

**KOICA, Professional Capacity Building Program**

# **Industrial Transformation-Oriented Program for Engineers and R&D Professionals in Shipbuilding and Ocean Engineering**



## Strengthening cooperation in the shipbuilding industry between Korea and partner countries

### Industrial Transformation Program for Engineers and R&D Professionals in Shipbuilding and Ocean Engineering

#### 1 Eco-friendly and Smart Ship Design Technology

24-month Regular Master's Program  
in Shipbuilding and Ocean Engineering

#### 2 Industry-Linked Internship

6-month internship  
in the shipbuilding industry

#### 3 Full Tuition and Living Expenses Support

Tuition, Living Expenses, Dormitory,  
and Airfare Support

#### 4 Korean Language Training and Living Support

Level-based Korean language training,  
with a goal of achieving TOPIK Level 3

## Organizations

- Supervised by : KOICA (Korea International Cooperation Agency)
- Implemented by : Changwon National University

## Program Title and Objective

- Program Title : KOICA Professional Capacity Building Program
- Program Name : Industrial Transformation-Oriented Program for Engineers and R&D Professionals in Shipbuilding and Ocean Engineering
- Objective : The goal of this program is to train master's-level engineers and R&D professionals for the transformation of the shipbuilding and ocean industry in partner countries. It also aims to improve research and practical skills and to strengthen cooperation between Korea and partner countries through links with Korea's shipbuilding industry.



- 🎓 Regular Master's Program in Shipbuilding and Ocean Engineering at Changwon National University
  - Smart ship technology, eco-friendly propulsion and energy systems, ICT-based design technology
- 🏭 Internship and job support with shipyards and engineering companies in Korea
- 🚢 Field visits to major shipyards and companies in Korea
- 💰 Full support for tuition, airfare, living expenses, dormitory, and Korean language training



## ○ Financial Support Details (Per Person)

[Exchange Rate: 1 USD = 1,380 KRW]

Budget Items	Support Amount (USD)	Remarks
Tuition (Full)	<b>9,565</b>	2,391 USD × 4 semesters
Round-trip Airfare (Full)	<b>1,464</b>	Subject to national airfare variations
Settlement Allowance	<b>435</b>	One-time payment upon arrival
Living Allowance	<b>20,870</b>	870 USD/month × 24 months
Accommodation (Dormitory)	<b>4,923</b>	205 USD/month × 24 months
Health Insurance	<b>1,530</b>	64 USD/month × 24 months
Return Allowance	<b>217</b>	One-time payment before departure
Korean Language Training	<b>1,159</b>	580 USD × 2 semesters
Miscellaneous	<b>725</b>	Internship support, field training, etc.
Total	<b>40,887</b>	Approx. 1,703 USD/month per person

Category	Details
Nationality	<ul style="list-style-type: none"> <li>- Applicants must be from one of the following 13 countries: India, Bangladesh, Vietnam, Nepal, Mongolia, Myanmar, Sri Lanka, Egypt, Uzbekistan, Indonesia, Cambodia, Pakistan, Philippines</li> <li>- Applicants can apply from their home country or from Korea</li> <li>- Expected graduates of Korean universities can apply</li> </ul>
Education	<ul style="list-style-type: none"> <li>- Must have a bachelor's degree (from a recognized university in home country or Korea)</li> <li>- Non-majors must have basic math knowledge or work experience in the shipbuilding field</li> </ul>
Recommendation	<ul style="list-style-type: none"> <li>- Must submit an official recommendation letter from a professor or institution</li> </ul>
Korean Government Scholarship History	<ul style="list-style-type: none"> <li>- Must not have received a Korean government (including KOICA) master's scholarship before</li> </ul>

Category	Details
KOICA Program History	<ul style="list-style-type: none"><li>- Must not have been disqualified or sent back during a KOICA program due to false documents, low grades, or misconduct</li></ul>
Language Skills	<ul style="list-style-type: none"><li>- Must have Korean or English skills (enough to attend classes and write a thesis)</li></ul>
Criminal Record	<ul style="list-style-type: none"><li>- Must have no criminal record</li><li>- Must submit an official criminal record certificate from their country</li><li>- If staying in Korea, also submit a Korean criminal record certificate</li></ul>
Preference	<ul style="list-style-type: none"><li>- Age under 40</li><li>- TOPIK Level 3 or higher preferred</li></ul>

Stage	Main Task	Details
<b>Announcement &amp; Posting (Apr– May)</b>	<b>Recruitment Announcement</b>	<ul style="list-style-type: none"> <li>▪ Announcement through university networks by country</li> <li>▪ Open recruitment through top universities recommended by KOICA overseas offices in 13 countries</li> </ul>
<b>Application Submission (May)</b>	<b>Application Document Submission</b>	<ul style="list-style-type: none"> <li>▪ Prepare required documents based on CWNU graduate admission and KOICA requirements (2026)</li> <li>- Application document submission</li> <li>- Document review and selection of successful and waitlisted applicants</li> </ul>
<b>Final Selection (June)</b>	<b>Final Selection</b>	<ul style="list-style-type: none"> <li>▪ Review and confirm the selected applicants with KOICA</li> <li>▪ Finalize the list of selected trainees and conduct medical check-ups</li> <li>▪ Notify final results to applicants</li> </ul>

# 6 University Introduction and Location



# 6 University Introduction and Location

- Mega Shipyard (DWT 300,000 ton)
- Large Shipyard (DWT 50,000 ~ 120,000 ton)
- Small Shipyard (DWT 10,000~50,000 ton)



