

## Review of 1<sup>st</sup> Innovative Course Program

Oct 14, 2018- Oct 25, 2018, 1<sup>st</sup> Innovative Course Program for International Students

### Opening Ceremony



### Innovative Course



### Visits to Maritime Institutes



### Closing Ceremony



### Cultural Visit



天津大学海洋科学与技术学院  
SCHOOL OF MARINE SCIENCE AND TECHNOLOGY, TIANJIN UNIVERSITY



## The 2<sup>nd</sup> International Student Smart Ocean Innovation Course Program

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Organizer: School of Marine Science and Technology of Tianjin University

# Tianjin University

Tianjin University (TJU), established in 1895 as Peiyang University, is the first modern university of China. With the mission of national revitalization and the motto of "Seeking Truth from Facts", TJU exercises rigorous academic scholarship with a strong sense of commitment. The people of TJU carries with them the legacy of Peiyang and strive to better both the institution and the nation. As the birth of TJU marked the beginning of great change to China's higher education, TJU's progress towards a world-class university will also embody China's revival and the national efforts for achieving greatness.

Education is the cornerstone of TJU. At its inception, TJU defined higher education with the goal of training talents for the pivotal roles in the nation's strengthening. For the past 122 years, TJU has cultivated more than 200,000 high-caliber talents with strong academic background and practical capabilities.

Over a hundred years, TJU has witnessed and participated in the establishment of China's modern industries. China's first aircraft engine, color film, mobile news broadcasting station, cyclotron, cross-sea bridge and so on are the perfect examples of the wisdom and the dedications of TJU students and faculty. Today, TJU researchers are pushing the frontiers in science and technology by continuous innovation, in-line with the new global paradigm. TJU takes great pride in the new technologies it has enabled for areas such as oceanic explorations, medical instrumentation, environmental engineering, life science breakthroughs and so on. The students and faculty at TJU not only inherit the institution's legacy for revitalizing the nation, but will also evolve it to greater heights in this new era.

The university attaches importance to international exchanges and cooperation. It now has 3,046 international students from 140 countries and regions, and has signed agreements with 210 universities, research institutes and companies in 42 countries and regions around the world.

## School of Marine Science and Technology



Founded in April 2014, the **School of Marine Science and Technology** of Tianjin University takes the marine technology (especially the marine observation technology) as its foundation and driving force, adheres to the principles of "prioritizing science and pursuing unique developments", and vigorously develops the marine science. The School manages the Department of Marine Technology, the Department of Marine Science and the Marine Strategy Research Institute, and focuses on researches in areas of polar oceanography, practical oceanography, underwater hybrid acousto-optic technology, marine microwave detection technology, E-Navigation technology, and intelligent observation platform technology.



Apart from establishing the **China-ASEAN Smart Ocean Center** in 2017, and then the **China-Indonesia Smart Ocean Center** in 2018, the School set up the China-ASEAN Smart Ocean Education Center upon approval. The Education Center, by focusing on the marine informatization reform, has conducted exchanges with ASEAN countries in areas of marine education, science and technology and culture, aiming to build a multi-level mechanism and platform for cultural cooperation. The School also established the Hezhongsi Overseas Education Fund, and has signed cooperation agreements with institutions of higher learning of many countries so as to continuously promote its international development.

## Program profile

By relying on ACENT and China-ASEAN Smart Ocean Center of Tianjin University, the School of Marine Science and Technology has developed a curriculum system on the Innovative Course Project on Smart Ocean. The first phase of the training project was successfully carried out in 2018.

The second phase of the Innovative Course Project on Smart Ocean for International Students is planned to be launched from June to September 2019. By providing courses that boost ocean knowledge, theoretical and experimental courses on cutting-edge marine technologies, and practical training courses with maritime institutions, this project aims to create a new cognitive perspective on smart ocean for ASEAN students in a comprehensive manner, enable them to understand China's advanced marine technologies and development direction, inspire them to think about the development of the smart ocean initiative of countries along the One Belt and One Road Initiative, promote exchanges in marine education, science and technology, and culture between China and ASEAN, train talents in the area of smart ocean, and promote win-win cooperation between institutions of higher learning in China and those in ASEAN.

**Training place** School of Marine Science and Technology, Tianjin University

**Language in which the Training is delivered** English

**Training costs** Tianjin University bears the course fee, accommodation and transportation expenses in the city; students bear the visa fees, round-trip air ticket expenses and insurance fees for coming to China; Tianjin University grants scholarships to students based on the training result upon completion.

## Introduction of major courses

### Marine technology related courses

- Marine detection instruments
- Geographic information engineering
- Marine positioning technology
- Coast Topographic Surveys
- Bathymetric surveys, etc.

### Marine Science related courses

- Marine hydrological observation
- Introduction to the marine science, etc.

### Field trip Course

- Visit domestic maritime institutions

### Courses of humanistic education

- Trainings on the Chinese traditional culture, Chinese language and others.
- Field trips and visits within Tianjin

### Academic reports both home and abroad

## Application requirements and notes

### Qualifications of the applicant

- Non-Chinese nationals who are in good health.
- Current undergraduate students who are in the third year or above from the ASEAN countries, or those students who are aged between 18 and 45 with a bachelor degree.

### Application schedule:

Time	Application stages
January 2019 – 20th April, 2019	Online application and preparation of application materials
April 2019	Application materials review and issuance of offers
May 2019	Visa application, etc. for coming to China

### Application method:

Log in to [http://www.tju.edu.cn/sie/en/jxrm/zyjxrm/201901/t20190129\\_311622.html](http://www.tju.edu.cn/sie/en/jxrm/zyjxrm/201901/t20190129_311622.html) to apply for joining the project, and log in to <http://tju.at0086.cn/student> to fill in the application information in accordance with the requirements of the Innovative Course Project for International Students of Tianjin University.

### List of materials required for application:

- Proof of the highest education qualification (For documents that are not in either Chinese or English, the notarized versions in Chinese or the translated versions in English shall be provided);
  - Academic transcripts (For documents that are not in either Chinese or English, the notarized versions in Chinese or the translated versions in English shall be provided);
  - Students who are studying at universities are required to provide enrollment statements, and incumbents are required to provide employment certificates;
  - Scanned passport (with photo page);
  - Good conduct certificate;
  - Study abroad plan (no less than 800 words, written in Chinese or English).
- Note: Clearly scanned versions of all application materials shall be uploaded.  
Application deadline: Please submit your application by 20th April, 2019.

