

# Division of Marine Engineering

The Division of Marine Engineering provides education and research programs, while laying the foundations on engineering, to foster highly-skilled engineers and researchers who are capable of developing, designing, and managing naval architects and ocean related systems. The mission of this division is to pioneer new technologies and disciplines that would contribute to develop marine and ship industries.

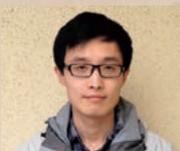
## Education and Research Area

- Naval Architecture and Ocean Engineering
- Power and Energy Systems Engineering
- Electrical and Electronic Engineering
- Mathematics and Physics for Maritime Science

## Courses at Master's Degree Program ( \_ : Courses in English)

- International Maritime Sociology
- Exercises for Marine Science and Technology
- Machine Design of Ocean and Offshore Structures 1, 2
- Strength Mechanics for Ship and Marine Structure 1, 2
- Ship and Marine Hydrodynamics 1, 2
- Compressible Fluid Dynamics 1, 2
- Multiphase Fluid Dynamics 1, 2
- Computational Fluid Dynamics 1, 2
- Power Systems Management 1, 2
- Engine Systems Maintenance 1, 2
- Thermal Energy Transport 1, 2
- Thermal Energy Conversion 1, 2
- Energy and Environment 1, 2
- System Control Theory 1, 2
- Robot Engineering 1, 2
- Power Conversion Engineering 1, 2
- Solid State Electronics 1, 2
- Physics for Maritime Sciences A1, A2
- Physics for Maritime Sciences B1, B2
- Physics for Maritime Sciences C1, C2
- Applied Physics for Maritime Sciences 1, 2
- Mathematics for Maritime Sciences 1, 2

## Message from International Student



*Xia Tian*

Beijing University of Technology



CHINA

### 1. Why did you choose the Graduate School of Maritime Sciences, Kobe University?

I had considered study in Japan since I started learning Japanese at college. In the science and technology research areas, Japan is one of the leading countries in the world and has also developed in other fields such as economics and education. I was always considering Japan as my first choice of studying abroad. And my seniors had introduced Kobe University to me, so I did really have a good impression of our university.

### 2. How do you feel after enrolling at Kobe University?

It is a honor to be a student of Kobe University. Kobe University is one of the most famous University in Japan, and is also well known in my own country. Kobe University presents high quality of education, advanced academic facilities and outstanding professors. And Kobe is also one of the most beautiful cities of Japan. So I am so glad to be studying at Kobe University.

### 3. Please explain briefly what your research is.

My research is about obstacle identification and path planning in robotic research area.

### 4. Do you have opportunities for cultural exchange?

Actually there are so many activities available for foreign students. And most activities are free or very cheap for us. Unfortunately, I have not participated any of these activities for some reasons. But I'd like to try some of these activities in the future.

### 5. What are your plans for after graduation?

After graduation, I might come back to my country and work in an electronics company.

### 6. What was your biggest culture shock after coming to Japan?

I have to admit that the manners in the Japanese and Japanese society are really complex to me. I couldn't say that I have completely mastered this knowledge, actually I think I still need to continue learning this for a couple of years.

### 7. What are the appeal points of the Graduate School of Maritime Sciences for you?

I think the most beneficial point is that the Graduate School of Maritime Sciences can provide both theoretical knowledge and practical experience of Maritime science to us.

### 8. Please give a message or advice to anyone who wishes to study abroad.

The hardest part of studying abroad may not be the language. Of course learning Japanese is very important and requires a lot of time and effort. But living abroad alone is also not easy for a foreigner. What I want to say to others is that you should adapt to Japanese culture and daily life. And don't neglect your personal health. Take some exercise at least once a week, after all, doing research also requires a healthy body.

as of January, 2017