

REGISTRATION FEE FOR 2024

Participant	Fee
Local Participant	RM 40,000
Foreign Participant	USD 20,000

**Excluding accommodation, living expenses and VISA application (for foreign candidates)*

Programme Capacity

The number of participants is limited to 12 candidates only.

**If the number of participant is not met, the programme may have to be postponed to a later date.*

Programme Date

The programme is scheduled to commence from 5 January 2026 until 27 November 2026..

Expression of Interest

Please fill out and submit the Google form below:



<https://forms.gle/5mgurJ7gLzTy1Jww5>

Programme Calendar

INTAKE	DATE
2026	5 January 2026 - 27 November 2026

UTM HYDRO II

Accommodations

In-House

Scholar's Inn, Universiti Teknologi Malaysia

Tel : +607 - 553 5197

Fax : +607 - 553 6619

Website : www.utm.my/scholars-inn



Accommodation & Residential College Unit

Tel : +607 - 553 2549

Email : asrama@utm.my

Nearby

Pulai Spring Resort, Skudai, Johor

Tel : +607 - 521 2121

Fax : +607 - 521 1818

Website : www.pulaisprings.com



Goodhope Hotel, Skudai, Johor

Tel : +607 - 557 2828

Fax : +607 - 556 3888

Website : goodhopegroup.com.my



Contact Details

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Faculty of Built Environment and Surveying

Universiti Teknologi Malaysia

81310 Johor Bahru, Johor, Malaysia

Tel : +607 - 556 6163

Website : builtsurvey.utm.my



HYDROGRAPHIC SURVEYING II PROGRAMME (UTM HYDRO II)

FIG/IHO/ICA CATEGORY A

ORGANISED BY:

Photo Laser Grammetry Sdn. Bhd.
Faculty of Built Environment and Surveying
Universiti Teknologi Malaysia (UTM)

IN COLLABORATION WITH:



RECOGNISED BY:



OVERVIEW

In 1998, UTM was granted recognition to conduct the UTM HYDRO II Programme (Category A) by the International Federation of Surveyors (FIG), International Hydrographic Organisation (IHO) and International Cartographic Association (ICA). In 2021, UTM has been granted re-recognition to continue conducting the UTM HYDRO II Programme.

AIM OF THE PROGRAMME

This programme aims to produce hydrographic surveyors that fulfill the Standards of Competence for Hydrographic Surveyors according to the S-5A Standards of the International Hydrographic Organisation (IHO).

In order to achieve the standard, this programme will provide the students with knowledge, understanding, and experiences in performing real hydrographic survey works.

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IMPLEMENTATION

This full-time programme includes 1,260 credit hours, and it is approximately 40 weeks long. The 34 weeks of lectures, tutorials, assignments, in-campus field practicals, labwork, and examinations are equivalent to 1020 credit hours and 6 weeks of a hydrographic field survey project is equivalent to 240 credit hours.

LIST OF SUBJECT

- MA2 - Mathematics and Statistics
- CP2 - Computer Programming
- PY2 - Physics
- GE2 - Geodesy
- TI2 - Tides: Theory and Practice
- HP2 - Hydrographic Positioning
- HS2 - Hydrographic Surveys
- HI2 - Hydrographic Information
- LS2 - Law of the Sea
- SN2 - Seamanship and Navigation
- MM2 - Marine Meteorology
- OS2 - Dynamic Oceanography and Sedimentology
- RS2 - Remote Sensing
- HF2 - Hydrographic Field Survey Project (CMFP)

ENTRY REQUIREMENT

The candidates of this programme will consist of members from various government agencies, including international and local companies. The entry requirements are as follows:

- Degree in Land Surveying, Geomatics Engineering, Civil Engineering, Computer Science, Naval Science or other marine and engineering-related fields, **OR**
- Fully accredited Category B (FIG/IHO/ICA) certificate.

MODULES

Seven (7) modules are compulsory to be completed by students in order to qualify them to pass this programme as follows:

1. Module 1: Foundation of Hydrography and Marine Technology (200 hours)
2. Module 2: Marine Data Acquisition I (190 hours)
3. Module 3: Marine Data Acquisition II (270 hours)
4. Module 4: Geospatial Data Management and Legal Aspect (140 hours)
5. Module 5: Industrial Technology for Hydrographic Development I (90 hours)
6. Module 6: Industrial Technology for Hydrographic Development II (130 hours)
7. Module 7: Hydrographic Field Survey Project (240 hours)

