Curriculum Policy of the Faculty of Maritime Sciences

Based on the Kobe University Curriculum Policy, the Faculty of Maritime Sciences organizes its curriculum in accordance with the points below.

1. In order to impress upon students *a sense of humanity*, *creativity* and *international awareness*, the university has established common courses to be taken by all students. These include basic liberal arts courses, integrated liberal arts courses, advanced liberal arts courses, foreign language courses, first year seminars, career courses, information science courses, health and physical education courses and other courses deemed mandatory.
2. In order to foster deeper knowledge and cultivate expertise, the faculty has established the following specialized subjects:
   - Common specialized foundation courses and common faculty courses have been established so that students can acquire basic specialized knowledge and academic abilities related to science and technology that can contribute towards solving global isssues.
   - To enable students to aquire the necessary learning to enable them to contribute towards the development of sustainable society, the faculty has established advanced liberal arts courses and common faculty courses to be taken by all students.

In addition, each department has established the following specialized subjects

<u>Department of Global Transportation Sciences</u>

- In order to foster broad knowledge and applicable skills related to global transportation/distribution activities, the Department of Global Transportation Sciences has established common required subjects.
- In order to foster the skills needed to take on leadership roles in transportation fields with the aim of constructing safe and efficient transportation/distribution networks, the department has established common elective subjects.

Furthermore, these courses are often combined with active learning or experience-based learning in the form of lectures, practical learning, practical training, or other classroom formats. Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.

<u>Navigation Management Course</u>

- Primary specialized subjects will be offered so that students can acquire the knowledge and skills, ranging from the basics to practical applications,which are related to

international maritime transportation activities.

- In order to build a safe and efficient international maritime transportation network, secondary specialized subjects will be offered so that students can acquire the abilities to enable them to become global leaders in the field of international maritime transportation.

Furthermore, these courses are often combined with active learning or experience-based learning in the form of lectures, practical learning, practical training, or other classroom formats. Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.

Maritime Logistics Sciences Course

- In order to foster the ability to solve problems in global design, implementation, evaluation, and management of global traffic/distribution systems from a transport planning perspective, the Department of Global Transportation Sciences has established transportation planning courses.
- In order to foster the ability to solve problems in economic/traffic/distribution activities from a management science perspective, the department has established management science courses.
- In order to foster the ability to solve problems by integrating the perspectives of management science and transportation planning, the department has established common course subjects.

Furthermore, these courses are often combined with active learning or experience-based learning in the form of lectures, practical learning, practical training, or other classroom formats. Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.

Department of Marine Safety Systems Science

- We will establish specialized departmental foundation courses so that students can acquire the necessary basic academic knowledge in the field of science and engineering and a wide range of applied knowledge.
- Specialized subjects will be established so that students can acquire the ability to contribute towards the construction of safe and secure sea transportation and infrastructure systems.
- Specialized subjects will be established so that students can acquire the ability to use and apply their skills to contribute towards the fields of global environmental conservation, evaluation, and analysis.

Furthermore, these courses are often combined with active learning or experience-based learning in the form of lectures, practical learning, practical training, or other classroom formats. Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.

Department of Marine Engineering

- Establishing common liberal arts and sciences subjects in the department so that students can acquire the basic academic abilities and basic knowledge related to engineering, which are indispensable for the realization of a sustainable society.
- Primary specialized subjects, and the secondary specialized subjects for the engine management course and the mechatronics course are established so that students can understand mechatronics technology, marine engines and marine engineering-related equipment technology, and can also acquire the ability to utilize and develop these technologies.
- In order to acquire the ability to understand, manage, and evaluate entire systems from a technical point of view, primary specialized subjects and secondary specialized subjects of the engine management course and the mechatronics are established.

Furthermore, these courses are often combined with active learning or experience-based learning in the form of lectures, practical learning, practical training, or other classroom formats. Learning outcomes are evaluated via multiple comprehensive methods according to the learning objectives.