

Duration: 3.5-4 years B.Sc. Program (International)

Venue:

- Faculty of Science, Phayathai campus, close to the Victory Monument
- Mahidol University (Thailand) + Curtin University (Australia) for double degree option

## Contact Details

Website

[www.mathematics.sc.mahidol.ac.th](http://www.mathematics.sc.mahidol.ac.th)

Program Co-Ordinator

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## Schedule (Direct Round)

- |   |                       |
|---|-----------------------|
| 1. Application period                       | Nov 19 - Dec 31, 2021 |
| 2. Announcement of eligible applicants      | Jan 10, 2022          |
| 3. Interview (in English)                   | Jan 16, 2022          |
| 4. Announcement of accepted applicants      | Jan 21, 2022          |
| 5. Enrolment confirmation at the department | Jan 24 - 26, 2022     |
| 6. Enrollment confirmation in TCAS System   | Feb 7 - 8, 2022       |
- at <https://www.mytcas.com/> (Thai Nationality Only)

## Admission Portal



<https://bit.ly/imds-ad2022>

