

2017 KOICA - PKN Master's Degree Program in Fisheries Science

July 27, 2017 – December 20, 2018
Seongnam & Busan, Republic of Korea



Korea International Cooperation Agency



Graduate School of Global Fisheries
Pukyong National University

****Participants are strongly advised to thoroughly read and follow the provided instructions in the Program Information.****

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Part I**KOICA & SCHOLARSHIP PROGRAM**

The Korea International Cooperation Agency was founded as a government agency on April 1, 1991, to maximize the effectiveness of Korea's grant aid programs for developing countries by implementing the government's grant aid and technical cooperation programs.

In the past, development cooperation efforts were focused on meeting the Basic Human Needs (BHNs) of developing countries and on fostering their Human Resources Development (HRD).

However, the focus has now shifted to promoting sustainable development, strengthening partnerships with developing partners, and enhancing the local ownership of beneficiaries.

Additionally, global concerns such as the environment, poverty reduction, gender mainstreaming, and population have gained significant importance among donor countries.

Due to the continuously changing trends in development assistance efforts and practices, KOICA is striving to adapt to these changes by using its limited financial resources effectively on areas where Korea has a comparative advantage.

In particular, since Korea has the unique experience of developing from one of the poorest countries in the world to one of the most economically advanced, this knowhow is an invaluable asset that helps KOICA to efficiently support the sustainable socio-economic development of its partner countries.

Korea's ODA Framework

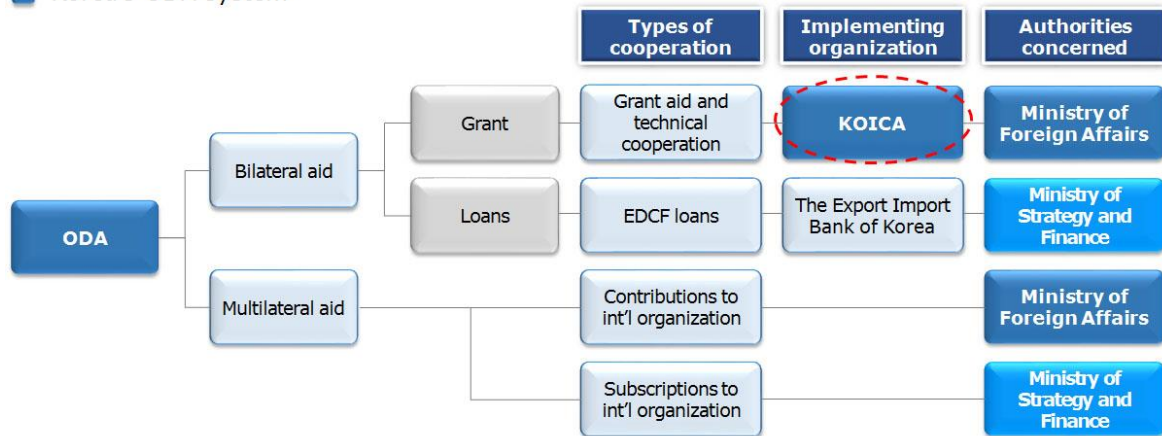
Official Development Assistance (ODA) is composed of grants or concessional loans, which are provided to developing countries with the purpose of promoting economic development and welfare.

Korea's ODA is classified into three areas: 1) bilateral aid (grant aid & technical cooperation), 2) bilateral loans, and 3) financial subscriptions and contributions to international organizations (multilateral).

Bilateral aid is comprised of technical cooperation and various types of transfer (made in cash, goods or services) with no obligation for repayment, and is implemented by KOICA under the authority of the Ministry of Foreign Affairs in the Republic of Korea. Bilateral loans are provided on concessional terms under the name of the Economic Development Cooperation Fund (EDCF), implemented by the Export-Import Bank of Korea under the Ministry of Strategy and Finance.

Multilateral assistance is delivered either as financial subscriptions or contributions to international organizations.

▶ Korea's ODA system



Korea's Experience and KOICA's Program for Human Resources Development

Human Resource Development (HRD) has been the most important factor in Korea's escape from the vicious cycle of poverty and underdevelopment that had existed for many decades. With scant natural resources, HRD played a vital role in modern Korea's development. Clearly, Korea has emerged as an exemplary showcase of national development powered by human resources development.

From its own development experience, Korea came to fully recognize the significance of HRD, specifically in regards to Korea's collaboration with other developing countries. With much experience and know-how in HRD, Korea can contribute greatly to the international community by sharing its unique development experience with other nations.

Since its establishment in 1991, KOICA has supported a variety of international cooperation programs for HRD, mainly in project-type aid form focusing on education and vocational training with a focus in building a foundation for HRD.

The training and expertise-sharing programs help our partner countries build administrative and technical expertise in both the public and private sectors. In order to share experience at the grassroots level, under the name of World Friends Korea, KOICA dispatches Korea Overseas Volunteers to provide services in the fields such as education, regional development, computer science, health care and nursing. Approximately 7,806 volunteers have been dispatched to 57 countries thus far.

The training program provides opportunities to individuals from developing countries to gain first-hand knowledge of Korea's development experience. The purpose of the program is to enable the participants to apply what they learned for the development of their home country or local community. Since 1991, KOICA has offered 3,410 courses to 53,810 participants from 173 countries. There are a wide range of topics covered in the training program, including administration, economic development, science and technology, information and communication technology, agriculture and health. In order to meet the changing needs of partner countries, KOICA always strives to renovate and improve its HRD programs.

Types of KOICA Training Programs

KOICA offers five major types of training programs:

1. Country Training Program
Tailored programs that are specifically designed for an individual partner country
2. Regular Training Program
Programs that are open to any interested partner countries
3. Special Training Program
Programs that are temporarily available owing to particular commitments of the Korean as well as partner governments
4. Joint Training Program
Programs conducted in partnership with international organizations and other agencies
5. Scholarship Program
Master's degree programs offered to individuals from partner countries

KOICA's Scholarship Program

With a mission to nurture talented students from developing countries, KOICA invites high-caliber students from developing countries and helps them gain professional and systematic knowledge that will play a key role in their home country's development.

To accomplish this mission, KOICA has been operating master's degree courses with leading Korean universities in the fields of economics, trade, women's empowerment, rural development, etc.

In particular, this program has significantly strengthened the relationships between Korea and the students' home countries. Students, who have been given an opportunity to see Korea's

experience in poverty reduction and socio-economic development, will gain a deeper understanding of Korea and contribute to the future social, political and economic ties between the two nations.

From 1997 to 2013, the program has assisted a total of 1,854 students through 92 courses. In addition, as of 2014, 290 participants will participate in 16 master's degree programs at 16 Korean universities.

KOICA Scholarship Program is fully committed to the Sustainable Development Goals (SDGs) and is determined to expand its efforts to nurture future talents from developing countries to promote their countries' sustainable economic growth and social development.

Part II**PROGRAM OVERVIEW**

☐ **Program Title:** KOICA – PKNU International Graduate Program of Fisheries Science
(KOICA-PKNU IGFS)

☐ **Duration**

- **Stay duration:** July 27, 2017 – December 20, 2018 (17 months study in Korea)
During 17 months in PKNU, students are strongly recommended to complete their thesis.
- **Academic duration:** September 1, 2017 – February 22, 2019 (18 months)
In accordance to the university regulations, the certificate of Master's Degree will be issued in February 2019.

☐ **Degree :** Master of Fisheries Science

☐ **Objectives**

- To train fisheries specialists on various fields of fisheries science and contribute to the development of fisheries industries of participating countries.
- To facilitate cooperative relationships and expand networks between participating countries and Korea in the field of fisheries science

☐ **Training Institution**

- **Institution:** Graduate School of Global Fisheries, Pukyong National University
- **Website:** <http://gsgf-e.pknu.ac.kr>

☐ **Number of Participants:** 20 Government Officials

☐ **Language:** English fluency that requires no translation

☐ **Accommodations**

- **KOICA International Cooperation Center (ICC),**
- **Dormitory of Pukyong National University**
 - The dorm rooms are designed for double and single occupancy.
 - Each room is fully furnished with a desk, a bed, a wardrobe, a sink, a bathroom and electric appliances (a LCD television, a refrigerator and an air-conditioner).

Part III

HOW TO APPLY

1. APPLICATION ELIGIBILITY

- ☐ Be a citizen of the country which has a cooperative relationship with KOICA.
- ☐ Be a government/municipality official or a researcher / an instructor in state institute working in his/her home country with a Bachelor's Degree or higher (**Private sector employees are not eligible**).
- ☐ Have a high level of understanding classes conducted entirely in English and to be able to write academic reports and thesis in English (Advantage points will be added for English proficiency test score with TOEFL (PBT) 550, CBT 210, IBT 80, TEPS 550, ITP 550 and IELTS 6.5).
- ☐ Be good health, both physically and mentally, to complete the program.
 - Pregnancy is regarded as a disqualifying condition to participate in this program.
 - Having Tuberculosis or any kind of contagious disease is regarded as a disqualifying condition to participate in this program.
- ☐ Not be a person who has withdrawn from KOICA's scholarship program.
 - Person belonging to the institution in which candidates submitted false documents and returned to his/her country arbitrarily in the middle of SP program cannot apply
- ☐ Have not participated in KOICA's scholarship program or any of the Korean government's Scholarship Program before (Master's Degree program).

2. ADMISSION PROCESS

Process	Dates
Step 1. Closing Date for Application Package Submission	April 12, 2017 17:00 P.M. (Local time in Korea)
Step 2. On-site Interview(KOICA)	April 13 –18, 2017
Step 3. Document Screening	April 20 – 27, 2017
Step 4. Phone Interview	May 15 – 23, 2017
Step 5. Medical Check-up (local)	May 29 – June 16, 2017
Step 6. Final Admissions Notification	July 3, 2017

✕ The timeline in this table is based on local time in Korea and subject to change.

► Post Admission

Process	Dates
Arrival in Korea	July 27, 2017
KOICA Orientation	July 28, 2017
PKNU Orientation	August 2, 2017

A. APPLICATION PACKAGE SUBMISSION

- Prepare all required documents for your admission package and fill out the ‘Document Checklist’. Check whether all information is correct.
- Submit the application package (including both PKNU and KOICA application forms and other required documents) to the regional KOICA office or Korean Embassy (if KOICA office is unavailable) by the submission date.
- Scanned copies are acceptable but original copies should be sent to PKNU before the phone interviews.
- Applicants who submit the scanned copies should send the original copies to PKNU personally. KOICA and university do not pay postage costs for late submission of original copies.

B. ON-SITE INTERVIEW (KOICA)

- Participate in an on-site interview by KOICA regional office or Korean Embassy. If an applicant lives in a country where the KOICA regional office/Embassy does not exist or lives far from the capital city, he/she can be interviewed by phone after consulting with the KOICA regional office/Embassy.

C. 1ST ROUND: DOCUMENT SCREENING

- Applicants nominated by the regional KOICA office or Korean Embassy (if KOICA office is unavailable) as a result of on-site interview and have submitted their application packages are considered for document screening.
- Document screening will be processed by PKNU. Application package as well as the on-site interview result will be thoroughly reviewed by KOICA-PKNU IGFS Committee of PKNU graduate school of global fisheries.
- Every component included in the application package such as the reputation of undergraduate school, undergraduate GPA, English proficiency, current affiliation, working experience will be evenly evaluated.
- The result for the 1st round selection will be announced to the applicants and KOICA respectively.

D. 2ND ROUND: INTERVIEW (PKNU)

- An opportunity for a phone interview will be given only to those who pass through the 1st round successfully.
- The details of interview including interviewee list will be sent to the regional KOICA offices and interview arrangements will be made respectively.
- Phone interview schedule will be notified individually by the regional KOICA offices or Korean embassy with 2 - 3 day notice in advance.

E. ONLINE APPLICATION PROCESS

- Applicants who successfully pass the 2nd round need to go through online application. This will take an hour since you have already filled out the PKNU application. You can just copy the contents to the online application.
- The online application fee is waived for KOICA applicants.

F. MEDICAL CHECK-UP (LOCAL)

- **Summary**

- The medical check-up results will identify the applicants' health conditions, and doctors belong to the coordinating agency will verify factors that hamper the completion of the scholarship program.

- **Coordinating agency conducting information**

- Inje University PAIK Hospital
- Person in charge: Ms. Leah OH
- E-mail: inje_paik@daum.net
- Tel: +82-2-2273-0980

- **Date of medical examination**

- The date of the medical check-up will be notified individually from the coordinating agency after passing the 2nd round successfully
- The hospital reservation and related information will be notified to the applicants individually by e-mail from the coordinating agency. However, applicants who do not receive any notice until Jun 5, 2017, should contact the coordinating agency above.

※ Since the coordinating agency will provide guidance on medical check-up for those who passed the 2nd round by e-mail, you need to fill out the correct e-mail address on the application form and check your e-mail in time.

- **Recipient**

- Applicants who successfully pass the 2nd round (limited to about 130% of capacity)
- Applicants who successfully pass the 2nd round must receive an additional medical check-up. If you fail to take the examination within the given time, you will be disqualified.
- Even though you are on the waiting list, you must receive the medical check-up.

- **Expenses**

- The coordinating agency designated by KOICA will cover all costs to the local medical institution directly, so the applicants should not make separate payments to the medical institution.
- Please remember that transportation and accommodation fees will NOT be reimbursed.
- KOICA will not pay for the treatment necessary after the examination.

- **Result notice**

- The local medical institution does not inform the participant of the results of the examination, but if the participants request to the coordinating Agency, they will send it to you directly.
- You may be asked to receive re-examination by the coordinating agency to certain your medical condition.
 - ※ In case of re-examination, it must be done during the re-examination period.
(The coordinating agency will inform individually for those who need re-examination.)
- The results will be provided to KOICA Headquarters, KOICA overseas office as well as embassies, training institution, training support organization, and coordinating agency to progress application process.

Please read carefully before you apply

Changes in other natural and living environments may affect your health as leaving your home country. Among the trainees who have ever entered the country; their physical condition has fallen sharply, resulting in cases where they are hospitalized or had to return home earlier without being able to complete the program. In order to prevent such situation, we apply and judge the standard that does not interfere with the long-term study through the health screening when selecting trainees; we comprehensively judge the applicant's health eligibility based on the result of the medical examination. Therefore, if you suffered from an illness in the past, or still have it (previous illness); you must state it in the Medical Questionnaire because there are some diseases that are exacerbated by the environment even if it is currently cured. If you do not report the exact details, you may not be able to claim your insurance or receive medical assistance. Besides, you might be sent back to your home country or end up returning your living expenses, travel expenses, etc. to us.

Korea may have higher medical costs than your home country. According to Korea's insurance system, at least 20% of medical expenses are mandatory deductibles by law; which often is covered by the participants themselves. Therefore, we would like to recommend for those who are under medical treatment due to illness, those who need regular medical examinations, and those who are receiving outpatient treatment for tooth problems such as cavities to consult with their doctors and apply to the Master's Degree Program after they are completely cured.

G. ADMISSIONS NOTIFICATION

- Admissions results will be notified to the regional KOICA offices or Korean embassy. Registration instructions, course registration and other necessary steps will be guided to individuals

3. REQUIRED DOCUMENTS

※ All documents should be sent to the regional KOICA office or the relevant government office.

※ Please do not send the materials to Pukyong National University.

※ Important Notes for Applicant:

1. Name and birth date on the application forms must be the same as the one on passport.
2. All forms must be **typed in English (no italics)** and all the supporting documents must be **written in English**. Documents in any other language must be accompanied by a notarized English translation. ※ No translated document in English will be rejected.
3. Original documents must be submitted. Should they be unavailable, however, **copies must be authorized by the originating institution before they are submitted**.
4. If any of the submitted materials contain false information, admission is rescinded.
5. Applicant whose forms and supporting documents are incomplete or unsatisfactory is disqualified for the admission process.
6. Applicant should take full responsibility for any disadvantage due to his or her mistakes or omissions in the application.

① Document checklist

② A KOICA application form

③ A PKNU application form [PKNU form 1]

④ Two letters of recommendation [PKNU form 2]

※ One of recommenders must be an applicant's superior affiliated to the same organization.

⑤ A written pledge [PKNU form 3]

⑥ A personal statement [PKNU form 4]

⑦ A research proposal [PKNU form 5]

⑧ An official diploma (Bachelor's Degree) (in English)

※ Notarization required.

※ Title of degree, department name and undergraduate institution name must be

specified.

⑨ An official transcript from undergraduate institution (in English)

- ✕ Notarization required.
- ✕ Title of degree, department name, subjects' name, total credits and GPA must be specified.

⑩ A photo

- ✕ Size: 35x45mm (The area from the top of the head to the chin must be no less than 29mm, and no more than 34mm high.)
- ✕ Taken within the last 6 months.
- ✕ Taken with a neutral facial expression (eyes open and clearly visible, mouth closed, no smiling).
- ✕ Taken with uniform lighting and not show shadows, glare or flash reflection.
- ✕ Taken straight on, with face and shoulders centered and squared to the camera.
- ✕ Taken in front of a plain white or light-colored background (no primary and dark colors) with a clear difference between your face and the background.

⑪ A copy of passport

⑫ A curriculum vitae

⑬ A doctor's opinion paper about health checkup review

⑭ A certificate of employment from organization

- ✕ Notarization required.
- ✕ Position, employment type and employment date must be specified.

⑮ A certificate of English proficiency test (if applicable)

- ✕ Test: TOEFL (PBT/ CBT/ IBT), TEPS, ITP, ILETS

Part IV**PROGRAM CONTENTS****1. ACADEMIC SCHEDULE****A. PREPARATORY SESSION: August, 2017**

- Non-credit course to help students adjust themselves successfully to the program.
- Including orientation of fisheries sciences, learning primary subjects, fundamental experiments, assigning thesis advisor and thesis design, etc.

※ This preparatory session is useful for those who have not majored in Fisheries Sciences at undergraduate period, or have been away from academia for a long time.

B. REGULAR SEMESTER

- Quaternary semester system: 2017 fall semester, 2018 spring and 2018 fall semesters
- Quaternary session system: 2017 winter and 2018 summer sessions
- Preparing Master's thesis under the guidance of the thesis advisor for a year
- Strong encouragement by thesis advisory committee to complete Master's thesis before leaving Korea

◆ PKNU Academic Calendar, 2017–2019 ◆

Session	Date	Academic Schedule
2017 Preparatory Session	Jul. 27, 2017	Arrival in Korea
	Aug. 1	Arrival in PKNU and Check in Dormitory and Welcome Ceremony
	Aug. 2	Program Orientation & Campus Tour
	Aug. 3 – 22	Preparatory Session
	Aug. 7	Course Registration for 2017 Fall Semester
	Aug. 15	National Liberation Day
	Aug. 23	Assigning Thesis Advisor and Laboratory
	Aug. 25	Matriculation Ceremony
	Aug. 26 – Sep. 1	Submission of Tentative Thesis Plan
	Aug. 31	University Orientation
2017 Fall Semester	Sep. 1	2017 Fall Semester Starts
	Sep. 1 – Dec. 21	Basic Korean Class (1)
	Sep. 1 – 6	Drop/Add Period of Course Registration
	Sep. 25 – 29	Onboard Training
	Oct. 3	National Foundation Day
	Oct. 4 – 6	Chuseok (Korean Thanksgiving Day)
	Oct. 9	Hangul Proclamation Day
	Oct. 16 – 20	Mid-term Exams
	Nov. 6 – 10	Course Registration for 2017 Winter Session
	Dec. 14 – 21	Final Exams
	Dec. 21	Course Evaluation
2017 Winter Session	Dec. 22 – Jan. 17, 2018	Winter Session
	Jan. 1, 2018	New Year's Day
	Jan. 15 – Feb. 26	Basic Korean Class (2)
	Feb. 13 – 15	Course Registration for 2018 Spring Semester
	Feb. 15 – 17	Lunar New Year's Day
	Feb. 28	Submission of the 1st Thesis Progress Report
2018 Spring Semester	Mar. 1	Independence Movement Holyday
	Mar. 2	2018 Spring Semester Starts
	Mar. 2 – 6	Drop/Add Period of Course Registration
	Apr. 16 – 20	Mid-term Exams
	May 5	Children's Day
	May 10	Anniversary Founding Day of PKNU
	May 22	Buddha's Birthday

Session	Date	Academic Schedule
	May 23 – 25	Spring Festival of PKNU
	Jun. 6	Memorial Day
	Jun.13	Provincial Election
	Jun. 11 – 16	Final Exams
	Jun. 25	Submission of the 2nd Thesis Progress Report
2018 Summer Session	Jul. 7 - 31	Special Lecture: How to Write a Scientific Paper
	Aug. 16 – 17	Course Registration for 2018 Fall Semester
	Aug. 27 – Sep. 4	Registration of Graduate Qualifying Examination
2018 Fall Semester	Sep. 3	2018 Fall Semester Starts
	Sep. 17 – 21	Graduate Qualifying Exam
	Oct. 17 – 18	Dissertation Registration of Master's Degree
	Nov. 12 – 24	Oral Presentation of Master's Degree
	Dec. 7	Submission of Dissertation Report for Master's Degree
	Dec. 10 – 14	Publication of Master's Thesis
	Dec. 19	Completion Ceremony
	Dec. 20	Leave Busan
	Jan. 14, 2019	Submission of Final Thesis Publication
	Feb. 22	Graduation for Master's Degree

※ The above schedule may be subject to change. A detailed program schedule will be provided upon arrival.

2. ORIENTATION

When you first arrive, there will be an orientation for 4-5 days for KOICA's Scholarship Program at the KOICA International Cooperation Center (ICC). This orientation aims to provide participants with useful information on the program and general information on living in Korea that they will need during the program. Usually, the orientation is composed of two parts: KOICA's welcoming session and Seoul city tour. The order of each part is subject to change.

Session	Date	Contents
Arrival	July 27, 2017	Arrival in Korea
KOICA Orientation	July 28, 2017	KOICA's Welcoming Session and Seoul City Tour

※ Before moving in the dormitory, you will stay at KOICA International Cooperation Center (ICC).

A. KOICA's WELCOMING SESSION

In the first part of the orientation, you will have a welcoming session which includes KOICA's welcoming reception, an introduction of KOICA and a course outline. Through this session, you can have an overview of the Scholarship Program. Lectures about Korean culture as well as general information about daily life in Korea will also be delivered in this session.

B. EXTRA-CURRICULAR ACTIVITIES

KOICA provides a Seoul City Tour to every participant of the training program. Seoul is the capital of Korea. You will have a chance to visit the cultural heritage and downtown area of Seoul. The extra-curricular activities will help you get accustomed to the new culture and surrounding in Korea.

3. CURRICULUM

A. CURRICULUM AND CREDITS

- Must complete at least 24 credits for graduation, excluding the thesis submission.

Semester/ Session	Credits		
	Required	Elective	Total
2017 Preparatory Session	0	0	0
2017 Fall Semester	0	12	12
2017 Winter Session	0	3	3
2018 Spring Semester	0	11	11
2018 Fall Semester	1	1	2
Sum	1	27	28

Type	2017 Preparatory Session
Non-Credit (P/NP)	Orientations, Learning Primary Subjects, Fundamental Experiments, Assigning Thesis Advisor and Thesis Design
Non-Curricular Activities	Lab Tour, Visits of Factory or Research Institute

Type	2017 Fall Semester	
	Subject	Credit
Required (Non-Credit)	Basic Korean (1)	P/NP
Elective (12 Credits)	Fisheries Resources Research	3
	Finfish Aquaculture & Eco-friendly Fish Culture System	3
	Fisheries Physiology	3
	Marine Bioenergy	3
	Sensory Evaluation & Statistics	3
	Newer Food Design	3
	Seafood Safety Control	3
	Computer Aided Fishing Gear Design	3
	Marine GIS & Information Processing	3
	Fisheries Economics & Management	3
Non-Curricular Activities	Special Lectures, Academic Conference, Field Study (Visits to Factory, Aquaculture Farms and Research Institutes), Onboard Training	

Type	2017 Winter Session	
	Subject	Credit
Required (Non-Credit)	Basic Korean (2)	P/NP
Elective (3 Credits)	Fisheries Topics	3
Non-Curricular Activities	Special Lectures and Field Study (Visits to Factory, Aquaculture Farms and Research Institutes)	

Type	2018 Spring Semester	
	Subject	Credit
Required (Non-Credit)	Understanding of Korean Culture	P/NP
Elective (11 Credits)	Seminar 1	1
	Field Seminar 1	1
	Fish Reproduction	3
	Fish Nutrition & Feed Formulation	3
	Algal Culture & Utilization	3
	Fish Disease	3
	Fisheries Waste Treatment	3
	Fisheries Resource Assessment & Management	3
	Fisheries Investment Appraisal	3
	Quantitative Research Methodology	3
Non-Curricular Activities	Academic Conference and Field Study (Visits to Factory, Aquaculture Farms and Research Institutes)	

Type	2018 Summer Session
Special Lecture	How to Write a Scientific Paper
Non-Curricular Activities	Field Study (Visits to Factory, Aquaculture Farms and Research Institutes)

Type	2017 Winter Session	
	Subject	Credit
Required (1 Credit)	Thesis Research	1
Required (Non-Credit)	Graduate Qualifying Examination	P/NP
	Dissertation	P/NP
Elective (1 Credit)	Seminar 2	1

◆ Description of Units ◆

Semester	Subject	Professor	Description
2017-Fall	Fisheries Resources Research	PARK Wongyu	To conduct the scientific research and investigation for the fisheries resources and the safe operation of fishing vessels
	Finfish Aquaculture & Eco-friendly Fish Culture System	PARK Jeonghwan	To understand the concepts of fish culture and the relationship between fish culture and its environment for environmentally and economically sustainable aquaculture
	Fisheries Physiology	KIM Hyun-Woo	To understand basic physiological characteristics of economically important aquatic species and to apply acquired knowledge for aquaculture industry, including homeostasis, metabolism, endocrine system, and biotechnology related to fisheries science
	Marine Bioenergy	KIM Sung-Koo	To understand the basic principles of marine bioenergy of the trends and developments such as marine biomass, pretreatment, enzymatic saccharification and bioethanol production
	Sensory Evaluation & Statistics	LEE Yang Bong	To understand the theories and methods of sensory evaluation for food and fisheries products and to determine their quality by using statistical program

Semester	Subject	Professor	Description
	Newer Food Design	RYU Hong- Soo	To improve a dietary life by teaching physical and chemical knowledge of food components, food interaction and modification in cooking, processing or storage
	Seafood Safety Control	KIM Young-Mog	To understand the basic principles of food hygiene and relationship between a living body and the effects of poisonous food and microorganisms, and the importance of food safety and establishment of HACCP system in the food factory
	Computer Aided Fishing Gear Design	LEE Chun Woo	To design theory of various fishing gears, and practices for important fishing gears using a design program with a PC platform and analyze the performance of the designed gear using a computer
	Marine GIS & Information Processing	SHIN Hyeon-Ok	To learn the knowledge for the global marine geographic information system (GIS), especially Atlantic area, Pacific area and Northeast Pacific area and the key function of biotelemetry, and to enhance the ability of information processing related to the fisheries with the ArcGIS software
	Fisheries Economics & Management	NAM Jong Oh	To understand the theory of economic exploitation of living resources dealing with two dynamic systems; population dynamics and the dynamics of economic system
2017-Winter	Fisheries Topics	TBA	To focus on special topics of current importance in fisheries sciences
2018-Spring	Seminar 1	KANG Kyoungmi	To broaden the outlook of students and to knit into a cohesive whole the basic principles underlying the major disciplines
	Field Seminar 1	KAGN Kyoungmi	To have oral reports of practical fisheries related research experience or studies by working under faculty direction
	Fish Reproduction	CHANG Young Jin	To help students acquire the understandings on reproductive physiology of aquatic animals, and the approaches and useful managerial skills for fish seedling production

Semester	Subject	Professor	Description
	Fish Nutrition & Feed Formulation	BAI Sungchul C.	To understand the basic concepts of Fish Feed Nutrition and Feed Processing Technology including the classification of Nutrients and their metabolism in fish, the relationship between foods (including feeds) and nutrition, and aquafeed formulation and manufacturing
	Algal Culture & Utilization	HONG Yong-Ki	To introduce basic biological principles involved in propagating seaweed, and provide an overview of key topics in the fields of seaweed aquaculture, tissue culture, strain improvement, genetic analysis, and biologically active substances from seaweed
	Fish Disease	HUH Min-Do	To help students acquire the basic concept of disease and its occurrence in both fish and lower invertebrates
	Fisheries Waste Treatment	KIM Joong Kyun	To introduce how to reutilize fisheries waste generated in fisheries processing, as useful resources by microbial degradation
	Fisheries Resource Assessment & Management	ZHANG Chang Ik	To understand the basic concept of marine ecosystem, fisheries environment and the integrated ecosystem-based fisheries assessment and management approach
	Fisheries Investment Appraisal	PYO Hee-Dong	To understand the economic evaluation techniques of fisheries project appraisal for the individual/firm and the public sector in developed and developing countries
	Quantitative Research Methodology	PARK Cheol-Hyung	To understand basic tools of empirical analysis needed to write academic articles
2018-Fall	Thesis Research	Thesis Advisor	To research underlying the master thesis and writing of the thesis by the supervising faculty member
	Seminar 2	KANG Kyoungmi	To learn how to make a scientific presentation and prepare dissertation

B. ACADEMIC SYSTEM

1) ACADEMIC YEAR

- The academic year consists of three semesters (1 Spring and 2 Falls) and two seasonal sessions (Summer and Winter).
- Semester: 15 - 16 weeks (Spring: from early March to mid-June; Fall: from early September to mid-December)
- Seasonal session: 17 days

2) CREDIT

- Semester: maximum 12 credits
- Seasonal session: maximum 3 credits
- Assessment: mid-term and final exam, assignment, attendance and special exam for a subject
- Credit system

Grade	A+	A0	B+	B0	C+	C0	D+	D0	F
Point	100–95	94–90	89–85	84–80	79–75	74–70	69–65	64–60	59–0
GPA	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.0

3) CLASS ATTENDANCE AND PARTICIPATION

- Attendance for every class is compulsory to earn good academic scores. Lecturers will check your attendance in order to evaluate your academic scores with other assessments at the end of the class.
- In addition, participation in lectures is also an important part of university academic life.
- Most lecturers often proceed discussions. Doing that fresh ideas can be discussed and opinions can be exchanged. Lecturers take note of students' positive participation as valuable and everyone is encouraged to express his or her view.

C. TITLE OF DEGREE

This is a Master's Degree program in Fisheries Science. Master candidates who complete at least 24 credits and submit their thesis (non-credit but required course) will be granted the degree. The title of the degree is Master of Fisheries Science.



D. MEDIA AND METHODS OF INSTRUCTION

English is the medium of instruction. Not only the courses but all academic affairs will be conducted in English. Students do not need any prior knowledge of Korean language. Students can complete all their requirements for graduation within 14 months. Courses are designed to ensure students gain practical expertise. Participatory teaching methods will be fully utilized. Diverse methods such as experiment, simulation, debate and case study will be employed to enhance problem-solving ability.

E. GRADUATION REQUIREMENTS

1) CREDIT AND GPA

- Minimum grade in each course: **C0**
✧ *Anything below C0 will not be considered as a passing grade.*
- Minimum cumulative GPA for graduation: **B0** (3.0/4.5)

2) GRADUATE-QUALIFYING EXAMINATION

- Exam subjects: **Three** courses that students should pass in all session
- Minimum point for graduation: **70** /100 points in each exam subject
✧ *Only one additional make-up exam might be possible only if chairperson of IGFS approves.*

3) THESIS

✧ *Grade for a thesis can be “Pass” or “Fail”.*

■ Students should:

- Select a thesis advisor during the preparatory session
- Register for master’s thesis research course at the 3rd semester
- Submit their thesis to Thesis Advisory Committee (TAC) and the Dean of Graduate School of Global Fisheries at least one week before the defense date

- Successfully defend their thesis from the TAC members during 4th session.
- Officially print their thesis within a year after defense

■ **Thesis Advisors should:**

- Be a full-time faculty member of PKNU or a person having a Ph. D. in the relevant research field
- Organize two persons of TAC, who are faculty members or specialists, to guide the student's thesis
- Appoint one of the TAC members (except advisor) as a committee chairperson
- ✧ *Change of TAC may be possible under the approval of Dean of the Graduate School of Global Fisheries.*

■ **Thesis Advisory Committee (TAC) should:**

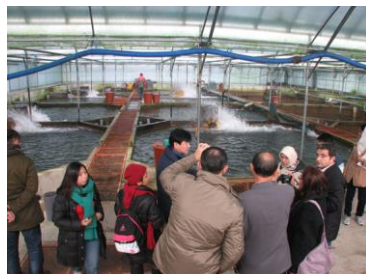
- Formally communicate all the procedures in completing thesis projects
- Inform the graduate candidate of the evaluation progress of thesis
- Report the result of defense to Dean of the Graduate School of Global Fisheries within a week after defense
- Make a decision for approval of the degree and report to the President of PKNU
- ✧ *If serious theoretical or ethical problems are found in the thesis, the Graduation committee can withdraw the degree.*

4) GRADUATION PROCEDURE

- **Check the minimum requirements for the Master's degree;**
 - Completion of minimum of 24 credits
 - Completion of all the required courses
 - Completion of thesis project
 - Average GPA must be above 3.0/4.5 (B0).
- **All the graduate candidates must submit the following documents;**
 - Three copies of thesis
 - Application form for thesis review
 - Abstract of thesis
 - Review report by thesis advisor

4. EXTRACURRICULAR ACTIVITIES (TENTATIVE)

- ☐ Research Institutions and Industrial Sectors: Fisheries Related Institutions (NIFS, KMI, KIOST, GFSRI, FIRA, etc.), Aquaculture Farms, Seafood Processing Factories, Feed Processing Factory, etc.



- ☐ Public Administration Sectors: Ministry of Ocean and Fisheries, Busan Metropolitan City, Busan Port Authority, Busan Regional Korea Food and Drug Administration, etc.



- ☐ Conference and Exhibition: World Ocean Forum, Busan International Seafood and Fisheries Expo, Korean Society of Fisheries and Aquatic Science, Korea National Maritime Museum, Whale Culture Zone, etc.
- ☐ Onboard Training: Training Ship KAYA (1,737 ton) and Research Vessel NARA (1,494 ton)



- ☐ Cultural and Exposition Places: UN Park, Chungnyeolsa Shrine, Provisional Government of Korea in Busan, National Gugak Center, etc.

Part V	TRAINING INSTITUTE
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1. GENERAL INFORMATION

A. PUKYONG NATIONAL UNIVERSITY (PKNU)

Pukyong National University (PKNU) has been evaluated as the best university for the undergraduate educational system by unifying two local national universities successfully for the first time in Korea. Looking back at the educational histories of these two universities (National Fisheries University of Busan and Busan National University of Technology), it has been more than 80 years from the moment of their inception. PKNU has 60 departments and 15 interdisciplinary programs for Master degree courses, and 56 departments and 12 interdisciplinary programs for Doctorate degree courses.

PKNU's new goal is to be a member of the top 100 global universities. We are also planning to support the development of promising new academic areas and help improve the levels of specialized research projects in at least three fields of studies to be among the top 10 in the global ranks. We will, furthermore, develop a more extensive global educational network. It gives our students numerous opportunities to discover and realize their potential as globally competent human resources. Under the support of student exchanging programs, they will be able to learn new things from foreign research content and able to experience diverse exotic cultures in other countries. At the same time we will continue to encourage highly qualified international students to come to study here with us and try to develop a curriculum to meet their academic needs.

B. KOICA-PKNU IGFS

Since 2007, short-term (1 to 3 months) training programs have been administered by Overseas Fisheries Cooperation Center (OFCC) in Pukyong National University (funded by KOICA and Ministry of Knowledge Economy). As of 2009, 65 fisheries officials and researchers from 19 African nations had been trained for the development of fisheries technology and business. From the remarkable success of the short-term programs, a more specialized Master's Degree Program was instituted. Accordingly, the KOICA-PKNU International Graduate Program of Fisheries Science (KOICA-PKNU IGFS) was established, and opened in the fall of 2010. Objective of KOICA-PKNU IGFS education is to bring up experts on fisheries-related fields who are equipped with core skills, practicable expertise,

problem-solving ability, international awareness, and visions. The success of KOICA-PKNU IGFS will result in the development of fishery resources unutilized in developing countries for mutual benefits under the exchange of skilled technical knowledge and manpower.

2. ACCOMMODATION

A. DORMITORY

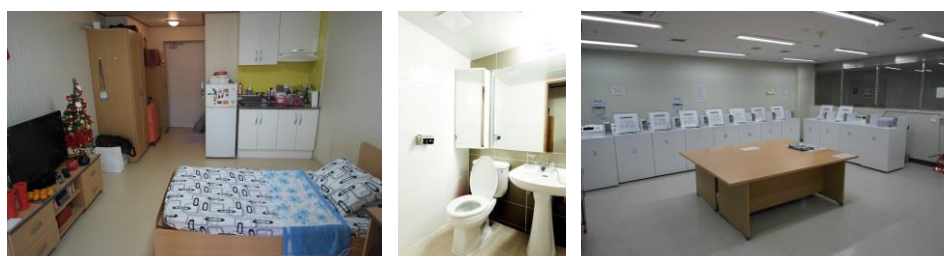
Dormitory at each campus (Daeyeon Campus and Yongdang Campus) of the University provides you with an opportunity to live in a comfortable, secured and well-managed environment. It has a central heating system, cafeterias, computer room, launderettes and lounge areas. Each room is fully furnished, but a participant has to bring his/her own linen, towel, slippers, and other things that he/her may need. The room will be occupied by single or double, and each room is furnished with a bed, a desk and a cabinet. Also each room comes with a private shower/lavatory room, a phone, wired and wireless LAN and air conditioner. In addition, there are two common laundry rooms in the dormitory basement (B1). There are several coin washing machines. For long-distance and international calls, it is cheap to use pre-paid phones with calling cards that participants can buy the cards at the convenience stores around the campus. It is prohibited to cook and to use electric heating appliances (cooker, heater, iron, kettle, etc.) in the room because of fire risk. Dormitory offers basic meals during the 17-month stay period. However it is unable to offer halal foods because of meal unit. Dormitory always offers eggs, fish and vegetables for Muslim participants.

Address: Sejong-1-Gwan, Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, 48513, Republic of Korea (Tel. +82-51-629-6731)



• Daeyeon Campus <Sejong-1-Gwan>

Bldg No.	Accommodation	No. of Rooms	Accommodated persons	Remark	Open year
A Bldg	Single room	22	22	Female	2009
	Double room	392	784	Female	2009
B Bldg	Single room	46	46	Male	2009
	Double room	390	780	Male	2009
Total		850	1,632	Females - 806; Males - 826	



• Daeyeon Campus <Sejong-2-Gwan>

Bldg No.	Accommodation	No. of Rooms	Accommodated persons	Remark	Open year
A Bldg	Single room	17	17	Female	2016
	Double room	255	510	Female	2016
B Bldg	Single room	37	37	Male	2016
	Double room	216	469	Male	2016
Total		525	1,033	Females - 527; Males - 506	

• Yongdang Campus <Kwangeto-Gwan>

Bldg No.	Accommodation	No. of Rooms	Accommodated persons	Remark	Open year
A Bldg	Double room	155	310	Females - 48; Males - 262	2004
B Bldg	Double room	106	212	Females - 72; Males - 140	2007
Total		261	522	Females - 120; Males - 402	

B. RESEARCH FACILITIES

■ FISHERIES SCIENCE RESEARCH CENTER

The Fisheries Science Research Organization is a research and development unit with strong capabilities in marine science and technology, culture of aquatic plants and animals, development of seafood products and policy development. It consists of nine major research institutes: Institute of Fisheries Science, Institute of Food Science, Marine Industry Policy Research Institute, Feeds and Foods Nutrition Research Center, Fisheries Science & Technology Center, Institute for Marine Living Modified Organisms, Institute of Sliced Raw Fish, Institute of Marine Life Sciences, and Institute of Low-carbon Marine Production Technology.

- Institute of Fisheries Science
- Institute of Food Science
- Marine Industry Policy Research Institute
- Feeds and Foods Nutrition Research Center
- Fisheries Science and Technology Center
- Institute for Marine Living Modified Organisms
- Institute of Sliced Raw Fish
- Institute of Marine Life Science
- Institute of Low-Carbon Marine Production Technology



■ FISH HOSPITAL

The Fish Hospital of Pukyong National University was established in 2009 as aquatic life general hospital for life respect, nature love and fisheries development. The Fish hospital provides the following services: aquatic life disease diagnosis, harmful materials assay and medicinal effects assay. Fish hospital is trying to provide excellent medical services.

■ TRAINING SHIP MANAGEMENT CENTER

The aim of the Training Ship Operation Center is to assist the students involved in fisheries and ocean department with optimum conditions on-board training and marine research to be professional sea men and technician, and keep efficient management of training ship KAYA and research vessel NARA.



■ TRAINING CENTER FOR FISHERIES AND MARINE SCIENCE

The Training Center for Fisheries and Marine Science is an educational laboratory to provide university members with practical facilities and programs required in fisheries science. Major activities of the center are focused on the R&D on a variety of aquaculture technology and food processing from marine resources. The center also supports many interdisciplinary programs for student education and cooperative research between university and industry.

■ AQUACULTURE FARM

The Fish Farm in the university campus is in use for the education and research on freshwater fish culture including genetics, nutrition, and aquaculture engineering. The closed recirculating water system and still water ponds cover around 6,000 m² of water surface on a total site of 11,000 m².



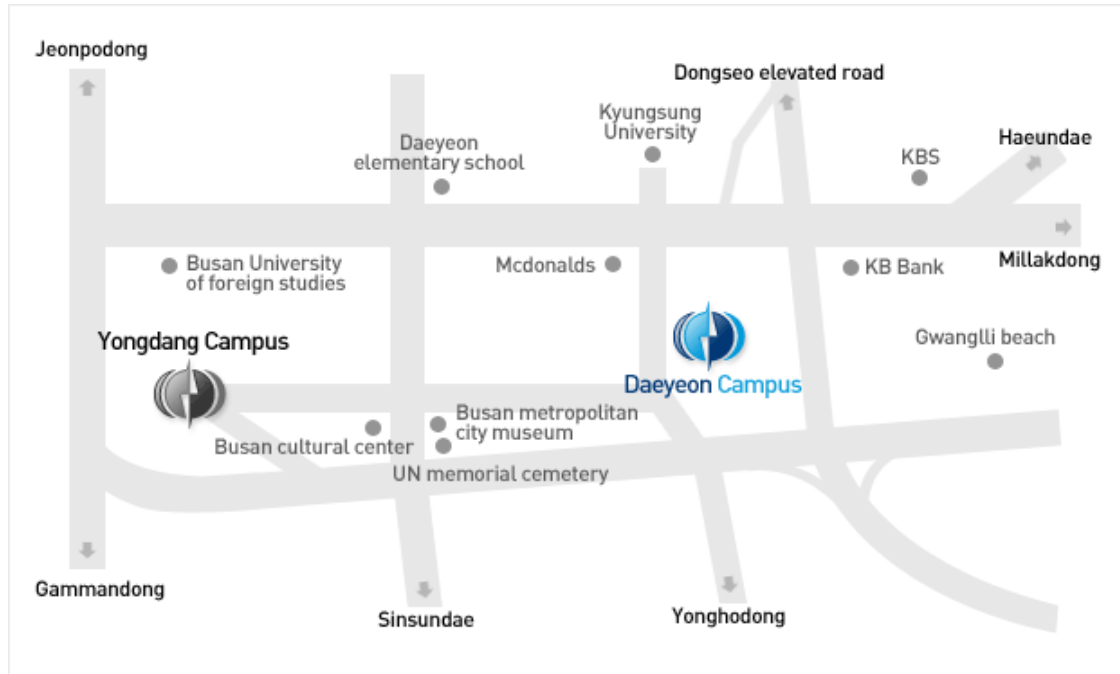
■ FOOD PROCESSING FACTORY

The Food Processing Factory is equipped with processing lines for canned food and fish cakes (including fish sausage), a refrigeration and cold storage system, equipment for dehydration, drying and other purposes.



3. OTHER INFORMATION

A. CAMPUS MAP



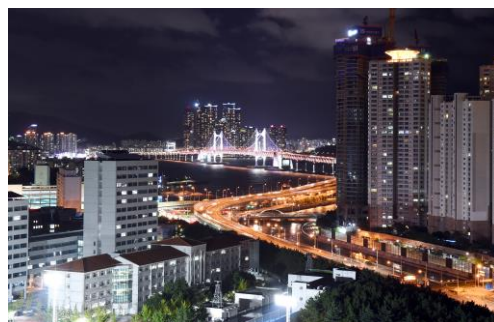
■ Address

■ DAEEYON CAMPUS

45 Yongso-ro, Nam-gu, Busan 48513, Republic of Korea
(Tel. +82-51-629-6877, 8)

■ YONGDANG CAMPUS

365 Sinseon-ro, Nam-gu, Busan 48547, Republic of Korea
(Tel. +82-51-629-4114; Fax. +82-51-629-6040)



B. CAMPUS LIFE

1) Student ID Card

KOICA-PKNU IGFS will assist you filling out forms for obtaining a student ID card. It can take up to three weeks to process your ID cards. When you have it, you can enter the university library and access all public university facilities.

2) Library

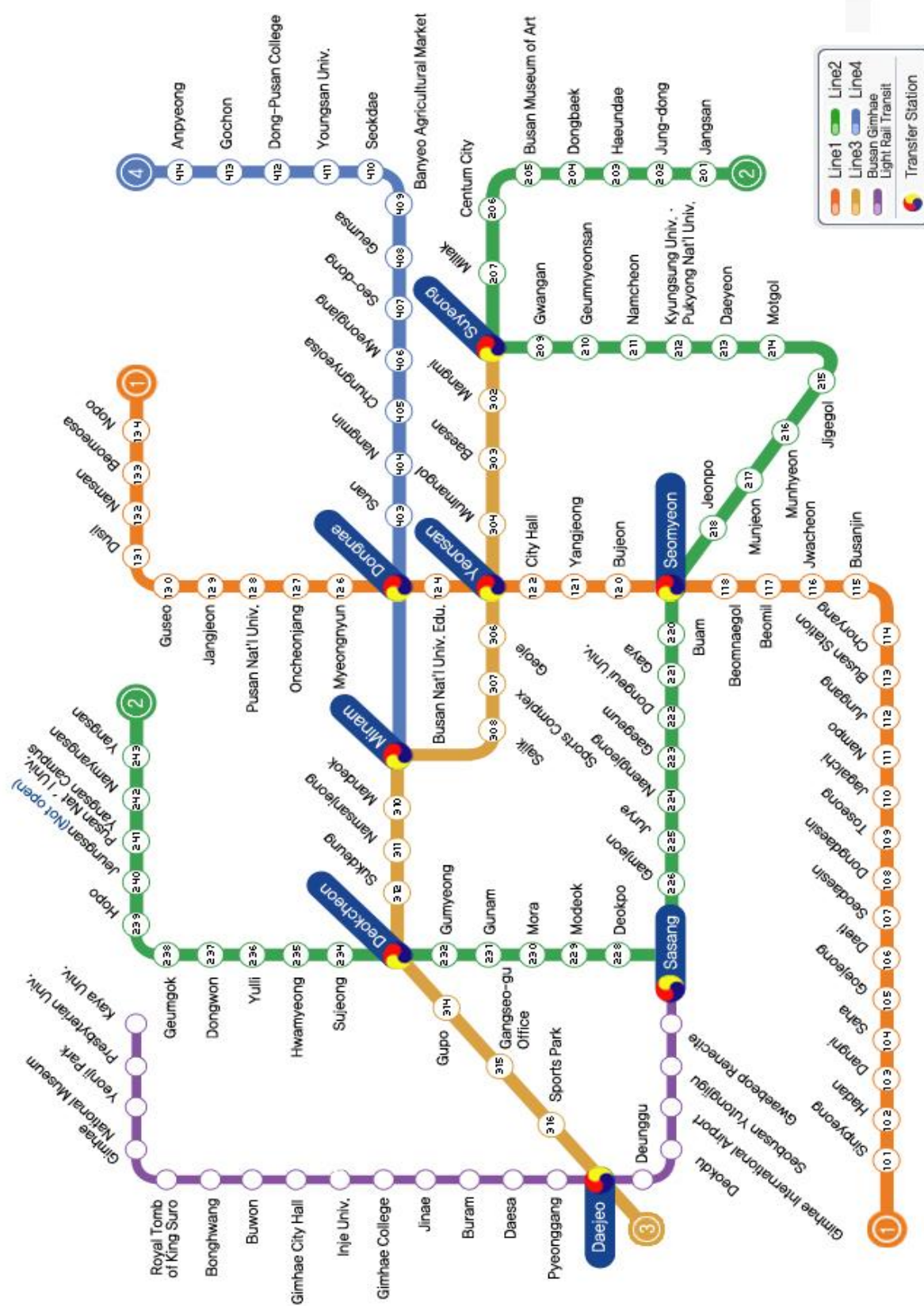
There are five libraries (the Central Library, the Engineering Library, the Architecture Library, Humanity Library and the Study Library) on the Daeyeon and Yongdang campuses and each of them is separately managed. You will be able to make full use of the libraries, such as checking availability of materials on the library computer system, photocopying, reservations and inter-library loan services. The library opens on a daily basis except Saturdays, Sundays, National Holidays and University Foundation Day. You need a student ID card to enter the library and to borrow books and other materials. Their website is <http://libweb.pknu.ac.kr> and has extensive information. You can use your ID card to borrow and extend the due date of books through website.



3) Transportation

- **Shuttle Bus:** Daeyeon Campus ↔ Yongdang Campus
- **Busan Public Transfer System**
 - Transportation card offers a transfer discount.
 - Transfer discount is available within 30 minutes of disembarkment.
 - Transfer discount is available between bus-bus, bus-metro and metro-bus.
 - There is no discount for the same numbered bus transfer.
- **Busan Metro (Subway):** Fare is based on each moveable section (January 2017)


Section	Transportation Card	General Boarding Ticket
1	KRW 1,200	KRW 1,300
2	KRW 1,400	KRW 1,500



▪ **Fares Effective of Public Bus**

(January 2017)

Type	Transportation Card	Cash
Intra-city Bus	KRW 1,200	KRW 1,300
Express Bus	KRW 1,700	KRW 1,800

Intra-city Bus (Blue)	Express Bus (Red)
	

▪ **Taxi**

- Basic rate: KRW 2,800 (within 2 km) (January 2017)
- The rate increases by distance and time.
- There is extra charge (20%) from 12 a.m. to 4 a.m.

▪ **How to get to the PKNU**

① From Gimhae International Airport

- Metro: Take [Busan Gimhae Light Rail Transit] ⇒ Get off “Sasang Station” and Transfer to [Line 2: Toward Jangsan] ⇒ Get off “Kyungsung Univ./ Pukyong Nat’l Univ. Station”

② From Busan Railroad Station (Busan KTX Station)

- Metro: Take [Line 1: Toward Nopo] ⇒ Get off “Seomyeon Station” and Transfer to [Line 2: Toward Jangsan] ⇒ Get off “Kyungsung Univ./ Pukyong Nat’l Univ. Station”
- Bus: Get on [Bus No. 27] in front of Busan Railroad Station ⇒ Get off “Pukyong Nat’l University Station”

③ From Busan West Bus Terminal (Sasang Bus Terminal)

- Metro: Take [Line 2: Toward Jangsan] ⇒ Get off “Kyungsung Univ./ Pukyong Nat’l Univ. Station”

④ From Busan Central Bus Terminal (Nopo Bus Terminal)

- Meter: Take [Line 1: Toward Sinpyeong] ⇒ Get off “Seomyeon Station” and Transfer to [Line 2: Toward Jangsan] ⇒ Get off “Kyungsung Univ./ Pukyong Nat’l Univ. Station”

4) Health Care

▪ Health Care at the PKNU

Health Clinic Center is located in the student union building, 2nd floor. The Health Clinic Center provides basic but important health services. The staffs at the Center are dedicated to providing medical services including free checkups (Hepatitis B and 22 other kinds) each semester, first aid, health consultations, medication and treatment in case of sickness or injury. Dental care and treatment is available on Tuesdays and Thursdays at a low price (Professional doctor will be in the clinic twice a week). If you would like to use the service, you need to book in advance (<http://myweb.pknu.ac.kr/health>).

▪ Local Hospital around the PKNU

Level	Medical Department	Name of Hospital	Address	Distance from PKNU (① on foot, ② by bus, ③ by tax (KRW))
General Hospital	- General Surgery - Internal Medicine - Gynecology - Urology - Dermatology - Otolaryngology - Ophthalmology - Dentistry	Good Gang-an Hospital	40-1 Namcheon-dong Suyeong-gu, Busan (Tel. 051-625-0900)	① 35 min ② 20 min ③ 9 min (3,400)
		Busan St. Mary's Medical Center	25-14, Yongho-ro 232 beon-gil, Nam-gu, Busan (Tel. 051-933-7114)	① 50 min ② 23 min ③ 11 min (4,900)
Hospital	- Internal Medicine - Neurology - Orthopedics	Busan Korea Hospital	238, Suyeon-ro, Nam-gu, Busan (Tel. 051-930-3000)	① 17 min ② 15 min ③ 5 min (2,800)
	- Internal Medicine - Orthopedics	Metro Hospital	24-5 Namcheon-dong, Suyeon-gu, Busan (Tel. 051-626-0250)	① 20 min ② 15 min ③ 5 min (2,800)
	Gynecology	Hannah Women's Hospital	304, Namcheon-dong, Suyeong-gu, Busan (Tel. 051-625-2300)	① 17 min ② 20 min ③ 6 min (2,800)
Basic Clinic	Otolaryngology	Bareun Otolaryngology	73-1, Daeyeon-dong, Nam-gu, Busan (Tel. 051-611-8558)	① 13 min ② 5 min ③ 3 min (2,800)
		Sumizi Otolaryngology	72-23, Daeyeon-dong, Nam-gu, Busan (Tel. 051-612-8058)	① 11 min ② 5 min ③ 3 min (2,800)

	Internal Medicine	Dr. Kim's Internal Medicine Clinic (KIM Bo Suk)	42-1 Namcheon-dong, Suyeong-gu, Busan (Tel. 051-626-8575)	① 21 min ② 14 min ③ 6 min (2,800)
		Jogijung Internal Medicine Clinic	73-11 Daeyeon-dong, Nam-gu, Busan (Tel. 051-257-8828)	① 12 min ② 14 min ③ 6 min (2,800)
	Dermatology	Kims Clinic	297 Suyeong-ro, Nam-gu, Busan (Tel. 051-611-9999)	① 12 min ② 5 min ③ 3 min (2,800)
	Ophthalmology	Bareunnun Eye Clinic	73-11 Daeyeon-dong, Nam-gu, Busan (Tel. 051-611-4455)	① 12 min ② 5 min ③ 3 min (2,800)
	Dentistry	Soo Boo Boo Dental Clinic	72-7 Daeyeon-dong, Nam-gu, Busan (Tel. 051-628-8020)	① 10 min ② 5 min ③ 3 min (2,800)
	Gynecology	Elle Ob & Gyn	329 Suyeong-ro, Suteong-gu, Busan (Tel. 051-626-8090)	① 20 min ② 16 min ③ 5 min (2,800)
	Urology	Shinsejong Clinic	1298-13 Daeyeon-dong, Nam-gu, Busan (Tel. 051-628-8017)	① 22 min ② 15 min ③ 7 min (2,800)

5) Global Lounge

The International Affairs Office, PKNU provides a special space for international students. The room is located on Deayon Campus, 1st floor of the Dongwon Jang Bogo Hall. International students can use the room freely for group meetings, study and discussion. There are also some books that students can read or borrow for their study. Students can watch the news from their home countries or practice their language skills with the brand new satellite broadcasting system (<http://oireng.pknu.ac.kr>).

6) Sports Facilities

There are tennis, basketball and football courts and in-door fitness centers located on Daeyeon and Yongdang Campus. The fitness centers are open to registered members only.

7) Cultural Experience Program & International Day

The Cultural Experience Program is a one-day field trip to traditional places in Korea. We offer this program once a semester. Seats are limited, so international students should be quick to apply once the notice is posted. Every semester, an International Day is organized by the staff from the International Affairs Office. International students can share not only their ideas for a better campus life at the PKNu, but also their impressions of the PKNu life through Q&A time with staffs from the International Affairs Office (<http://oireng.pknu.ac.kr>)

8) Free Korean Language Course

The Language Education Center of PKNu provides a 15-week free Korean language courses for international students and lecturers. In these courses, students will learn how to speak the Korean language, grammar, reading, and all necessary language skills for their campus life.

Part VI**SUPPORT SERVICE****1. TRAVEL TO KOREA**

KOICA arranges and pays for the participant to travel to and from Korea. The participant is to travel by the most direct route between the Incheon International Airport and a main international airport in the participant's home country. KOICA will cover economy class, round-trip airfare.

If a participant wants to change the flight itineraries, they should pay the additional airfare. The participant is responsible for the issuance of an appropriate visa (which must be the 'Study Abroad Visa [D-2]) necessary for this Scholarship Program. Should the participant be unable to get the appropriate visa before the date of entrance, KOICA is unable to provide any assistance and, if it proves necessary, participants may have to return to their respective countries to get the visa issued at their own expense.

2. EXPENSES FOR STUDY AND LIVING

The following expenses will be covered by KOICA during the participant's stay in Korea.

- * **Tuition Fee**
- * **Accommodation (mainly the dormitory of a training institute)**
- * **Living & Meal Allowance: KRW 999,000 per month (this includes meal, books and study supplies if needed.)**
- * **A medical check-up in the following year (TBD)**
- * **New group injury insurance, etc.**

In addition, participants may be invited to a special event organized by KOICA with the aim of promoting friendship among each other and understanding about Korea during the program.

3. INSURANCE

- Participants who have entered Korea have been covered by “New group injury insurance” policy in case of illness or accident.
 - ※ The insurance coverage period is from the time of arrival in Korea to the time of departure.
 - ※ We encourage you to read about the coverage of insurance and deductibles carefully.
- KOICA is encouraging the participants to get National Health Insurance, which can reduce the deductibles by up to 80%.
- Medical expenses may be expensive due to the obligation to pay these deductibles.
- Chronic disease (medical expenses for previous illness; high blood pressure, diabetes, obesity, etc.) pregnancy, and mental illness will not be reimbursed.

During the program participants will be covered by the “New group accident insurance (2)”. The insurance covers expenses for medical treatment and hospital care caused by diseases or accidents within the scope and limit of insurance coverage. Participants should first pay by themselves and then be reimbursed for the expenses later, on the condition that the case falls under the coverage of the insurance.

According to Korea’s insurance system, at least 20% of medical expenses are mandatory deductibles by law; which must be covered by the participants themselves. Therefore, we would like to recommend for those who are under medical treatment due to illness, those who need regular medical examinations, and those who are receiving outpatient treatment for tooth problems such as cavities to consult with their doctors and apply to the Master’s Degree Program after they are completely cured.

☐ **Limits of Coverage (subject to change)**

Collateral	Limits of Coverage	Note
Death	100,000,000	-
Permanent disability by accident	100,000,000	-
Hospitalization	50,000,000	Deductibles
Outpatient medical expenses	250,000/ day	Deductibles
Prescription fee	50,000/ day	Deductibles
Liability	10,000,000	KRW 200,000 Deductibles
Acute myocardial infarction treatment fee	10,000,000	Once
Stroke treatment fee	10,000,000	Once
Special terms for persons killed or wounded for a righteous cause	100,000,000	

※ Limited to cases of injury and illness

※ Medical check-up at the participant's option and the fee for a medical certificate and disease caused by pre-existing medical conditions, etc. are not covered by the insurance (Refer below to the category not covered by the insurance).

※ The insurance coverage is limited to the treatment incurred within Korea.

※ The insurance shall cover the medical expenses at actual cost within the limit of the medical insurance subscription amount per case (for details, refer to the insurance policy).

☐ **Deductibles (Outpatients and prescription fee)**

Classification	A	B	Deductibles
Clinic	KRW 10,000	20% of the cost	The larger amount between A and B
Hospital	KRW 15,000		
University Hospital, Level 3 Hospital	KRW 20,000		
Pharmacy(Prescription)	KRW 8,000		

☐ **Procedures, Services and Diseases Not Covered by the Insurance**

- Pre-existing chronic disease (disease that participants already had before arriving in Korea)
- Medical check-up, vaccination, nutritional supplements, and tonic medicines
- Dental care and oriental (Chinese) medicine: Uninsured items and prosthetic dentistry hospital treatment
- Fees for issue of certificates
- Costs that are not related to treatments and medical check-up costs that are not related to a

doctor's diagnosis.

- Orthopedics
- Equipment and consumables (e.g., wristbands and cast shoes)
- Mental disease and behavior disorder
- Congenital cerebropathy
- Herbal remedies
- Obesity
- Urinary diseases: Hematuria and urinary incontinence
- Diseases of the rectum and anus
- Tiredness and fatigue
- Freckles, hirsutism, atrichia, canities, mole, wart, pimple, and skin ailments such as hair loss due to aging
- Medical expenses caused by treatments for enhancing appearance (e.g., double-eyelid surgery)

※ Detailed information will be provided upon arrival.

☐ **National Health Insurance**

According to Korea's insurance system, at least 20% of medical expenses must be paid by participants as mandatory deductibles by law. KOICA is encouraging the participants to get National Health Insurance, which can reduce the deductibles by up to 80%. If you have an illness that you have suffered in the past, or still ill (previous illness), you are recommended to join the National Health Insurance. If you are not covered by national health insurance, high medical costs may arise.

☐ **Dentistry**

- | |
|---|
| <ul style="list-style-type: none">• Korea medical expenses of dental system disease are very expensive.• Medical expenses for dental disease are not reimbursed. |
|---|

Korean medical expenses of dental system diseases are very expensive. However, dental treatment costs are usually not covered by insurance and often exceed the cost of living. Therefore, it is recommended that you check your tooth condition beforehand and finish both tooth check-up and medical treatment before entering Korea

※ For dental care, no costs are covered by KOICA or “New group injury insurance”.

Part VII**REGULATIONS****1. ACADEMIC REGULATION****A. ATTENDANCE**

- ① No credit will be given to a student who misses more than one-third of class hours without approval.
- ② Given approval from the program chairperson in advance, the absent class hours can be exempted in the exceptional cases below;
 - Death of an immediate family member (grandparents, parents or siblings) or equivalent circumstance,
 - Academic planning, field-trips, on-location training, etc.
 - Participation in seminars or conferences as approved by the program chairperson
 - Other events as approved by the program chairperson,
- ③ In illness or emergency situations, students who are absent for less than three days need to submit written notification of such absence to the program chairperson. For absences longer than three days, students must submit a written diagnosis by a physician.

B. PKNU DORMITORY REGULATION

- ① PKNU dormitory has very strict regulations, and all students must abide by them.
- ② You must reside in the dormitory. Living off-campus is prohibited.
- ③ A student who violates dormitory regulations will be evicted from the dormitory.
- ④ Neither smoking nor drinking alcohol is allowed in the building.
- ⑤ Cooking in the dormitory is prohibited due to safety reasons. However, dormitory offers basic meals to all students during their 17 months stay.
- ⑥ If a student receives more than 5 penalty points according to the dormitory regulation, he or she will be expelled from the dormitory, and return to his or her home country.

◇ **Dormitory Restrictions and Penalty Policy** ◇

Penalty Subjects		Penalty								
Students who <ul style="list-style-type: none">Disobey the dormitory instructions or Use verbal/physical violence to the staffCause fire in the dormitorySteal or intend to steal someone's (newspaper/magazine/posted letters/parcel etc.)Stay or Let others stay in the dormitory by illegally transferring Entrance card		Permanent Expulsion from Dormitory								
Students who <ul style="list-style-type: none">Accompany outsiders inside the dormitory and provide lodgingsAccompany the opposite sex in their room without permissionGamble, get drunk, assault and make disturbance under influence (stupor, noise) in the dormitoryCook or do related activity in the room										
Students who <ul style="list-style-type: none">Smoke in the room or inside the buildingsBring in flammable objects into the dormitoryBanned objects <table><tr><th>Classification</th><th>Items</th></tr><tr><td>Flammable articles</td><td>All Types of Heaters (Electric Pads, Heat Fans, Stove, Iron, Butane gas, Thinners, Gasoline, etc.)</td></tr><tr><td>All types of cooking equipment</td><td>Electric Rice Cooker, Coffee Pot, Hot plate, Microwave, Gas burner, Oven, etc.</td></tr><tr><td>Bothersome items</td><td>Alcoholic Beverages, Pornography, Gambling Items</td></tr></table> <p>※ <i>Living Necessaries (Chargers, Hair Dryer, Electronic Shavers, etc.) are allowed.</i></p>		Classification	Items	Flammable articles	All Types of Heaters (Electric Pads, Heat Fans, Stove, Iron, Butane gas, Thinners, Gasoline, etc.)	All types of cooking equipment	Electric Rice Cooker, Coffee Pot, Hot plate, Microwave, Gas burner, Oven, etc.	Bothersome items	Alcoholic Beverages, Pornography, Gambling Items	4 points
Classification	Items									
Flammable articles	All Types of Heaters (Electric Pads, Heat Fans, Stove, Iron, Butane gas, Thinners, Gasoline, etc.)									
All types of cooking equipment	Electric Rice Cooker, Coffee Pot, Hot plate, Microwave, Gas burner, Oven, etc.									
Bothersome items	Alcoholic Beverages, Pornography, Gambling Items									
Students who <ul style="list-style-type: none">Do not use designated entrance or abet such actions<ul style="list-style-type: none">Use the exit door of cafeteria/emergency entranceTry to arbitrarily make alteration to the entrance doorAbet entrance of strangers to the dormitory or accompany strangers in the dormitory										
Students who <ul style="list-style-type: none">Violate the dormitory administrative instructions<ul style="list-style-type: none">Change the assigned rooms without the permission from administrationChecked out without returning the card keysDo not follow the instructions of the dormitory administration		3 points								

<ul style="list-style-type: none"> • Deliberately vandalize or arbitrarily change the place of public articles and in-room furniture (cleaning tools, fire extinguishers, sofa etc.) • Scribble or post unauthorized banners/placards/posters/ads without the permission from administration • Let outsiders use cafeteria by lending card keys or accompanying outsiders • Behave in a way that harms the image and reputation of the dormitory 	
<p>Students who</p> <ul style="list-style-type: none"> • Do activities that are not suitable for community life or are harmful to others <ul style="list-style-type: none"> - Making excessive noise - Bringing or breeding pets into the dormitory • Sleep outside without informing the dormitory officials • Harm the customs of the dormitory or Behave in a corresponding way <ul style="list-style-type: none"> - Spit in the dormitory area - Litter in the dormitory area - Have sexual/physical affair, Act in a way corruptive of public ethics - Smoke in the dormitory area - Do not take off shoes in the room • Disturb others while using the internet <ul style="list-style-type: none"> - Use others' IP address, spread malicious code, spread false information 	2 points
<p>Students who</p> <ul style="list-style-type: none"> • Do not keep their rooms clean and organized <ul style="list-style-type: none"> - Do not keep personal belongings organized and are negligent to the piled trash - Do not follow hygienic life by not ventilating the room regularly and keeping room cleanliness • Violate the normal curfew hours <ul style="list-style-type: none"> ※ <i>Ones who submitted explanation letters and have permission are exempted.</i> • Leave the room without turning off air conditioner, water, heater, TV, PC etc. • Be absent at orientation or official roll call without permission • Park bicycles or motorcycles in unauthorized area and breach the orders 	1 point

※ Besides the regulations above, if actions that fall under the category of violating dormitory instructions or resident is assumed irresponsible for following instructions, the Director may accept suggestion from the council and penalize.

2. PARTICIPANT'S RESPONSIBILITIES

- ☐ To take up the scholarship in the academic year for which it is offered (deferral is not allowed)
- ☐ To follow the scholarship program to the best of their ability and abide by the rules of the university and KOICA
- ☐ To reside in the accommodation designated by the university for the duration of the course except for temporary leave on the condition that the leave must be reported to the university in advance.
- ☐ To maintain an appropriate study load and achieve satisfactory academic progress for the course. If the participant fails to attain certain grades required by the university, his or her status as a KOICA program participant may be suspended and, in some cases, participant will be required to return home. In that case, the participant will not be allowed to apply for the KOICA scholarship program again.
- ☐ To participate in all activities associated with the approved course of study including all lectures and tutorials, submit all work required for the course and sit for examinations unless approved otherwise by the university in advance
- ☐ To notify the academic advisor and the KOICA-PKNU office two weeks prior to the departure by submitting the "Request for temporary leave" document. If the document is accepted, it is available to book the flight ticket. The e-ticket should also be submitted when issued.
- ☐ To advise KOICA and the university of any personal or family circumstances such as health problems or family problems which may seriously affect their study
- ☐ To refrain from engaging in political activities or any form of employment for profit or gain
- ☐ To agree to KOICA collecting information concerning them and passing that information onto other relevant parties, if necessary
- ☐ To return to their home country upon completion of their scholarship program
- ☐ Not to extend the length of their scholarship program or stay for personal convenience; neither KOICA nor the university will provide any assistance and be responsible for an extension of their stay
- ☐ To either return to their original job post or remain employed in a field related to their degree for at least 3 years.

- ☐ To recommend not to purchase personal vehicles with their allowances provided by KOICA due to safety concerns and concentration on their studies.

3. WITHDRAWALS

- ☐ In principle, a participant is **NOT** allowed to withdraw from the course at his or her own option once the course starts.
- ☐ A participant may withdraw with valid personal or relating to issues from one's home country' (such as health or work issues) when acceptable to KOICA. In this case, he or she is not allowed to re-apply for KOICA's scholarship program.
- ☐ If a participant fails to attain certain grades required by the university, he or she may be forced to withdraw and return home upon withdrawal. In this case, he or she is not allowed to re-apply for KOICA's scholarship program.
- ☐ The participant who withdraws must return the living allowance he or she has already received for the remaining period from the date of departure from Korea to the university.

4. TEMPORARY LEAVE

- ☐ Participants can have temporary leave during the school vacation (to the participants' home country) on the condition that the trip does not affect their schoolwork and as long as they notify the university in advance.
- ☐ KOICA and the university do not pay airfare for the trip and his or her living allowance will be suspended from the day of departure to the day of return during temporary leave.
- ☐ **If the participant is found to have made an unreported temporary visit to his or her home country or traveled to other countries or made a trip despite the university's disapproval, he or she may be suspended from the KOICA scholarship.**

5. ACCOMPANYING OR INVITING FAMILY

- ☐ As KOICA's Scholarship Program is a very intensive program which requires full commitment and concentrated effort for studying, **participants CAN NOT bring any family members.**
- ☐ KOICA does not provide any financial or other administrative support for the participants' family members.
- ☐ If a participant invites family members within the duration of one month, the participant must take a full responsibility related to their family members travel and to stay in Korea including administrative and financial support as well as legal matters in Korea. The participant is required to sign and submit the Written Pledge with supporting documents by acknowledging their responsibility and conditions of bringing their family members in Korea in advance. A copy of the Written Pledge is available at the KOICA-PKNU office.

6. OTHERS

- ☐ KOICA will assume any responsibility only within the limit and scope of the insurance for participants.
- ☐ KOICA is not liable for any damage or loss of the participant's personal property.
- ☐ KOICA will not assume any responsibility for illness, injury, or death of the participants arising from extracurricular activities, willful misconduct, or undisclosed pre-existing medical conditions.
- ☐ If the participants break any of the rules of KOICA and the university during their stay in Korea, their status as a KOICA program participant may be suspended.

Part VIII**CONTACTS****1. CONTACT INFORMATION****A. Korea International Cooperation Agency (KOICA)**☐ **Program Manager: Mr. Yonghwa SHIN**

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- Fax: +82-31-740-0595
- E-mail: yhs@koica.go.kr
- Homepage: <http://www.koica.go.kr>

☐ **Program Coordinator: Mr. Sang-Jun HAN**

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Appendix 1.

Brand Name of the KOICA Fellowship Program

KOICA has launched a brand-new name for the KOICA Fellowship Program in order to more effectively raise awareness about the program among the public and its partner countries.

In English, CIAT stands for Capacity Improvement and Advancement for Tomorrow and in Korean it means “seed (씨앗)” with hopes to contributing in the capacity development of individual fellows as well as the organizations and countries to which they belong.



Appendix 2.

HOW TO JOIN THE KOICA COMMUNITY

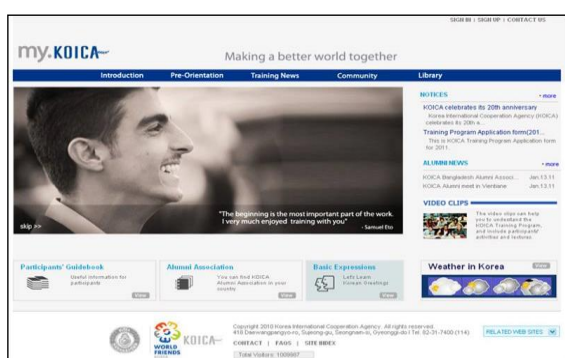
The KOICA Alumni Community (<http://training.koica.go.kr>)

KOICA offers you a chance to meet other participants of our training programs online. We are all friends here. Share your memories, experiences and feelings. Please join now! The door to the KOICA Alumni Community is open to everyone.

The KOICA Alumni Community is an online extension of the relationship and friendship formed between former and present participants. By becoming a member of the KOICA Alumni Community, you can stay in touch with your former classmates and be informed of what is happening at KOICA and the center. The Community allows alumni to update their personal information and search for other alumni in an online directory.

The KOICA FACEBOOK (<http://facebook.com/koica.icc>)

The Fellows' Facebook is a place for fellows to ask questions and write comments on KOICA fellowship programs. So, if you have questions regarding our program, please feel free to join our Facebook community.



Appendix 3.

HOW TO GET TO THE ICC

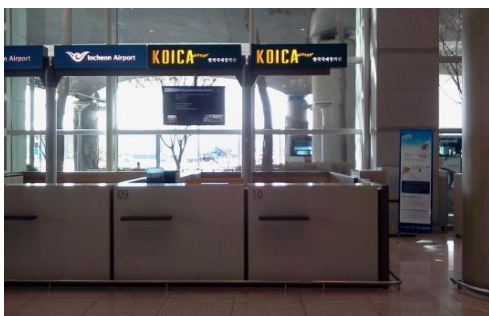
■ Route: Incheon International Airport ⇒ Korea City Airport, Logis & Terminal (CALT) ⇒ International Cooperation Center (ICC)

■ Arrival at Incheon International Airport (<http://www.airport.kr>)

Flow:

- Fill out Arrival Card (or Immigration Card), Customs Declaration Form, Quarantine Questionnaire (on board)
- Quarantine including animals and plants (on 2nd Floor)
- Present your Arrival Card, Passport and other necessary document to Passport Control
- Claim baggage on 1st Floor
- Customs Clearance
- Pass an Arrival Gate
- Go to the KOICA Counter, which is located between Exit 1 – 2

◇ **KOICA Counter at Incheon airport** ◇



- Location: Next to Exit 1 on the 1st floor (No.9 – 10)
- Tel.: +82-32-743-5904
- Mobile: +82-(0)10-9925-5901
- Contact: **Ms. Jin-Young YOON**

After passing through Customs Declaration, please go to the KOICA Counter (located between exit 1 – 2) at Incheon Airport. At the KOICA Counter, you can get detailed information about how to get to International Cooperation Center (ICC) and purchase limousine bus ticket for City Airport, Logis & Travel (CALT).

All the KOICA staff at the Incheon Airport wears nametags or has signs for indication. If you cannot meet the KOICA staff at the counter, please purchase a limousine bus ticket from the bus ticket counter (located on the 1st Floor), and go to CALT Bus Stop No. 4A (or 10B). Please find the bus number 6103 and present your ticket to the bus driver. From Incheon Airport to CALT, the approximate time for travel will be between 70 to 90 minutes. When you arrive at CALT, you will find another KOICA staff who will help you to reach the ICC. KOICA will reimburse the limousine bus fare when you arrive at ICC. Also, please be aware that there may be illegal taxis at the airport. Even if they approach you first, please do not take illegal taxis and check to see if they are KOICA staff.

◇ **KOICA Counter at CALT airport** ◇



- Location: Lounge on the 1st floor of CALT airport
- Mobile: +82-(0)10-9925-5901
- Contact: **Ms. Jin-Young YOON**

- If the limousine bus is not available due to your early or late arrival from 22:00 to 05:30.
- Please contact the ICC reception desk
(Tel. 031-777-2600 / English announcement service is available 24 hours daily)
- The staff at the ICC reception desk will let you know how to use a taxi. The taxi fare from the airport to ICC is normally 90,000 Won.

※ KOICA won't reimburse the taxi fare if you use a taxi during the hours of 05: 30 – 22:00.

■ **From Incheon International Airport to the ICC through CALT**

- Take a City Air limousine bus at bus stop No.4A on the 1st Floor. Buses run every 10 – 15 minutes between the hours of 5:30 and 22:00.
- Meet the KOICA staff at the lounge on the 1st Floor of CALT upon arrival.
- Take a car arranged by the KOICA staff to the ICC (Expected time: 20 minutes)

Please remember to read the Fellows' Guidebook.

It is available from the Korean Embassy or KOICA Overseas Office in your country and provides valuable information regarding KOICA programs, allowances, expenses, regulations, preparations for departure and etc.