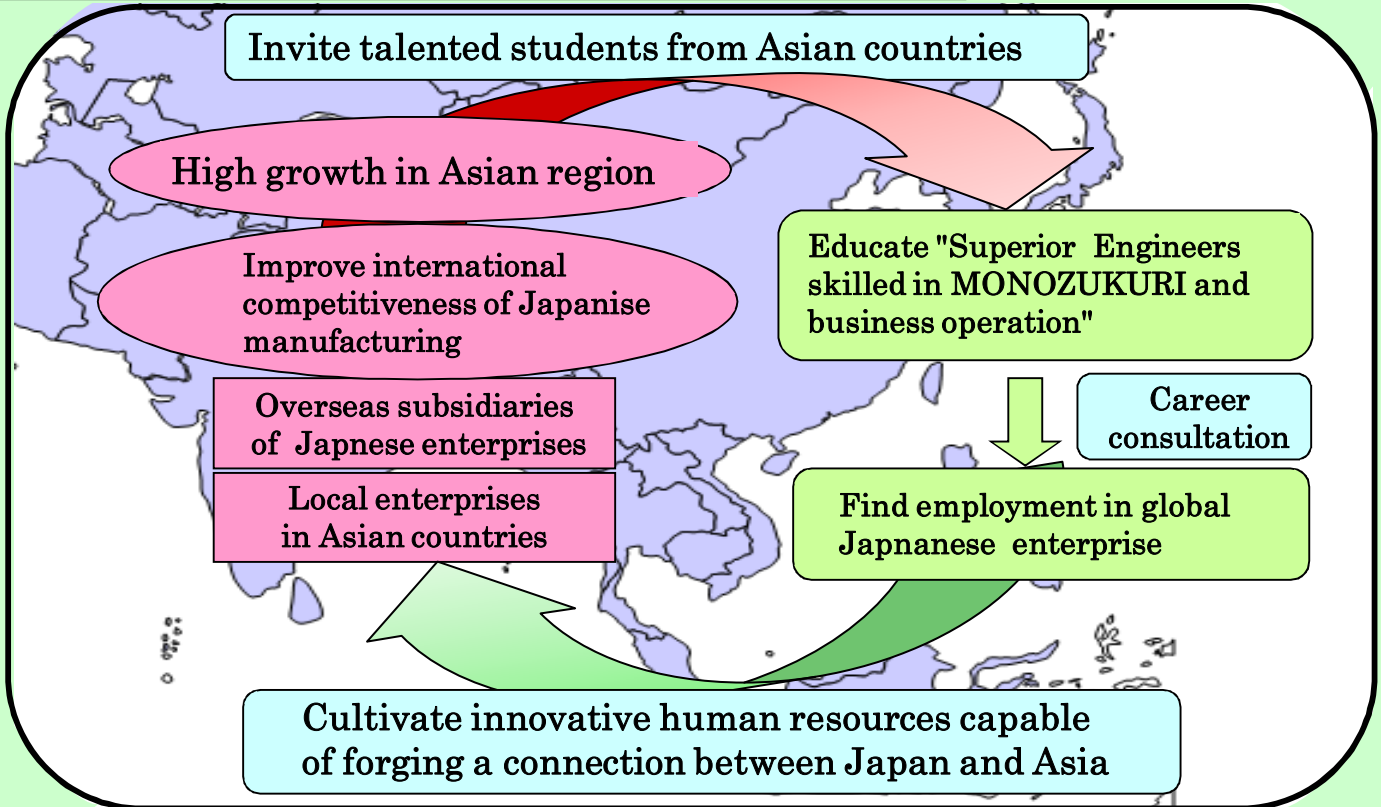


# Career Development Program

(Supported by METI and MEXT)

Advanced Educational Program of Career Development for MONOZUKURI(Manufacturing) based on Social Environment Model of University-Industry Collaboration

## Bridge Japan with Other Asia Countries

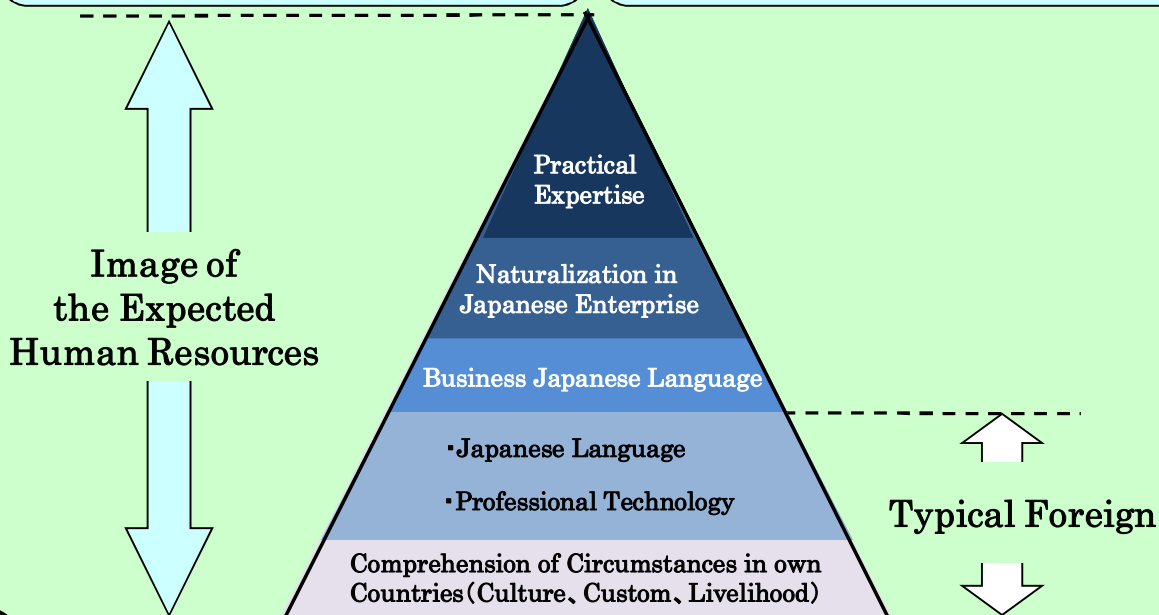


## Goal of Human Resources Development

**Executive Person for Global Business**  
 • Core person capable of cultivating broad vision and new business related to global market.

**Superior Engineer**

• Innovative engineer capable of creating novel and competitive products to meet the needs of the local market in Asia.



# Education Programs

## Feature: Unique Programs Based on Industry-University

### Professional Development

#### (1) Major Subject (more than 30 credits recommended)

• Major field

Mechanical Engineering, Material and Manufacturing Science, Electrical and Information Engineering, Sustainable Energy and Environmental Engineering, Applied Chemistry and other.

#### (2) MONOZUKURI (Management of Industry technology) Subject (more than 20 credits required)

Category	Course	Credits
Environment & Ethic	① Life Cycle Engineering	2
	② Advanced Risk Management and Reliability	2
	③ Management of Technology Strategy in Environmental Symbiosis Age	2
	④ History and Review for Technology Development with Environmental Symbiosis	2
	⑤ Management and Environmental Symbiosis on Japanese Business	2
	⑥ Engineering Ethics	2
Mnagement	① Leadership in Japanese Enterprise	2
	② Project Management in Japan	2
	③ Exercise on the Job Education I	2
	④ Exercise on the Job Education II	2
	⑤ Introduction on Merging of Technology	2
	⑥ Design of Functional Mterials and Composites	2
	⑦ Managment of Technology and Industry	2
Japanese Style MONOZUKURI	① Mechanical of Animal Swimming and Biomimetic	2
	② Practical and Technological Production System	2
	③ Sustainable Production Technology	2
	④ History of Technological Development	2

### Communication Skill in Japanese

#### Japanese Language Training

- Japanese Education Program will not only offer lectures ,but will provide comprehensive assistance such as through home work supported by International Student Center of Osaka University.
- The both classes of business Japanese language and Japanese business cultures will be provided for students to fit in Japanese enterprise. (J1 level at BTJ expected)

### Naturalization in Japanese

#### Internship Program and Interview with Executives of Enterprises

- Nатураization ability in Japanese enterprise will be developed through the one month internship (two times in two years) and meeting-and-talking with many key parsons of Japanese enterprises.

### Practical Expertise

#### On the Job Education and Camp for Practice

- Through the case study and group discussions, the importance of communication and teamwork will be acquired. Moreover, the skill of performing the tasks will be brought up through the practice of solving the problem provided by enterprises.

# Achievement

## Japanese Language for Business

Business Japanese language training for 480 hours in two years will be conducted by professional instructors with original educational materials. With respect to language, however, the program will not only offer lectures, but will provide comprehensive learning assistance such as through homework.



## Internship



One month internship (two times in two years) is implemented. Guidance will be provided by collaborating teachers to facilitate matching between enterprises and students. After the completion of each internship, the briefing session will be held and students will be evaluated by enterprises and their problematic points will be clarified.

## Interview for Matching

Several opportunities to exchange opinions with person in charge from enterprises will be given to understand each other before applying for an internship and getting employment.



## OJE (Tactical Exercise)

Action Assignments will be provided by enterprises to students who will be grouped. By doing tasks, students will learn about taking responsibility and the initiative in solving problems.

**<A Group>**  
Propose a new business model using wind-power generation

**<B Group>**  
Clarify the contribution of the patent to company

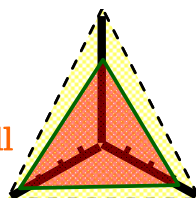
**OJE foster independence of students**

**<C Group>**  
Offer a new business strategy in washing machine field, considering environment and Universal Design

## Terakoya-style Camp

All participants (students, teachers and lecturers from enterprises) stay at some training facility for three days and two nights and debate specific issues to develop the communication skill and solving ability for problems in comprehensive manner.

- Wisdom
- Applied skill

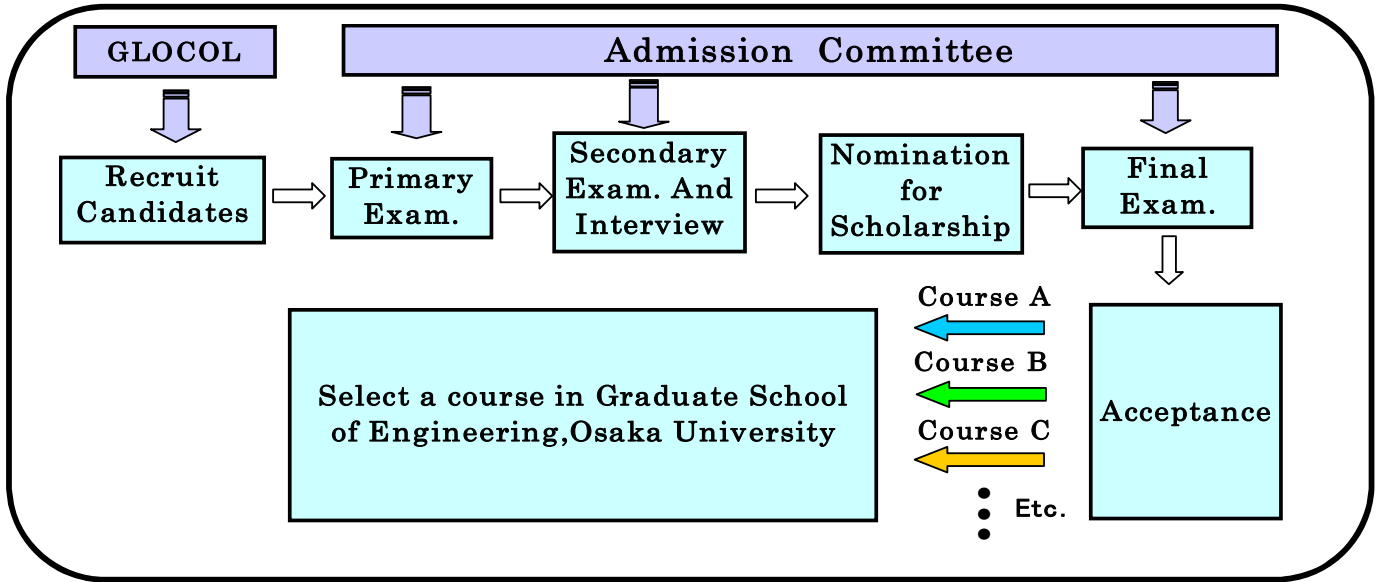


- Communication skill
- Teamwork skill

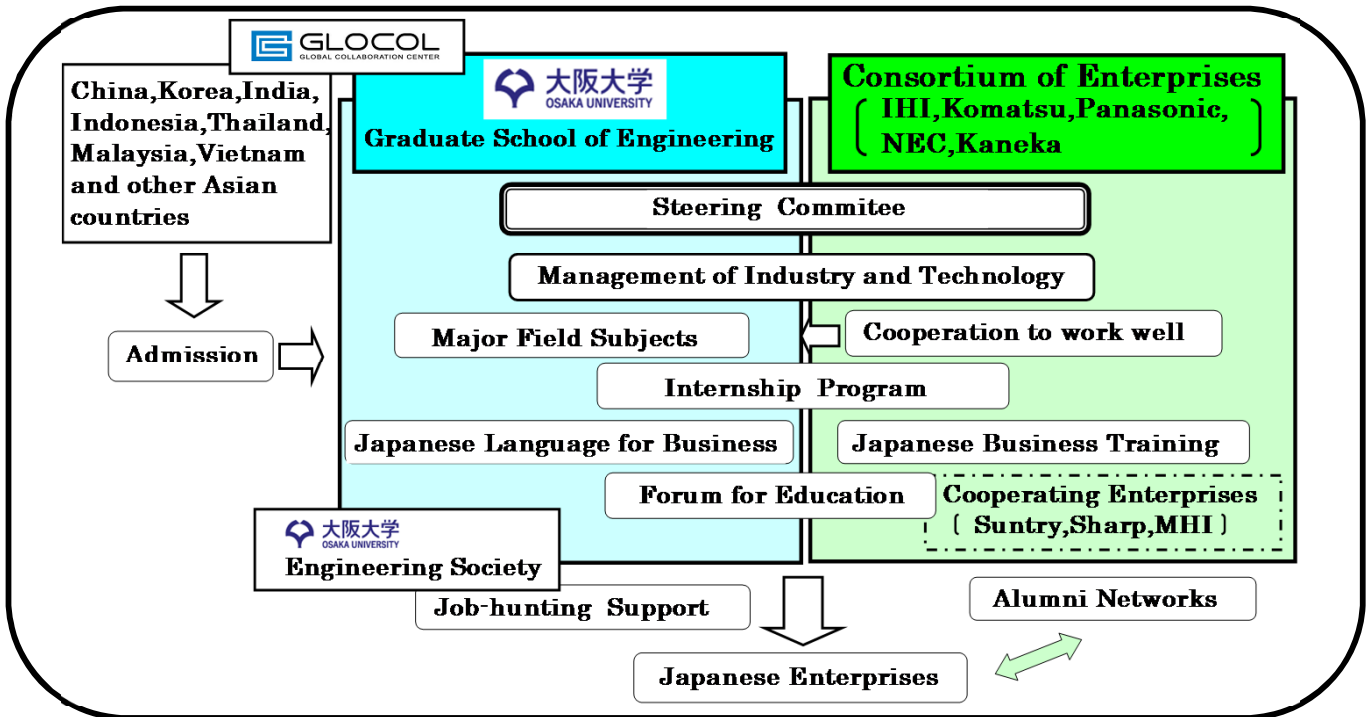


- Solving ability
- Practice skill

# Steps to Admission



# Organization



# About Us

