

**Guidance to Students to Study at the Member Schools under the
Postgraduate (Master) Programme on Tropical Fisheries
with International Linkage (ILP)**

March 2021
ILP Governing Council

Foreword

The 'Postgraduate (Master) Programme on Tropical Fisheries with International Linkage' (ILP) is the framework which share the curriculum which is formed with characteristic subjects offered by the member postgraduate schools in Asia and provide young people with high quality education in order to produce manpower who possess the spirit to contribute to the globalising fishery industry and society.

The Programme is composed of the member postgraduate (master) schools in various countries in Asia, namely Faculty of Fisheries and Marine Science, Sam Ratulangi University (Indonesia), Faculty of Fisheries, Kagoshima University (Japan), College of Fisheries and Ocean Sciences, University of the Philippines Visayas (Philippines), Faculty of Fisheries, Kasetsart University (Thailand), Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu (Malaysia), Department of Graduate Studies, Nha Trang University (Vietnam), Faculty of Fisheries and Marine Science, IPB University (Indonesia) and College of Life Sciences, National Chiayi University (Taiwan). Students registered in the Programme at his/her home university can take subjects offered under the Programme freely at member universities, receive education with no additional cost and obtain credits. Students who satisfy the requirements set by the Programme will receive a certificate of completion of the Programme.

The rules, regulations and other information are provided by the member schools to which students belong; however, there are still unavoidable differences in higher education systems, societies and life styles from country to country. This guidebook provides students with information regarding rules, advices and other data in member schools. Students who want to study in other member schools overseas are requested to read this guidebook carefully to decide the university to study. Students are also advised to discuss sufficiently with his/her supervising professors at his/her home university.

Faculty of Fisheries and Marine Sciences, Sam Ratulangi University (SRU), Indonesia

(1) Procedures for taking subjects offered by SRU

Students who enrolled in the International Linkage University (ILP) program can select courses offered by Sam Ratulangi University (SRU) following the courses offered in a semester based on the curriculum. The students will attend the classes together with SRU's students who are involved in the ILP program. The course materials given are based on the syllabus and subject of the course. Each course will be taught by 1-2 teaching members with doctorate qualification.



(2) Recommended study pattern at SRU

The academic year in SRU starts in August and is conducted in two semesters every year (odd semester, August – January, and even semester, February – July). New student registration starts in February, followed by Indonesia National Entrance Test in July and new student registration in July as well.

For foreign students, the national entrance test is not required, but they will follow specific procedure based on the reference of Accepting University in Indonesia, after meeting all immigration requirements. Students who are involved in the ILP program who take the subject at SRU, can enter all the semester but must submit a request at least 2 months in advance in order to be prepared supervisor.

(3) Information about study at SRU

The University is the main source of scientific truth search for those who have ideas, concepts, technological innovation, and arts. The University, as repository of knowledge and intellectuality, must have explaining and predicting capabilities to find and prove the truth through scientific approach. This approach is employed to build up and develop human intellectuality in certain cultural range. At the higher level, the intellectuality aspect in line with moral and ethics determines human culture development. Therefore, the University becomes source and initiator of culture.

Sam Ratulangi University is located in Manado municipality that is geographically laid in the Rim of Pacific and it has become an important gateway to Indonesia. The 45-hectare main campus of Sam Ratulangi University is located in Manado City, about 2 km from downtown and close to Manado Bay. The campus is just 10 km away from the famous Bunaken National Marine Park, the world class ecotourism and scientific research attraction, famous for exotic coral reefs and rich marine biodiversity. Established in 1965, the university name was in honor of Dr. Saul Samuel Jacob Ratulangi, renowned throughout Indonesia, hailing from Manado, as a leader in the field of education.

SRU has 11 faculties (medicine, engineering, agriculture, animal husbandry, fisheries and marine science, economics and business, social and political sciences, law, cultural science, mathematics, basic sciences, and public health).

(3.1) Scholarship and supports

Foreign students (registered in SRU) who enrolls the ILP program in Indonesia are given



opportunities to obtain Indonesian Government Scholarship after fulfilling the specified requirements. Scholarship application can be processed one year earlier.

(3.2) Language for education

For ILP program students, English is used as a second language, and it is not required to master Bahasa Indonesia.

(3.3) Arrangements to enter Indonesia (Manado)

To enter Indonesia (Manado), visitor's visa is required. Indonesia collaborates with other countries to arrange free entrance visa to Indonesia. For those from countries without visa requirement, Visa on Arrival (VoA) can be obtained at the airport when entering Indonesia.

(3.4) Travel to SRU

Sam Ratulangi University is located in Manado Municipality (3-hour flight from Jakarta, 3-hour flight from Bali, 3-hour flight from Singapore, and 1-hour flight from Southern Philippines). Thus, foreigners who come to Manado, could come through Jakarta, Bali, or Singapore. SRU's campus is located in the middle of Manado Municipality, about 500 m from the coastal area.

(3.5) Insurance

The University does not provide student's insurance. Securing a personal insurance is advised.

(4) Life in Manado

(4.1) Faculty of Fisheries and Marine Science

Manado is located at the center of Coral Triangle region which is the center of world marine biodiversity. Faculty of Fisheries and Marine Science (FFMS) focuses on marine biodiversity exploration for exploitation and conservation interests. Researches emphasize on how important the available species are utilized for human interest through medicinal and food products.

FFMS, Sam Ratulangi University, was established in 1965 and now has 6 study programs (Fisheries Technological Product, Fisheries Resources Exploitation, Fisheries Agribusiness, Aquatic Resources Management, Aquaculture, and Marine Sciences). FFMS serves undergraduate courses (bachelor in Fisheries), master courses (Master of Science in Aquatic Sciences), and doctorate courses (Doctorate in Marine Science). To achieve the educational goals in fisheries and marine sciences, FFMS provides one center (Center of Tropical Marine Biodiversity) and 12 laboratories (Fisheries Social and Economic, Marine Biology, Marine Biomolecular and Pharmacology, Fisheries Capture Engineering, Fresh Water Bioecology, Coastal and Small Islands Management, Coastal Geomorphology, Aquaculture Engineering, Fish Health and Aquatic Toxicology, Quality Control of Fisheries Products Handling and Processing of Fisheries Product, Marine Field Station). Teaching activities are handled by professors, lecturers and assistants with various expertise in the area of fisheries and marine science.

(4.2) Accommodation

Sam Ratulangi University provides student's residence for foreign students with no charge. There are also rental house outside the campus, students can rent a small room for US\$ 100 – US\$ 125 a month, depending on room facilities.

(4.3) Cost of living

In general, meal on campus costs about IDR 25,000 to IDR 30,000 (US\$ 2-US\$ 2.5) per meal, while in the downtown restaurants, people spend US\$ 2-US\$ 3 for one meal.



SRU students dormitory

(4.4) Attention to class participants

In the classroom, students are freely involved into discussion with the lecturer and free to use computer facilities, but they should decently dress up. In the laboratory, students must put on laboratory clothes. For presentation assignment, students are supposed to have white-black dress and tie for males. Students are prohibited to smoke, turn on the music player, and wear sandals. Every student will get an internet password. With the internet access, every student will get an academic portal to be able to access the academic grades, courses, study plan, assignment, discussion with supervisor and on line real time remote class.

Faculty of Fisheries, Kagoshima University, Japan (KAGFF)

(1) Procedures at your university for taking subjects offered by KAGFF

The subject titles, professors in charge and periods of the subjects, which are offered in Faculty of Fisheries, Kagoshima University (KAGFF) under the International Linkage Programme (ILP) are listed at the website. Students joining this programme are required to communicate with the person in charge of the procedures regarding taking subjects in their home university. During the registration, a host professor responsible for them while staying in KAGFF should be appointed. However, students who cannot decide a host professor should explain their desired study field in detail (For example, ‘fisheries science’ is inadequate. The interest field should be explained in detail, such as design of fishing gear, disease control in aquaculture, participatory management of coastal fisheries, *etc.*).



(2) Recommended study pattern

The academic year starts in April in Japan. The first semester is from April to July, and the second semester is from October to February. KAGFF starts a quarter and summer-session system in the M.S. course. The first quarter (Quarter a) of each semester is the first eight weeks, and the second quarter (Quarter b), the latter half. The Summer Session starts in the week after the week including August 18 and continues for five weeks. However, all the ILP subjects are provided on the semester basis. Joining the Summer Session is easier to obtain 6 credits in a shorter period of time. Students who prefer to join the semester system are recommended to participate in Semester I (III). Because it is difficult to obtain sufficient credits in Semester II (IV), joining KAGFF during this period is not recommendable for most students, with exceptions of those who take the M.S. thesis study under their co-supervisor in Kagoshima.

(2.1) Summer session

The maximum number of credits which can be obtained during five-week stay around the Summer Session is approximately 8 units. It is recommended to take around 6 to 7 credits by taking “3 lecture subjects, 1 experimental subject and 1 open subject (8 credits)”; “2 lecture subjects, 2 experimental subjects and 1 open subject (7 credits)”; or “2 lecture subject, 1 experimental subject and 1 open subject (6 credits)”. Short-term on-board trainings can be arranged according to his/her supervisor. Joining during this period is recommended to students who prefer to study the following fields or experimental techniques mainly.

Major lecture subjects: Aquaculture, Aquatic Biology, Aquatic Bioresource Science and Technology

Major experimental subjects: Latest Analytical and Experimental Methods (Biochemistry), Latest Analytical and Experimental Methods (Basic Biology)

Short term on-board training: On-board Training in Coastal Area

(2.2) Semester I or Semester III

The maximum number of credits obtainable during Semester I or III is 8 units. This can be accomplished by taking “3 lecture subjects, 1 short term on-board training and 1 open subject (8 credits)”. Joining during this period is recommended to students who prefer to join the following fields or mainly laboratory work to study with his/her co-supervisor.

Major lecture subjects: Marketing and Management in Fisheries, Environmental and Conservation Sciences, Fisheries and Fisheries Sciences

Short term on-board training: On-board Training in Coastal Area

(2.2) Semester II or Semester IV

The maximum number of credits obtainable during Semester II or IV is 5 units, which is, however, not enough to complete the program. Subjects provided in these semesters are shown below:

Major lecture subjects: Technology, Sustainable Food and Agriculture: The Synergy

Short term on-board training: On-board Training of Oceanographic Observation, On-board Training of Resources and Measurement Techniques, On-board Training in Coastal Area

(3) Information about study at Kagoshima University

(3.1) Scholarship and supports

Students who need to apply for a scholarship should contact earlier the person in charge in their home university. KAGFF may provide some scholarship support for students joining the S.S., depending on the Japanese fiscal year. The information regarding the support plan can be obtained from the home university in advance. An annual support plan is announced around March and the confirmed scheme, May.



(3.2) Language for education

The language used for education in this Programme is English, thus learning the Japanese language prior to joining the Programme in Kagoshima is not necessary.

(3.3) Arrangements to enter Japan

The visa-issuance procedure is different, depending on countries where visitors come from. For this reason, students are required to communicate with the persons in charge of this matter at their home university. KAGFF needs additional time for supplying any certificate or relevant documents. Students joining the summer session need to complete the procedure by May.

(3.4) Travel to Kagoshima University

There are two useful gateway airports to access Kagoshima University, Kagoshima International Airport and Fukuoka International Airport. From Kagoshima Airport to downtown Kagoshima City, airport shuttle buses run every 10 minutes and it takes approximately 1 hour to the City centre. For travellers who land at Fukuoka Airport, it is recommended to proceed to Hakata railway station by subway and to catch the bullet train “*Shinkansen*” to Kagoshima Chuo station (please note that a one-way ticket for *Shinkansen* costs JPY 10,640). If the travellers land at any other international airports in Japan, the use of domestic connecting flights to Kagoshima Airport is recommended.

(3.5) Insurance

Kagoshima University does not guarantee accidents and other losses, which are not

imputable to this university, whether they are related to education or not. Students have to obtain a private insurance by themselves, or as recommended by their home university before leaving.

(4) Life in Kagoshima

(4.1) Faculty of Fisheries, Kagoshima University and Kagoshima City

Kagoshima University was established in 1949 and is the largest national university in Kagoshima City in the southern Kyushu region. The annual intake of undergraduate students is about 2,000. The University consists of nine faculties and nine graduate schools located at three campuses in Korimoto, Sakuragaoka and Shimoarata. KAGFF is located at the Shimoarata Campus and consists of the Faculty of Fisheries and a part of the Graduate School of Agriculture, Forestry and Fisheries (M.S.). The M.S. course offers three fisheries related studies: Food Innovation Science, Field Environment Science, Fisheries Resource Science.

Kagoshima City is the prefectural capital with a population of approximately 600,000. It provides modern public transportation services and is a comfortable city to live. The beautiful view of Mt. Sakurajima can be seen from almost any point in the city. Because it is an active volcano, ash fall can be experienced sometimes.

(4.2) Seasons

Because of its southern location, the weather is quite warm year-round with four seasons. In summer around August, the daytime temperature is around 32 to 34 °C, while in winter around January, it is around 5 °C, rarely dropping below zero. Spring and autumn are between the summer and winter. The climate during the Summer Session is, therefore, almost the same as the tropical environment and you can live as you do in your country. Typhoons hit occasionally mainly from July to October.

(4.3) Accommodation

Kagoshima University provides housing in its International Residence Hall (JPY 6,000-20,000/month, excluding gas, electricity) and International Guest House (JPY 50,000-60,000/month, including gas, electricity) for overseas students.

(4.4) Cost of Living

The prices in Kagoshima are comparatively affordable in comparison to other places in Japan. The payment for lunch in the faculty's cafeteria is, for example, around JPY 400. Perhaps, JPY 40,000 a month is enough for food. Most education facilities for this Programme and accommodation facilities are located at Shimoarata Campus or nearby areas, which are within walking distances. Therefore, local transportation cost is marginal.

(4.5) Attention to class participants

Suitable clothing and protective gear are required for laboratory and on-board training (lab-coat for biological and chemical experiments, and fatigues for fields' activities and on-board training). For the on-board trainings, though each participant has to prepare his/her personal items, meal(s) are cooked and provided by the training vessel staff. Participants need to pay additional fee(s) for meal(s) (JPY 1,100/day) and bed sheet cleaning (JPY 1,100/travel) if they join an overnight on-board trip. A small number of subjects charge students for travel expenses.

College of Fisheries and Ocean Sciences, University of the Philippines Visayas, Philippines (UPV)

(1) Procedures for taking subjects offered by UPV

A graduate student who is registered in any other institution with which the UP System has an existing agreement may be admitted as a non-degree student in UP Visayas. Students who enroll in UPV through the International Linkage Program (ILP) can choose subjects submitted by UPV to the ILP Governing Council. UPV shall disseminate the list of subjects, with the corresponding faculty-in-charge, to be offered in each academic year. Due to the current health pandemic, UPV may adopt remote learning for the academic year 2021-2022. Students are advised to communicate with the Dean of the College of Fisheries and Ocean Sciences to get updates on learning methodologies to be used.



(1.1) Procedures at home university

Before a student can be admitted to UPV, he/she should seek a written permit from the Dean or Registrar of his/her home university. Along with the permit, the student submits an Application Form to the Graduate Program Office of UP Visayas. The student should notify the UPV coordinator for ILP of his/her application to admission to UPV. Should a student need additional information on the subjects, he/she may directly consult the faculty-in-charge of a particular subject.

Students should inform UPV of their intention to enroll at least a month before the end of classes of the preceding semester. The total number of units taken as a non-degree student shall not exceed 9.

(1.2) Procedures at UPV

The Dean of College of Fisheries and Ocean Sciences (CFOS) shall assign a Faculty Adviser to attend to the academic requirements, registration procedures, transfer arrangements, *etc.* of the incoming foreign graduate students. As a requirement for registration, a student shall undergo a physical/medical examination in UPV's health services unit to determine his/her fitness to undertake academic work (only if there will be face-to-face classes). Every student will be given web-based academic portal accounts that will be used for enrolment, access study plan, subjects, academic grades, and perform faculty evaluations.

The registration period in UPV usually lasts for five working days. A student may be allowed to add subjects or change choice of subjects only during the registration period, upon the approval of his/her Program Adviser (from his/her home university), Faculty Adviser (from UPV) and the faculty-in-charge of the subject he/she intends to take. After the registration period, the student is not allowed to add or change subjects. Registration can be done online.

If a student wishes to discontinue attending a particular subject, he/she applies for Dropping of Subjects within a specified period. In such case, the student does not receive any grade and credit for the subject he/she dropped. At the end of the semester/trimester, the student receives a mark "Dropped" for that particular subject.

At the end of the term, the student receives his/her final score. Official transcripts shall be issued by the University Registrar subject to pertinent procedures.



(2) Recommended study pattern at UPV

The academic calendar of UPV is either in a semestral or trimestral mode. In a semestral mode, the academic year is divided into First Semester (September – December), Second Semester (February – June) and Midyear Session (June – July). Subjects are taught Mondays to Fridays.

In a trimester mode, the academic calendar is divided into First Trimester (September – December), Second Trimester (January – April), and Third Trimester (May – July). Subjects are often

taught on weekends, although some are taught on Fridays.

Most subjects are offered on a specific semester/trimester. For students who cannot stay in UPV for 5 months (*i.e.* one semester) or 4 months (*i.e.* one trimester), it is recommended that they enroll during the Midyear Session. A 3-unit subject is taught for 2 hours a day from Monday to Friday in a 5-week period.

If it is possible (upon the approval of the Dean and the assigned faculty-in-charge), a 3-unit subject may be taught in an intensive mode, *i.e.* it can be taught 4 hours a day for 12 working days.

ILP students can enroll a maximum of 9 units in a semester and/or trimester. During the Midyear Session, a student can only enroll 6 units.

(3) Information about study at UPV

(3.1) Scholarship and supports

Financial support/scholarships/grants are applicable only to Filipino students.

(3.2) Language for education

The language used for education in the Philippines is English. Students from countries where English is not the medium of instruction are advised to learn English sufficiently before attending the classes at UPV.

(3.3) Arrangements to enter the Philippines

Students are advised to communicate with the Dean of the College of Fisheries and Ocean Sciences for updates about the mode of learning to be adopted for academic year 2021-2022, considering the current health pandemic. In the event that face-to-face classes are allowed, students who will be staying in the Philippines for a long period need to acquire a student visa. It is recommended that students communicate with ILP coordinators of their home and receiving universities. UPV needs time to supply relevant documents that are needed for student visa application.

(3.4) Travel to UPV

For international travelers, Manila and Cebu Airports are the main gateways into the Philippines. Some other international flights are available in airports in Panay Island (*e.g.* Iloilo, Kalibo) although the number of flights may be limited. UPV is accessed through Iloilo Airport. From the airport, the UPV Miagao Campus can be reached through public transport (*e.g.* van, bus, local jeepneys) or taxi (which requires negotiated prices). The airport is about 20-40 min to Iloilo City. Miagao is about 60-90 minutes by car/bus/jeepney/taxi from Iloilo City.

(3.5) Insurance

UPV does not provide insurance for accidents and other losses. Students are encouraged to get insurance from private insurance companies or as recommended by their assigned university.

(4) Life in UPV and Iloilo

(4.1) University of the Philippines Visayas (UPV) and Miagao, Iloilo

UP Visayas is located in the town of Miagao, which is situated 42 km south of Iloilo City (in western central Philippines). The campus is located along the shores of southern Iloilo. The College of Fisheries and Ocean Sciences (CFOS) is the flagship college of the University of the Philippines Visayas. The CFOS has been declared as a Center of Excellence for fisheries education in the Philippines. Aside from the BS in Fisheries and PhD in Fisheries, the CFOS presently offers six graduate courses: 1) MS in Fisheries major in Fisheries Biology, 2) MS in Fisheries major in Fish Processing Technology, 3) MS in Aquaculture, 4) MS in Ocean Sciences, 5) Master of Marine Affairs, and the 6) Professional Masters in Tropical Marine Ecosystems Management (Marine Protected Areas Management).

(4.2) Seasons

Climate in the Philippines is normally dry (in February – April) and rainy (May – October). Weather is hot (maximum 32-35°C) in March to September. It is cooler (maximum 28-32°C) in November to February. Typhoons come in June to early December.

(4.3) Accommodation

UPV has dormitory facilities for both undergraduate and graduate students. Rooms are often shared with 3 other students. Dormitory rate is about US\$8 per month, excluding electricity costs. Because room availability in the Graduate Hall (Dormitory) is limited, it is suggested that students who want to stay in this dormitory should apply before the start of classes. It is recommended that students coordinate with their UPV Faculty Adviser or ILP Coordinator so that reservations could be made in advance.

Boarding houses are available outside the campus. These boarding houses are about 0.25 to 2 km from the campus and are usually accessible by foot or by local transport (tricycle; one-way fare is about US\$ 0.20). Boarding house rates range from US\$ 10 to 150 per month, depending on the facilities available. Electricity, internet, water rates may not be included in the cost. If a student wishes to stay in these boarding houses, UPV's Office of Student Affairs provides a list of accredited boarding houses that are safe and secure.

(4.4) Cost of Living

The UPV campus has two student canteens. A meal at the University canteen would normally cost about US\$ 1-2. Meals outside the campus and in Iloilo City may range from US\$ 2-5 per meal per person. Estimated cost of living is about US\$ 200-400 per month depending on the lifestyle of the individual student.

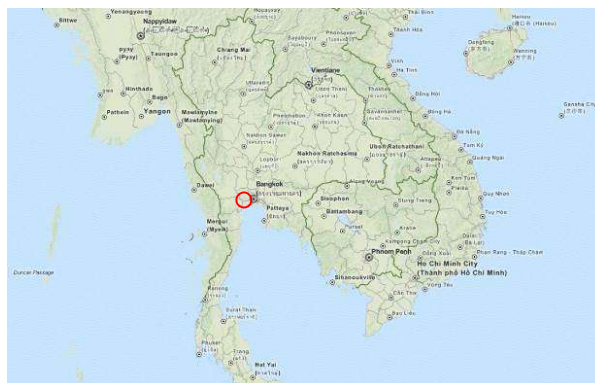
(4.5) Attention to class participants

UPV does not prescribe school uniforms (except for medical courses). In classes where laboratory experiments are performed, they are required to use laboratory gowns and other protective garments. When doing field work, suitable clothing is prescribed, especially when doing community work. If students are doing plenty of field work and will be staying for a longer period, it is the best if they take vaccines for some mosquito-borne diseases or students are advised to bring mosquito repellants.

Faculty of Fisheries, Kasetsart University, Thailand (KASET)

(1) Procedures at your university for taking subjects offered by Kasetsart University

Students who enroll the International Linkage University Program (ILP) can select subjects offered by Kasetsart University. Before registration, the ILP students who wish to take any subject offered by Kasetsart University are required to discuss with their supervisors and notify the coordinator of ILP in their home university for more details then inform the coordinator of ILP of Kasetsart University at least 45 days before for management purposes. The outlines of the subject, the professors in charge and periods of the subjects will be sent to ILP student before arriving to Kasetsart University.



(2) Recommended study pattern at Kasetsart University

Kasetsart University academic year is divided into two semesters of 15 weeks each. The first semester is from August to December and the second is from January to May. If the ILP students design to take the courses at Kasetsart University for at least 5 months in any semester, they are recommended to take 2-3 subjects which can obtain 6-9 credits (one credit hour is equal to 1 hour of lecture a week or 2-3 hours a week of practice) and they can conduct their researches under supervision at the laboratory or in the field. If the ILP students intend to take the intensive course, they are recommended to contact the ILP coordinator at their home university for cooperative planning.

(3) Information about study at Kasetsart University

(3.1) Scholarship and supports

Students who need to apply for a scholarship should contact early the person in charge in their home university. This information can be obtained in the assigned university in advance.

(3.2) Language for education

The language used for education is English, however, prior learning of Thai language promotes the understanding of people, custom and convenience for communication in Thailand.

(3.3) Arrangements to enter Thailand

The issuance of visas is different depending on countries where visitors come from and the period of stay. The students are required to communicate with the persons in charge of this matter at their home university.

(3.4) Travel: transportation to Kasetsart University

If students arrive at the Suvarnabhumi International Airport, there are two ways from the airport to Kasetsart University.

a. Airport Public Taxi or Cap Service

Registered taxi is available at the platform of passenger terminal on the 1st floor (near Gate 4 and Gate 7). The registration fee of THB 50 is charged in addition to the normal taxi fare. It usually takes 45 to 90 minutes from the Suvarnabhumi Airport to Kasetsart University depending on the traffic. If you take the highway, the toll fee will cost you THB 45 to 70 depending on the route. Totally, this should be around THB 500 per trip depending on the



traffic.

b. Airport Rail Link

Students can take the Airport Rail Link (city line) at the Suvarnabhumi Airport Station, located at the basement of passenger terminal building. At Phaya Thai Station (N2), change to Sky Train heading to Kasetsart University Station (N13). Or at Phaya Thai Station, take a taxi straight to Kasetsart University

with the fare around THB 250. More information on public Sky Train and railway services can be found at these links:

<http://airportraillink.railway.co.th/en/> and
<http://www.bts.co.th/customer/en/>.

If students arrive at Don Mueng International Airport, the Airport Public Taxi or Cap Service is the best way. Registered taxi is available at the platform of passenger terminal. The registration fee of THB 50 is charged in addition to the normal taxi fare. It usually takes 30-45 minutes from the Don Mueng Airport to Kasetsart University depending on the traffic. Totally, this should be around THB 250 per trip depending on the traffic.

(3.5) Insurance

Kasetsart University does not guarantee accidents and other losses, which are not imputable to this university, whether they are related to education or not. Students have to join a private insurance by themselves, or as recommended by their home university before leaving. However, the university provide infirmary for students and the building is nearby the International Student Dormitory.

(4) Life in Kasetsart University

(4.1) Faculty of Fisheries, Kasetsart University

Kasetsart University (or Maha Witthayalai Kasetsat), the first agricultural public university in Thailand since 1943, has operated the subject areas to cover science, health science, veterinary medicine, arts, social sciences, humanities, education, engineering, and architecture. Kasetsart University has four campuses throughout Thailand which consist of 28 faculties including 2 colleges and 2 institutions offering 373 teaching courses and 38 programs. The enrollment is over 58,000, placing Kasetsart among the top largest universities in Thailand. Bang Khen Campus is the original and main campus (area of 135 hectares) situated in the lower part of the northern zone of Bangkok around 6 kilometers distant from Don Mueang International Airport.

Faculty of Fisheries was established as one of the first four faculties of Kasetsart University in 1943. Five departments, including Aquaculture, Fishery Biology, Fishery Management, Fishery Product and Marine Science, were organized to fulfill the knowledge of fishery. We pioneered fisheries degree programs both undergraduate and postgraduate levels well-known in Thailand and serve more than 2,500 students a year. The international undergraduate and postgraduate programs are offered to provide students with knowledge and research base to learn integrated fisheries and aquatic science. There are four Fisheries Research Stations (FRS) in the provinces strategically allocated to support learning, training and researches in different fields; namely Sriracha FRS in Chonburi Province, focussing on mussel culture, larval feed,

marine environment and ecology and fishing technology, Klongwan FRS in Prachuab Khirikhan Province, on hatchery and intensive culture of prawns, crabs and sea bass and mangrove ecology, Kamphaengsan FRS in Nakhon Pathom Province, on freshwater ecology and aquaculture, and Samutsongkhram FRS in Samutsongkhram Province, on hatchery, coastal intensive aquaculture and mudflat/mangrove ecology, together with Andaman Coastal Research Center for Development in Ranong Province. For studying, buildings and facilities are located in mainly Bangkok (Bangkok) and also distributed in Kamphaengsaen Campus including the research stations outside the campuses.

(4.2) Accommodation

Kasetsart University provides the International student dormitory located at the center of university. The accommodation fee is THB 4,000-6,000 per month depending on the room type. The water is free but the electricity will be THB 7 per unit used. Air condition, wifi and washing machine are provided.

(4.3) Cost of Living

The cost of living depends on the needs of the life style of the individual student. Estimated costs of living is about THB 7,000-10,000 per month, not including accommodation. The payment for lunch in the university's cafeteria is around THB 50. Many types of food are provided including Muslim food and prayer room.

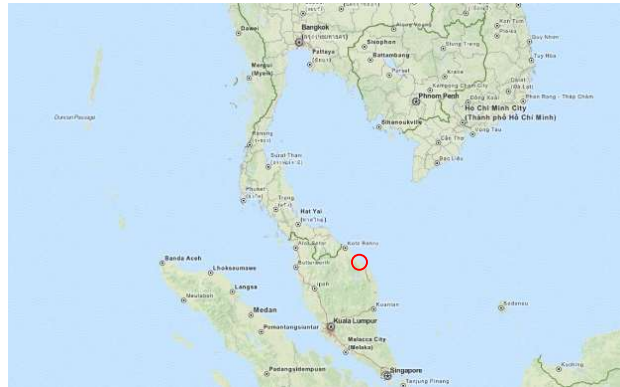
(4.4) Attention to class participants

All undergraduate students are required to wear KU uniforms in all official events, activities and during classes. Graduate students do not need to wear a uniform but please be advised to dress modestly when you come to your class. Sleeveless tops, short pants and skirts are inappropriate outfits inside the campus.

Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu, Malaysia (UMT)

(1) Procedures for taking subjects offered by UMT

Procedures for taking subjects offered by UMT are divided into two parts. The first part is the procedure to be taken while the students are still at their home university. Another procedure is when the students arrived at UMT.



(1.1) Procedure at home university

Prior to the start of a semester, UMT will disseminate the information on the subjects to be offered including the person-in-charge (normally the lecturer) of the subjects. This announcement will be made through ILP Governing Council and the programme coordinator for each university. Students who wish to take any subject offered at UMT are required to notify the coordinator of ILP of UMT for confirmation. Should the students need additional information on the subjects, direct consultation with the person-in-charge (professor / lecturer) of the particular subjects is recommended before proceeding with pre-registration.

(1.2) Procedure at UMT

In UMT, the students are required to register at UMT's Postgraduate Management Centre within 1 week of the arrival. Within that 1-week period, students are also requested to register the selected subjects that have previously pre-registered at home university.

(2) Recommended study pattern at UMT

Graduate programmes under coursework structure in UMT are based on semester system which starts in September each year. However, the ILP's Programme Subjects are offered as intensive courses over a period of 2 to 5 weeks. The recommended periods for ILP students to come to UMT are as follows:

- i. **March to April** - Recommended for all ILP students.
This is during the beginning of Semester II in UMT. All subjects are offered.
- ii. **June to July** - Recommended for students from Kagoshima University.
This period is during a long semester break. All subjects are offered.
- iii. **October to November** - Recommended for all ILP students.
This is during the beginning of Semester I in UMT. All subjects are offered.

These recommended periods are arranged to suit with UMT's academic calendar. However, should the students need to come to UMT outside or longer than these recommended periods, they are welcome to do so.



(3) Information about study at UMT

(3.1) Scholarship and supports

Students who required a scholarship should contact and make the arrangement with their home university. UMT and other bodies in Malaysia do not normally provide a scholarship to the international students who come for

a short duration of study. However, should this available, the information will be circulated to all the coordinators in each university.

(3.2) Language for education

The official language for postgraduate studies is English, and this language can be conveniently used in the campus for all means of work or affair. However, learning basic Malay would be an advantage when communicating with local residents. In addition to English, there are several other languages used (although only among very few people) in UMT such as Japanese, Arabic and Mandarin as these languages are formally taught in UMT.

(3.3) Arrangements to enter Malaysia

Students are advised to obtain a visa before entering Malaysia. The requirement for visa is different, depending on the countries where students come from. Students are, therefore, recommended to contact the Malaysian Embassy in the home country or UMT's International Office for the enquiries related to this matter. Application for visa should be made at the nearest Malaysian Mission in your country of origin. In countries where there is no Malaysian Mission, application should be made at the British High Commission/Embassy. To apply for a visa, the following documents are required:

- i. Valid passport – Validity of passport not less than 6 months
- ii. Form IM.47 (3 copies)
- iii. Three (3) passport sized photographs
- iv. Airline ticket to Malaysia
- v. Proof of sufficient funds
- vi. The Admission offer letter

vii. The UMT's Visa Application Recommendation Letter or the Approval Letter by the Immigration Department of Malaysia for foreign student to study in Malaysia. (The original letter must be presented to the Graduate School for your registration as a student).

(3.4) Travel to UMT

UMT is located just 10 km from the airport (Sultan Mahmud International Airport). The recommended international route for travel is via Kuala Lumpur. Depending on the airlines, students may travel to the Sultan Mahmud International Airport from Kuala Lumpur International Airport (KLIA) or Kuala Lumpur International Airport 2 (KLIA2).

(3.5) Insurance

Insurance is compulsory to all students. Student should make his/her own arrangement for an insurance. UMT provides a general insurance for each student which cost MYR 200 (approx. USD45) which covers the accident occurred during academic activities only. In addition, UMT also provides health service for students at university's Health Centre inside the campus.

(4) Life in Kuala Terengganu

(4.1) Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu (UMT) and Kuala Terengganu

UMT is located in the city of Kuala Terengganu, Terengganu. This city is situated on the east coast of Peninsular Malaysia and is approximately 400 km away from Kuala Lumpur. Universiti Malaysia Terengganu was established in 1979 as the Center for Fisheries and Marine Science of University Putra Malaysia (one of Malaysia's oldest universities). In 2001, UMT (at that time known as University College of Terengganu) was given autonomy by Malaysian government. After several status and name changes, it was given a full-fledged university on the 1st February 2007 and known as Universiti Malaysia Terengganu. UMT consists of 8 faculties which offer various disciplines of study focusing on aquatic sciences and resource sustainability to comply with UMT's niche areas.

The Faculty of Fisheries and Food Science offers various levels of fisheries and aquaculture programmes which combine science, technology, management and entrepreneurship. These programmes are Diploma in Fisheries, Bachelor of Science in Fisheries, Bachelor of Science in Aquaculture, Master of Science in Aquaculture and Master of Science in Tropical Fisheries. In addition, the research programmes at Master and Doctorate levels are also offered.

Kuala Terengganu is the royal and administrative capital of the state of Terengganu. Although it is the smallest district in Terengganu, this city is the most populated with a population over 340,000. It is a diverse and multiracial city and is famous for its beautiful beaches. This town is characterised by a strong Malay culture, laid-back lifestyle, tranquil coastal towns and rustic villages. Its calm yet unique environment makes it as the perfect place to study and get new experiences.

(4.2) Seasons

In terms of weather, this city is fairly similar to other places in Peninsular Malaysia with average temperature of 30°C throughout the year. This city is, however, affected by North-East Monsoon season which brings strong wind and torrential rains, between November to February.

(4.3) Accommodation

UMT has no permanent vacancy of the accommodation for students. However, the arrangement for hostel and university-managed accommodation can be made via the coordinator of this programme. There are also many rental houses nearby the campus with the price between MYR 500-MYR 1,000 per month. It is advised to keep in mind that some of the rental houses are not furnished and the rent does not include the utility bills (average combination of electricity and water bills is MYR 60 per house of 6 residents).

(4.4) Cost of Living

Students are expected to spend an average of MYR 6 per meal inside the campus, and the price may be slightly different outside the campus. The cost of living depends very much on the needs of the lifestyle of the individual students. Students should have adequate funds to cover living expenses, clothing, books, travelling and others. The estimate cost of living is about MYR 700 – MYR 1,000 per month not including accommodation.

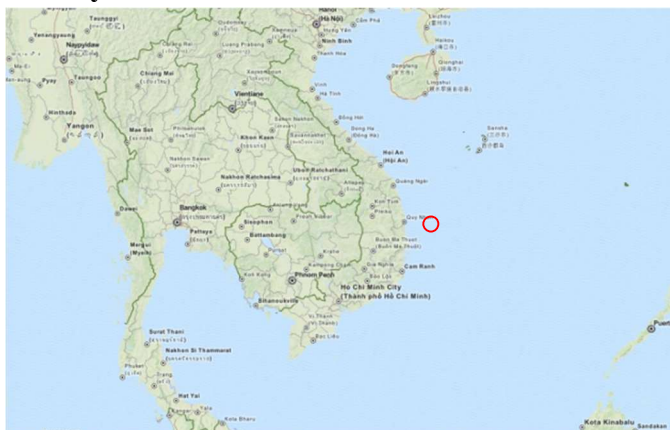
(4.5) Attention to class participants

Students are advised to wear reasonably well-mannered clothes while in campus and the nearby town. Suitable and protective clothing that comply with health and safety standards are to be worn during laboratory and field work.

Department of Graduate Studies, Nha Trang University (NTU), Vietnam

(1) Procedures for taking subjects offered by NTU

Candidates who have enrolled in the International Linkage University (ILP) program at Nha Trang University (NTU) need to follow the procedures published on the NTU website. Prior to the start of each semester, NTU will announce the subjects to be offered and any relevant information related to students' learning (i.e. lecturers, schedules, syllabi etc.). This announcement will be posted on the NTU website and sent to the program



coordinators at each partner university in the ILP network. Students who wish to take any subjects are required to notify the ILP coordinators at NTU for confirmation. During the registration process, before making a decision, students are recommended to contact the person who is in charge of each particular subject for direct consultation.

(2) Recommended study pattern at NTU

The academic year at NTU starts in September. The first semester is from September to February, the second semester is from March to July, and the summer semester is in August. ILP students from the member schools can choose the subjects offered in any semester but must submit a request at least 2 months in advance for planning. Students can take 03 subjects at NTU to get 06 credits or more as they wish. In some cases, we can adjust to offer a subject which is not scheduled for the given semester if the students request. If the ILP students intend to take a short-term internship at NTU or conduct studies for their theses, they are recommended to contact the ILP coordinator of his/her schools for cooperative planning.

(3) Information about study at NTU

Established since 1959, Nha Trang University is one of the best choices for students in Vietnam, especially for studies in fisheries. Our Campus overlooks Vietnam's most beautiful bay – Nha Trang Bay. With more than 60 years of history, Nha Trang University has become a prestigious multi-disciplinary and multi-level institution with a strong foundation of fisheries and aquaculture. It has been and continues to be a leading university in the field of fisheries and aquaculture science, playing a significant role in driving the development of marine economy in Vietnam as well as generating the necessary human resources for other sectors.

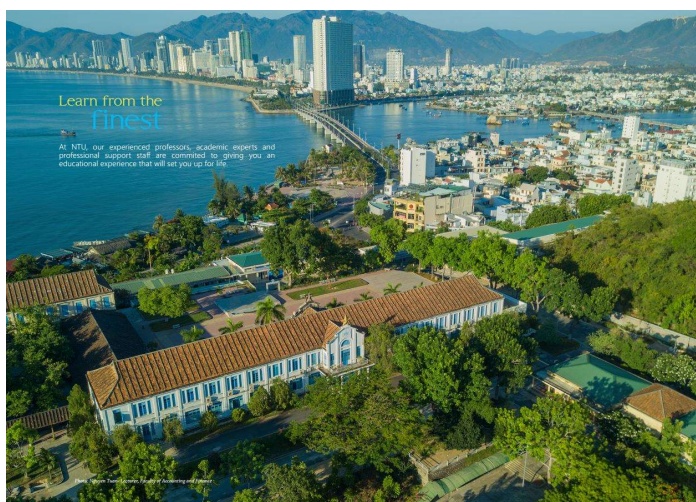
Nha Trang University is one of the first 20 higher education institutions of Vietnam that were accredited by the National Quality Accreditation Council in the year 2009. In 2018, NTU was recognized the 2nd certificate of institutional accreditation. Currently Nha Trang University is offering nine doctoral programs, 15 master's degrees, 36 undergraduate majors. It has a consistent enrolment of more than 3,500 new students annually. The total number of students is approximately 15,000. The university now has a staff body of over 700 members with over 150 doctors and 300 masters, among those over 40% obtained their degrees in developed countries. The school constantly expands the scale of training, upgrades infrastructure, improves innovation programs, updates teaching and learning methods to become an applied oriented university, and ultimately a research oriented university in the near future.

(3.1) Scholarship and supports

Foreign students who enroll in the ILP program at NTU are eligible to apply for scholarships offered by the university. Request for specific information can be made to the Department of External Cooperation.

Foreign students might be eligible to obtain Vietnamese Government Scholarships according to specific agreement between the Government of Vietnam and its Partners. Scholarship applications can be accessed on the website: <http://vied.vn/index.php?lang=vn#>, or

contact the Department of External Cooperation at dea@ntu.edu.vn for further assistance.



(3.2) Language for education

For ILP program students, English is the language used for the entire program. However, learning basic Vietnamese could be an advantage when communicating with local people.

(3.3) Arrangements to enter Vietnam (Nha Trang)

To enter Vietnam (Nha Trang city), a student visa (DH type) is required. Prospective students should apply for a visa at a Vietnamese Embassy/nearest Embassies or Consulate in their home country before coming to Vietnam.

To get DH type visa, a student is required to provide Nha Trang University staff with the information documented in their passport. Upon receipt of the application form, NTU will make a request to the Department of Immigration of the Ministry of Public Security to issue a visa code. The Department of Immigration will fax a visa code to the Vietnamese Embassies. When this is complete, students may go to the Embassy of Vietnam in their country to apply for a visa.

Visa fees:

+ Single entry (maximum 3 months): US\$ 25

+ Multiple entry (maximum 3 months): US\$ 50

Please contact the Department of External Affairs (dea@ntu.edu.vn) to get an application form and further assistance.

(3.4) Travel to NTU

NTU is located in Nha Trang city, the capital city of Khanh Hoa province. Nha Trang is 1,250 km from Hanoi and 450 km from Ho Chi Minh city. Students can reach Nha Trang either by planes (Cam Ranh International Airport), train, bus or car. There are direct flights to Vietnam from many countries including Japan, Thailand, Indonesia, Malaysia, and the Philippines. Shuttle buses run every 30 minutes from Cam Ranh International Airport to downtown of Nha Trang city, and it takes about 45 minutes to Nha Trang University. Taxi cost from the airport to NTU is about US\$ 16.

(3.5) Insurance

Comprehensive healthcare insurance is compulsory for students during their stay in Vietnam in case unexpected accidents or illnesses. The Department of External Cooperation will help students to purchase the insurance.

- + Three to six-month insurance: US\$ 97
- + One-year insurance: US\$ 161

(4) Life in Nha Trang city

(4.1) Climate

Overall, Nha Trang city has a tropical savanna climate. The weather is mild year-round with the average temperature of 26°C. There are 2 seasons: a short wet season and a longer dry season. The wet season usually starts in September and ends in December. The rain isn't too heavy and usually lasts a few hours a day. Thanks to the favorable geographical location with lots of surrounding islands, there are few storms and no natural disasters. Generally, thanks to Nha Trang's warm and comfortable weather, it is a desirable destination for tourism as well as for living.

(4.2) Accommodation

NTU has 10 dormitory buildings with 1,000 rooms, housing over 5,000 students. All dormitories are well-equipped and located inside the main campus. Students can reach dormitories by walking from any of the buildings on campus. The campus also has subsidiary facilities such as cafeterias, laundry rooms, study room, indoor and outdoor stadium and gymnasium, a table tennis room, and common rooms, Wifi and Internet are provided freely in all dormitories and buildings in the campus.

The University also has a dormitory specifically for foreign students. Students can stay alone or share with other students. Because room availability in the dormitory for foreign students is limited, it is suggested that students who want to stay in a dormitory apply before the commencement of classes. There are two types of rooms: ¥rooms with air-conditioner costs US\$ 124/ month and, rooms without air-conditioner costs US\$ 88.5/ month.

(4.3) Cost of living

Besides the cost of the above accommodation, daily meals cost about 1.5 USD/meal. Students can get around the city by bus at a cost of 0.50 USD. Expenses for studying materials such as books, notebooks and handouts are usually spent in the beginning of each semester (around 25 USD/semester). Generally, personal expenses range from 200 to 400 USD per month.

(4.4) Some major codes of conduct for students

All students are required to follow the regulations issued by Nha Trang University. Students are free to wear casual clothes, but they are required to dress conservatively in the class or while in campus. Students are advised to return to their dormitory before 11:00 PM as the main gate will be locked at that time. In the dormitory for foreign students, a fully equipped shared kitchen is available, and as such, students can cook by themselves. Students are advised to be careful when walking on the streets and do not bring valuable things, especially at night.

Faculty of Fisheries and Marine Sciences, IPB University (IPB), Indonesia

(1) Procedures for taking subjects offered by IPB

Students who enrolled in ILP can select courses offered by IPB University (IPB) following the courses offered in a semester based on the curriculum. The students will attend the classes together with IPB's students who are involved in the ILP program. The course materials given are based on the syllabus and subject of the course.



(2) Recommended study pattern at IPB

The academic year in IPB starts in August and is conducted in two semesters every year (odd semester, August – January, and even semester, February – July). Students who are involved in the ILP program who take the subject at IPB University, can enter all the semester but must submit a request at least 2 months (June or January) in advance in order to prepare the supervisor for the enrolled students

(3) Information about study at IPB

Bogor Agricultural University was established to be a center of excellence in agriculture (in a broad perspective) and promote scientific research benefiting the future of mankind. Bogor Agricultural University, it is rebranding as IPB University in 2019, is one of national's foremost institutions of higher education in Indonesia, well-known not only for its remarkable diverse range of subjects, but also for its research-led teaching and outstanding scientific environment.



IPB University, Bogor, Indonesia, comprises of 9 faculties and 3 schools offering 48 Doctoral study programs, 79 Master study programs, 39 Undergraduate study programs, and 17 vocational programs. The university has more than 21 Research Centers, and Advanced Laboratory, University Farm, Animal Teaching Hospital, Student Dormitory, Library and other university support facilities. Such resources and

facilities enable IPB University to provide students with opportunities to devote themselves to research activities, to experience the joy of encountering new knowledge, to communicate with others who share the same passion of learning, and to find the joy of working with their peers to broaden their horizons. Our university is therefore most suitable for those seeking to further their learning.

(3.1) Scholarship and supports

Partial scholarship for selected students may be available.

(3.2) Language for education

The language used for education in this Programme is English, thus learning the Bahasa Indonesia language prior to joining the Programme in IPB University is not necessary.

(3.3) Arrangements to enter Indonesia (Bogor)

To enter Indonesia (Bogor), visitor's visa is required. Indonesia collaborates with other countries to arrange free entrance visa to Indonesia. For those from countries without visa requirement, Visa on Arrival (VoA) can be obtained at the airport when entering Indonesia.

(3.4) Travel to IPB

IPB University is located in Bogor city (60 km from Jakarta). Faculty of Fisheries and Marine Science (FFMS) is part of main campus and located in Darmaga, as known IPB Campus Darmaga. It's about 11 km west Bogor municipal area. From Soekarno-Hatta Airport, Jakarta, student can take Damri Bus (public transportation) to Bogor with bus fee about US\$ 7, then take public transportation to IPB Darmaga Campus.

(3.5) Insurance

IPB University does not guarantee accidents and other losses, which are not imputable to this university, whether they are related to education or not. Students have to join a private insurance by themselves, or as recommended by their home university before leaving. However, the university provide polyclinic for students, if they need health care and basic medical treatment. The polyclinic's building is beside the International Student Dormitory

(4) Life in Bogor

(4.1) Faculty of Fisheries and Marine Sciences (FFMS)

Faculty of Fisheries and Marine Science, IPB University was established in 1963 and located in the main campus IPB Campus Darmaga, Bogor. FFMS has research and education mandates for strengthening position on development of tropical fisheries, marine and maritime studies. FFMS, IPB University now has 5 departments (Aquaculture, Aquatic Resource Management, Aquatic Product Technology, Fisheries Resource Utilization, and Marine Science and Technology). FFMS serves 5 undergraduate study programs and 7 graduate study programs (master study programs and doctoral study programs). Graduate study programs in FFMS are Aquaculture Sciences, Aquatic Resources Management, Coastal and Marine Resources Management, Aquatic Product Technology, Marine Fisheries Technology, Marine Sciences, and Marine Technology.

To achieve the educational goals in fisheries and marine sciences, FFMS provides one center (Research Center of Excellent- Enhancing Marine Biodiversity Research in Indonesia, EMBRIO), one integrated laboratory, and 3 reseach stations outside in campus. The research stations are located in Darmaga, Bogor; Ancol, Jakarta Bay; and Palabuhan Ratu Bay, Sukabumi. Teaching activities are handled by professors, associate professors, assistant professors, lecturers and assistants with various expertise in the area of fisheries and marine sciences.

(4.2) Accommodation

IPB University has dormitory facilities International Student Dormitory. Dormitory rate is about USD 20 per month. Because dormitory room availability is limited, it is suggested that students who want to stay in this dormitory should apply before the start of classes. It is

recommended that students coordinate with their IPB Faculty Adviser or ILP Coordinator so that reservations could be made in advance. There are also rental house outside the campus, students can rent a small room for USD 100 – USD 125 a month, depending on room facilities.

(4.3) Cost of living

The cost of living depends on the needs of the life style of the individual student. Estimated costs of living is about IDR 1,000,000-2,000,000 per month, not including accommodation. In general, meal on campus costs about IDR 15,000 to IDR 25,000 or USD 1.5-2 per meal, while in the downtown restaurants, people may spend USD 3-5 for one meal.

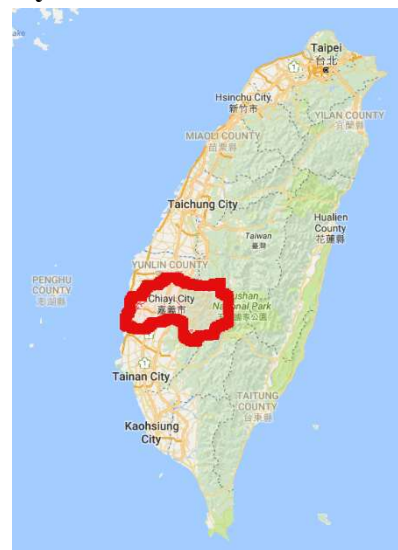
(4.4) Attention to class participants

In daily campus life, dress is upscale casual as students usually wear slacks, shirts, pants, and blouses. Dress with something that is well covered. Shorts, no-sleeve t-shirt, and mini skirt are not appropriate. Wearing sandals are considered unappropriated as well when you meet lecturers and attending classes. In Indonesia, you might see some women (Muslims) wear veil which covering their hair in daily. For some formal occasions, you can use batik shirt for your formal dress. In the laboratory, students must put on laboratory clothes. Students are also prohibited to smoke in around campus, illegal parking, and making noise. Every enrolled student will get an internet passwords.

College of Life Science, National Chiayi University (NCYU), Taiwan

(1) Procedures at your university for taking subjects offered by NCYU

Students who enrolled in Postgraduate (Master) Programme on Tropical Fisheries with International Linkage (ILP) select courses listed at the website offered by National Chiayi University (NCYU). The students will attend the classes together with NCYU's students who are involved in the ILP program. The course materials given are based on the syllabus and subject of the course.



(2) Recommended study pattern at NCYU

The academic year in NCYU starts in August and is conducted in two semesters every year (1st semester, August – January, and 2nd semester, February – July). New student registration starts in September. Students who are involved in ILP and take the subject at NCYU, can enter all the semester or take Summer Course which is prepared for ILP by College of Life Science, NCYU. The Summer Session starts in the first week of July and continues for 1 month. For students who cannot stay in NCYU for one semester (18 weeks), it is recommended that they enroll during Summer Session. 6-unit subjects will be taught for 6-8 hours a day from Monday to Friday in a month period.

(3) Information about study at NCYU

(3.1) NCYU

National Chiayi University (NCYU) was established on February 1, 2000, by merging the previous National Chiayi Teachers College (NCTC) and the previous National Chiayi Institute of Technology (NCIT). The establishment of NCYU is not only the first successful integration of higher education institutions in Taiwan but also the oldest and largest comprehensive University in the Yunlin-Chiayi area. NCYU now has seven colleges (Teachers College, College of Humanities and Arts, College of Management, College of Agriculture, College of Science and Engineering, College of Life Sciences, and College of Veterinary Medicine). In the academic year of 2020, the University offers 39 undergraduate programs, 12 in-service undergraduate programs, 39 master programs, 14 in-service master programs (including EMBA), and seven doctoral programs. NCYU is comprised of four campuses and a practicum forest, with a total land area of 292.53 hectares (including the 117.02-hectare practicum forest). The four campuses include the Lantan Campus, Minsyong Campus, Sinmin Campus, and Linsen Campus. Lantan Campus (136.2 hectares), where the administrative headquarters is located, is situated between two famous scenic areas, Lantan Reservoir and Renyitan Reservoir. College of Life Sciences is located at the Lantan Campus and consists of Department of Food Sciences, Department of Aquatic Biosciences, Department of Biological Resources, Department of Biochemical Science and Technology and Department of Microbiology, Immunology, and Biopharmaceuticals. Teaching activities are handled by professors with various expertise in the area of marine



science and related biotechnology.

(3.2) Scholarship and supports

Students who need to apply for a scholarship should contact earlier the person in charge in their home university. NCYU may provide some scholarship support for students joining the summer session. The information regarding the support plan can be obtained from the home university in advance. An annual support plan is announced around January.

(3.3) Language for ILP courses

The courses in ILP are taught in English. However, knowing a few basic Chinese words can help you to communicate with people, grocery shopping and travelling in Taiwan.

(3.4) Arrangements to enter Taiwan

The visa-issuance procedure is different, depending on countries where visitors come from. For this reason, students are required to communicate with the persons in charge of this matter at their home university. NCYU will supply any certificate or relevant documents for your visa application. Students joining the summer session is better complete the procedure 1 month in advance.

(3.5) Travel to Lantan campus of NCYU

Lantan campus of NCYU is located in Chiayi City, south west of Taiwan. Thus, foreigners who come to Chiayi city, could come through Taoyuan or Kaohsiung international airport, Taiwan. If the travellers land at Taoyuan Airports, they can take MRT from Terminal 1 (A12) or Terminal 2 (A13) to Taoyuan high speed rail station (A18). It will take about 15-20 min and cost \$25 NTD for one way. Then, travelers could transport from Taoyuan to Chiayi by Taiwan high speed rail (1 hour to 1hour 20 min). It will cost \$920 NT for one way. If the travellers land at Kaohsiung Airports, they can take MRT from the airport (R4) to Zuoying high speed rail station (R16). It will take around 28 min and cost \$50 NTD for one way. Then, travelers could transport from Zuoying to Chiayi by Taiwan high speed rail (30min). It will cost \$410 NT for one way. From Chiayi high speed rail station to Chiayi City, shuttle buses run every 15-20 minutes and it takes about 30-45 minutes to the City centre.

[Direction to NCYU](#)

(3.6) Health Insurance

Students can apply international student's medical coverage insurance (\$500 NTD per month) in NCYU but the process will take 2-3 business days after the students arrive NCYU. Securing a personal insurance is advised. Students should join a private insurance by themselves, or as recommended by their home university before leaving.

(4) Life in Chiayi City

(4.1) Chiayi City

Chiayi city is best known as the access point of the scenic mountain area of Alishan. Alishan is one of Taiwan's most popular attractions. It is famous for its sunrises over seas of clouds, misty forests, and high mountain teas. The best way to travel Alishan is taking Alishan Forest Railway from Chiayi train station.

(4.2) Seasons

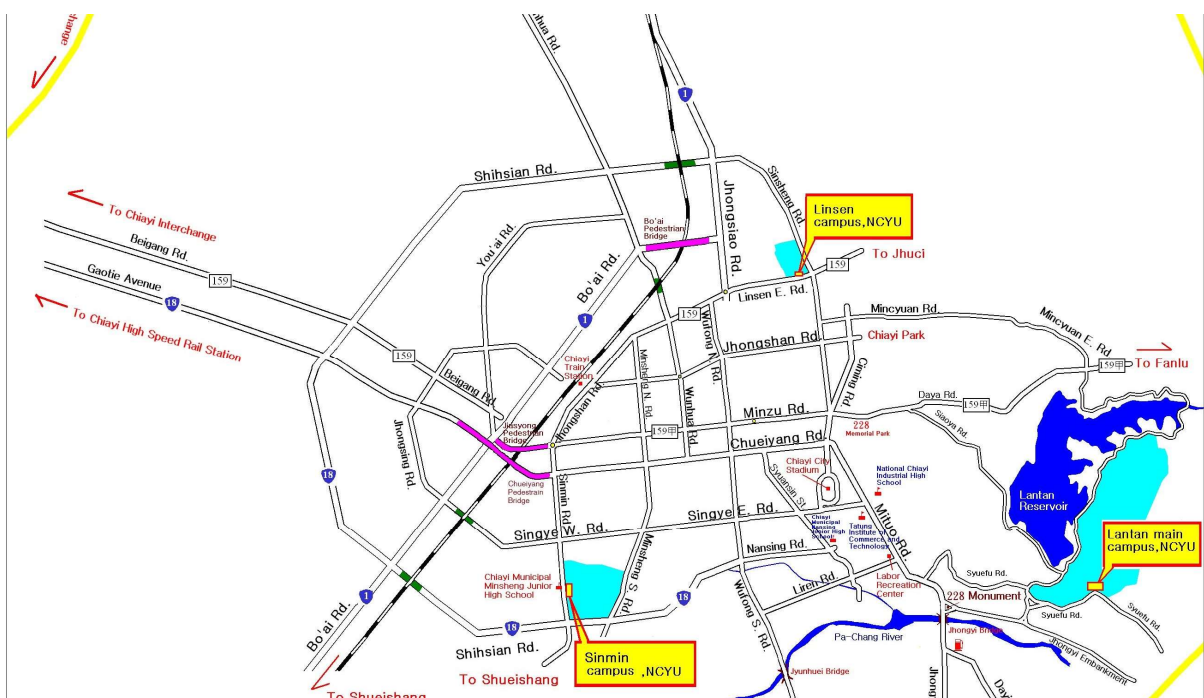
Because of its southern location in Taiwan, the weather in Chiayi City is quite hot and humid during the summer time. In summer (July-September), the daytime temperature is around 32 to 35 °C, while the daytime winter temperature (December-February) is around 10-25 °C. During June-July, showers and thunderstorms occur very often in the afternoon or evening. Students may experience typhoons occasionally during summer session.

(4.3) Accommodation

National Chiayi University provides its Dormitory (\$ 1,700~1,800 NTD/month per person, \$1,500 NTD deposit, Twin or Quadruple room, excluding electricity for air condition) and International Guest House (\$ 12,000 NTD/month per room, Twin room) for overseas students. For staying in Dormitory, the students need to bring their own bedding including sheets, blankets, pillows and futon.

(4.4) Cost of Living

The Lantan campus has one student canteen and two convenient stores. A meal at the University canteen would normally cost about \$ 60-80 NTD. Meals outside the campus and in Chiayi City may range from \$ 100-300 NTD per meal per person. Estimated cost of living is about \$9000-12000 per month depending on the lifestyle of the individual student. Most education facilities for this Programme and accommodation facilities are located at the Lantan Campus, which are in walking distances. A number of bus services run between Chiayi city center and Lantan campus at NCYU. There is a special flat fare of 12 NTD for any single journey between Chiayi City center and Lantan campus. Students need to prepare the coins or use easy card (\$100 NTD for empty card) for bus.



Appendix 1 List of Faculty Members of Member Schools (2021)

Faculty of Fisheries and Marine Science, Sam Ratulangi University, Indonesia

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	GERUNG, Grevo S.	Marine Botany	Main Supervisor
Professor	KEPEL, Rene Charles	Marine Botany	Main Supervisor
Professor	KUSEN, Janny D.	Marine Biology	Main Supervisor
Professor	LASUT, Markus Talintukan	Coastal Management	Main Supervisor
Professor	LUMINGAS, Lawrence J.L.	Marine Biology	Main Supervisor
Professor	MANGINDAAN, Remy E.P.	Marine Natural Product	Main Supervisor
Professor	MASENGI, Kawilarang Warouw Alex	Vessel Technology	Main Supervisor
Professor	MANTIRI, Desy M.H.	Toxicology and Pharmaceutical	Main Supervisor
Professor	MINGKID, Winda Mercedes	Aquaculture	Main Supervisor
Professor	ROMPAS, Rizald Max	Toxicology and Pharmaceutical	Main Supervisor
Professor	RUMENGAN, Inneke F.M.	Biotechnology	Main Supervisor
Professor	SITANGGANG, Effendi Pangihutan	Geomorphology	Main Supervisor
Associate Professor	BUDIMAN, Johnny	Fishing Technology	Co-Supervisor
Associate Professor	MAKAPEDUA, Daisy Monica	Biotechnology	Co-Supervisor
Associate Professor	MONTOLALU, Roike Iwan	Food Processing Technology	Co-Supervisor
Associate Professor	OMPI, Medy	Marine Reptiles	Co-Supervisor
Associate Professor	ONIBALA, Hens	Food Processing Technology	Co-Supervisor
Associate Professor	ROEROE, Kakaskasen Andreas	Coralogy	Co-Supervisor
Associate Professor	SUMILAT, Deiske Adeliene	Toxicology and Pharmaceutical	Co-Supervisor
Associate Professor	TUMBOL, Reiny Antonetha	Biotechnology	Co-Supervisor
Associate Professor	UNDAP, Suzanne Lydia	Fish Toxicity	Co-Supervisor
Associate Professor	WAGEY, Billy Theodorus	Marine Botany	Co-Supervisor
Assistant Professor	MAMANGKEY, N. Gustaf. F.	Malacology	Co-Supervisor

Faculty of Fisheries, Kagoshima University

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	ANRAKU, Kazuhiko	Behavioral Physiology (sensory system function, behavior mechanism)	Main supervisor
Professor	ISHIKAWA, Manabu	Aquatic Nutritional Chemistry (nutrient requirement, feed analysis)	Main supervisor
Professor	KAMINISHI, Yoshio	Marine Biotechnology (gene technology, genetic discrimination)	Main supervisor
Professor	KOBARI, Toru	Biological Oceanography (zooplankton biology, ecology & production)	Main supervisor
Professor	KOMATSU, Masaharu	Functional Food Safety Science (environmental hygiene, marine toxin)	Main supervisor

Professor	KOTANI, Tomonari	Aquaculture (larval rearing, live feed, enrichment, behavior)	Main supervisor
Professor	MOTOMURA, Hiroyuki	Ichthyology (taxonomy, systematics, and biogeography)	Main supervisor
Professor	NAKAMURA, Hirohiko	Physical Oceanography (ocean dynamics, data analysis methods)	Main supervisor
Professor	NISHI, Ryuichiro	Marine Environmental Science	Main supervisor
Professor	OHTOMI, Jun	Fisheries Biology (reproduction, growth, field research, crustacean)	Main supervisor
Professor	SAKUMA, Yoshiaki	Political Economics (community-based fishery management)	Main supervisor
Professor	SANO, Masaaki	Fisheries Economics	Main supervisor
Professor	TERADA, Ryuta	Marine Botany	Main supervisor
Professor	UNO, Seiichi	Environmental Chemistry (GC/MS, LC/MS, Bioconcentration)	Main supervisor
Professor	VAZQUEZ ARCHDALE, Miguel F.	International Food and Resource Sciences	Main supervisor
Professor	YAMAMOTO, Tomoko	Animal Ecology (benthic animal, invertebrate, coastal area)	Main supervisor
Professor	YOSHIKAWA, Takeshi	Marine Microbiology (harmful algal blooms, bioremediation)	Main supervisor
Associate Professor	DOI, Wataru	Fisheries Biology, Crustacean Biology	Main supervisor
Associate Professor	EBATA, Keigo	Fishing Gear Technology (model gear experiment, field survey)	Main supervisor
Associate Professor	ISHIZAKI, Munechika	Fisheries Engineering	Main supervisor
Associate Professor	KATO, Sanae	Biochemistry, Fisheries Food Science	Main supervisor
Associate Professor	KUGA, Mizuho	Fisheries Marketing (marketing, marine product processing industry)	Main supervisor
Associate Professor	KUME, Gen	Ichthyology (life history and ecology of freshwater and marine fish)	Main supervisor
Associate Professor	NISHI, Takaaki	Fisheries Engineering (magnetic sense, survey, trial manufacture)	Main supervisor
Associate Professor	OKUNISHI, Suguru	Aquatic Microbiology	Main supervisor
Associate Professor	SHINDO, Jo	Food Processing and Utilization of Fish Resources	Main supervisor
Associate Professor	SHIOZAKI, Kazuhiro	Biochemistry, Glycobiology (application for human health)	Main supervisor
Associate Professor	TAKUMI, Shota	Functional mechanisms of aquatic natural compounds and food components	Main supervisor
Associate Professor	TASUMI, Satoshi	Fish and Shellfish Immunology	Main supervisor
Associate Professor	TORII, Takashi	Fisheries Economics (management, fisheries cooperative association)	Main supervisor
Associate Professor	YAMANAKA, Yuichi	Fisheries Engineering (acoustic analysis, marine resource)	Main supervisor
Associate Professor	VESTERGAARD, Mun'delanji C.M.	Nanobiotechnology	Main supervisor
Assistant Professor	ENDO, Hikaru	Seaweed Ecology and Aquaculture	Co-supervisor
Assistant Professor	KODAMA, Masafumi	Invertebrate Ecology and Taxonomy	Co-supervisor
Assistant Professor	KOKUSHI, Emiko	Aquatic Ecotoxicology (monitoring of pollutants, toxicity test)	Co-supervisor
Assistant Professor	KUMAGAI, Momochika	Marine Natural Product Chemistry, Fisheries Food Science	Co-supervisor
Assistant Professor	NISHINA, Ayako	Physical Oceanography	Co-supervisor
Assistant Professor	SUMOTO, Hirofumi	Fisheries Engineering	Co-supervisor
Assistant Professor	YOKOYAMA, Saichiro	Fish Feed and Nutrition (nutritional physiology and immunology)	Co-supervisor

College of Fisheries and Ocean Sciences, University of the Philippines Visayas

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	AÑASCO, Nathaniel C.	Marine Environmental Chemistry	Main supervisor
Professor	BABARAN, Ricardo P.	Fishing Gear Technology, Fisheries Resource Management	Main supervisor
Professor	LAURETA, Liberato	Biology of Aquatic Invertebrates	Main supervisor
Professor	SERRANO, Augusto E. Jr	Fisheries Nutritional Biochemistry/Physiology	Main supervisor
Professor	TRAFALGAR, Rex Ferdinand M.	Nutritional Immunology	Main supervisor
Associate Professor	CATEDRILLA, Liah C.	Fisheries Extension and Development Communication	Main supervisor
Associate Professor	DE LEON, Sheila Mae S.	Benthic Environments, Sediment Enzymology	Main supervisor
Associate Professor	FERRIOLS, Victor Marco Emmanuel N.	Algal Biotechnology; Biochemistry and Molecular Biology	Main supervisor
Associate Professor	GENODEPA, Jerome G.	Mudcrab Hatchery and Grow-out; Aquaculture	Main supervisor
Associate Professor	MONTECLARO, Harold M.	Fish Sensory Biology and Behavior	Main supervisor
Associate Professor	NILLOS, Mae Grace G.	Environmental Chemistry, Aquatic Toxicology	Main supervisor
Associate Professor	NUÑAL, Sharon N.	Microbiology Ecology, Bioremediation	Main supervisor
Assistant Professor	BAGSIT, Farisal U.	Coastal Resource Management	Co-supervisor
Assistant Professor	BORLONGAN, Iris	Seaweed Ecophysiology	Co-supervisor
Assistant Professor	DEL CASTILLO, Christian Carmelo	Microbial Genetics, Ecology, Pathogenomics	Co-supervisor
Assistant Professor	LUMAYNO, Sanny David	Fish Reproduction; Sustainable Aquaculture	Co-supervisor
Assistant Professor	SIMORA, Rhoda Mae C.	Fish Biotechnology and Fisheries Microbiology	Co-supervisor

Faculty of Fisheries, Kasetsart University, Thailand

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	NA-NAKORN, Uthairat	Population Genetics of Aquatic Animals	Main supervisor
Professor	MEKSUMPUN, Shettapong	Water Quality, Red Tide Mechanism	Main supervisor
Professor	POOMPUANG, Supawadee	Aquatic Animal Genomics	Main supervisor
Associate Professor	CHUCHIRD, Niti	Molecular Biotechnology, Disease of Aquatic Animals	Main supervisor
Associate Professor	DARBANANDANA, Thanitha	Fishery Biology and Management	Main supervisor
Associate Professor	JINTASATAPORN, Orapint	Aquatic Animal Nutrition	Main supervisor
Associate Professor	MEKSUMPUN, Charumas	Ecology of Sediment, Aquatic Environment	Main supervisor
Associate Professor	SALAENOI, Jintana	Natural Pigments, Marine Biotechnology	Main supervisor
Associate Professor	SUKHSANGCHAN, Charuay	Fishing Gear Technology	Main supervisor
Associate Professor	TAPARHUDEE, Wara	Shrimp Culture, Aquaculture Engineering	Main supervisor
Associate Professor	WORAWATTANMATEEKUL, Wanchai	Fish Oil, Marine Polysaccharide, By-Product Technology	Main supervisor
Assistant Professor	BOONPRAB, Kangsadan	Fisheries Microbiology, Food Safety	Main supervisor

Assistant Professor	BOUTSON, Anukorn	Marine Environment, Fishery Oceanography	Main supervisor
Assistant Professor	HINSUI, Jirapa	Waste Utilization Seafood Enzyme	Main supervisor
Assistant Professor	JITCHUM, Pailin	Planktonology	Main supervisor
Assistant Professor	KAEWNERN, Methee	Aquatic Resources Management, GIS and Remote Sensing	Main supervisor
Assistant Professor	KLAYPRADIT, Wanwimol	Functional Food, By Product Utilization, Lipid Chemistry	Main supervisor
Assistant Professor	MANEEROTE, Jirawan	Food Engineering	Main supervisor
Assistant Professor	MEUNPOL, Oraporn	Breeding & Reproduction, Hormones, Physiology of Aquatic Fauna	Main supervisor
Assistant Professor	MOOKDASANIT, Juta	Aquatic Food Flavor, Fishery Products Analysis	Main supervisor
Assistant Professor	MUANGMAI, Narongrit	Phycology, Algaculture, Molecular Biology, Phylogenetics & Evolution, Phylogeography	Main supervisor
Assistant Professor	MUSIKASINTHORN, Prachya	Taxonomy, Biogeography of Freshwater Fishes	Main supervisor
Assistant Professor	NETDHARNN, Urairath	Fishery Statistics and Research Methodology	Main supervisor
Assistant Professor	PANSAWAT, Nantipa	Fish Processing Fishery Product Development	Main supervisor
Assistant Professor	POUNGCHAREAN, Santi	Fish Reproductive and Early Life Histories, Fish Ecology	Main supervisor
Assistant Professor	PRAIBOON, Jantana	Algal Biotechnology, Algal Culture	Main supervisor
Assistant Professor	RATANA ARPORN, Pattama	Food Processing, Food Engineering, Quality Control	Main supervisor
Assistant Professor	RUNGLERDKRIANGKRAI, Jiraporn	Fish Processing, Protein Chemistry	Main supervisor
Assistant Professor	SATAPORNVANIT, Kriengkrai	Aquatic Toxicology	Main supervisor
Assistant Professor	THAMRONG NAWASAWAT, Thon	Coral Reef Research and Management	Main supervisor
Assistant Professor	TRISAK, Jiraporn	Fish Population Dynamics	Main supervisor
Assistant Professor	TUNKIJJANUKIJ, Suriyan	Marine Biotechnology, Marine Bio-Products	Main supervisor
Assistant Professor	WAIPRIB, Yaowapha	Waste Utilization Food, Biotechnology Food Safety	Main supervisor
Assistant Professor	WILAI PUN, Pongtep	Food Microbiology, Biotechnology	Main supervisor
Assistant Professor	WORACHANANANT, Suchai	Coastal Management	Main supervisor
Assistant Professor	WUDTISIN, Idsariya	Sediment Quality Management in Aquaculture	Main supervisor
Assistant Professor	YOONPUNDH, Ruangvit	Breeding and Nursing, Aquaculture System	Main supervisor
Assistant Professor	WANGVORALAK, Sansanee	Coastal Zone Management	Main supervisor
Lecturer	DULYAPURK, Varunthak	Environmental and Natural Recourse Economics	Main supervisor
Lecturer	MONTHUM, Yaowaluk	Marine Phytoplankton, Marine Meiobenthos	Main supervisor
Lecturer	SRISAPOOME, Prapansak	Fish and Shrimp Diseases, Molecular Immunology	Main supervisor

Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	ABD GHAFAR, Mazlan	Fishery Sciences, Ichthyology	Main Supervisor

Professor	ABD WAHID, Mohd Effendy	Aquatic Animal Health, Biotechnology	Main Supervisor
Professor	HASSAN, Anuar	Fish Breeding Technology, Aquaculture	Main Supervisor
Professor	AMBOK BOLONG, Abol Munafi	Hatchery Technology, Fish Breeding	Main Supervisor
Professor	MUSA, Najiah	Aquatic Animal Health, Parasitology	Main Supervisor
Associate Professor	ABDULLAH, Muhd Danish Daniel	Microbiology and Molecular Biology	Main Supervisor
Associate Professor	MUSA, Nadirah	Fish Physiology, Fish Endocrinology	Main Supervisor
Associate Professor	IDRIS, Mohd Hanafi	Fisheries science, Aquatic biology	Main Supervisor
Associate Professor	MUSTAFA KAMAL, Abu Hena	Aquatic ecology, mangrove ecology	Main Supervisor
Associate Professor	SEAH, Ying Giat	Fish Taxonomy, Fish Ecology	Main Supervisor
Associate Professor	ZAINATHAN, Sandra Catherine	Aquatic Virology, Fish Health	Main Supervisor
Lecturer	ARIFFIN, Nur Asma	Fish Genomics, Biotechnology	Main Supervisor
Lecturer	MD. SHERIFF, Shahreza	Fish Genetics, Biotechnology	Main Supervisor
Lecturer	WAN HUSSIN, Wan Mohd Rauhan	Aquatic Ecology, Benthic Ecology	Co-supervisor
Lecturer	MOK, Wen Jye	Aquatic Food Safety	Co-supervisor
Lecturer	MAT PIAH, Rumeaida	Fish Population Dynamic, Fish Ecology	Co-supervisor
Lecturer	KARIM, Nurul Ulfah	Fisheries Post-Harvest, Fish Processing	Co-supervisor
Lecturer	MAT NOORDIN, Noordiyana	Aquaculture Nutrition, Fish Breeding	Co-supervisor
Lecturer	SYED JAMIL FADAAK, Sharifah Noor Emilia	Aquatic Microbial Ecology	Co-supervisor
Lecturer	TAN, Min Pau	Molecular Ecology, Fish Biotechnology	Co-supervisor
Lecturer	MOHTAR, Nor Fazliyana	Fish Biochemistry and Processing	Co-supervisor
Lecturer	SYED MUHAMMAD, Sharifah Rahmah	Nutrition and Seed Production	Co-supervisor
Lecturer	Ivan KOH, Chong Chu	Aquaculture and Seed Production	Co-supervisor
Lecturer	MAT JAAFAR, Tun Nurul Aimi	Population Genetic, Molecular Biology	Co-supervisor
Lecturer	IEHATA, Shumpei	Aquaculture and Marine Microbiology	Co-supervisor
Lecturer	ARIPIN, Siti Ariza	Aquaculture, Fish Reproductive Physiology	Co-supervisor
Lecturer	ABD AZIZ, Mohd Fazrul Hisam	Fisheries Ecology, Fishing Gears Technology	Co-supervisor
Lecturer	MUSTAFA, Emienour Muzalina	Algae genetic, Algae physiology	Co-supervisor
Lecturer	NOR AZMI, Lokman Nor Hakim	Marine ornamental culture, Invasive fish management	Co-supervisor
Lecturer	WAN RASDI, Wan Nurul Nadiah	Fish nutrition, Crustacean nutrition and breeding	Co-supervisor
Lecturer	AWALLUDIN, Ezmahamrul Afreen	Image processing application in fisheries technology	Co-supervisor
Lecturer	ZEIN, Alfian	Socio-economic of Fisheries	Co-supervisor
Lecturer	AB.LAH, Roslizawati	Fisheries, Molluscan ecology	Co-supervisor
Lecturer	ABDUL RAZZAK, Laith A.	Biotechnology	Co-supervisor
Lecturer	IBERAHIM, Nurul Aqilah	Biotechnology, Microbiology	Co-supervisor

Lecturer	NIK ALI, Nik Aziz	Renewable energy, Solar cell	Main Supervisor
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Department of Graduate Studies, Nha Trang University, Vietnam

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Associate Professor	NGO, Nghia Dang	Marine Bioactive Compounds	Main supervisor
Associate Professor	NGUYEN, Tuan Anh	Aquatic Processing Technology	Main supervisor
Associate Professor	PHAM, Hung Quoc	Aquaculture	Main supervisor
Associate Professor	LE, Hoang Minh	Reproductive Physiology and Endocrinology	Main supervisor
Associate Professor	HUYNH, Bao Nguyen Duy	Food Technology	Main supervisor
Associate Professor	NGUYEN, Anh Thuan	Food Quality and Safety	Main supervisor
Associate Professor	NGUYEN, Duy Van	Applied Microbiology	Main supervisor
Associate Professor	HO, Tuu Huy	Fisheries Economics and Management	Main supervisor
Associate Professor	LE, Long Kim	Productivity and efficiency analysis in aquaculture and fisheries	Main supervisor
Associate Professor	DINH, Khuong Van	Climate Change and Ecotoxicology	Main supervisor
Associate Professor	NGUYEN, Huong.T.My	Aquatic Product Processing Technology	Main supervisor
Associate Professor	QUACH, Ngoc.T.Khanh	Fisheries Economics and Management	Main supervisor
Lecturer	NGUYEN, Minh Van	Genetics and Selective Breeding	Main supervisor
Lecturer	LE, Tuan Anh	Fish Nutrition and Aquafeeds	Main supervisor
Lecturer	NGUYEN, Anh Lam	Fisheries Resources	Main supervisor
Lecturer	LUONG, Trung Cong	Aquaculture	Main supervisor
Lecturer	MAI, Nga.T.Tuyet	Food Science	Main supervisor
Lecturer	NGUYEN, Han The	Bioactive Compounds from Natural Resources.	Main supervisor
Lecturer	DANG, Binh Thuy	Biotechnology	Main supervisor
Lecturer	NGUYEN, Long Van	Marine Biodiversity	Main supervisor
Lecturer	BUI, Xuan Bich	Fisheries Economics and Management	Main supervisor
Lecturer	NGUYEN, Duy Ngoc	Fisheries Economics and Management	Main supervisor

Faculty of Fisheries and Marine Science, IPB University, Indonesia

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	HARDJITO, Linawati	Marine Biotechnology (Bioprocess Engineering)	Main supervisor
Professor	BASKORO, Mulyono S.	Fishing Method, Fish Behaviour	Main supervisor
Professor	BOER, Mennofatria	Biomathematics, Biostatistics, Fisheries Resources Management	Main supervisor
Professor	JAYA, Indra	Marine Science	Main supervisor
Professor	MANIK, Henry M.	Underwater Acoustics, Signal and Image Processing, Ocean Instrumentation	Main supervisor

Professor	PURBAYANTO, Ari	Fishing Technology, Fish Behaviour Dynamics, Capture Fisheries Development	Main supervisor
Professor	SUPRAYUDI, Muhammad Agus	Fish Nutrition, Feed Manufacturing, Local Feed Raw Materials	Main supervisor
Associate Professor	ADRIANTO, Luky	Coastal and Fisheries Adaptive Management, Social-Ecological System Analysis	Main supervisor
Associate Professor	EKASARI, Julie	Fish Nutrition and Health, Biofloc Technology, Microbial-Based Feed Raw Materials	Main supervisor
Associate Professor	HESTIRIANOTO, Totok	Applied Science and Technology for Rural Fishers	Main supervisor
Associate Professor	JUSADI, Dedi	Fish Nutrition, Live Food Production, Local Feed Raw Materials Exploration	Main supervisor
Associate Professor	KAMAL, Mohammad Mukhlis	Ichthyology, Fish Larval Biology, Marine Megafauna, and Fishery Management	Main supervisor
Associate Professor	KURNIA, Rahmat	Biostatistics and Modelling of Aquatic and Fisheries Ecosystems	Main supervisor
Associate Professor	MAWARDI, Wazir	Fishing Method, Fish Behaviour, Design and Construction of Fishing Equipment	Main supervisor
Associate Professor	RIYANTO, Mochammad	Fishing Technology, Fish Behaviour and Fish Physiology	Main supervisor
Associate Professor	PUJIYATI, Sri	Fisheries Acoustic and Sea Floor Detection and Classification	Main supervisor
Associate Professor	SETIAWATI, Mia	Fish Nutrition, Mineral and Natural Feed Additives	Main supervisor
Associate Professor	SETYANINGSIH, Iriani	Biotechnology of Algae	Main supervisor
Associate Professor	SONDITA, Muhammad Fedi Alfiadi	Marine Fisheries & coastal Management, Fish Resource Conservation, Fishing Technology	Main supervisor
Associate Professor	TARMAN, Kustiariyah	Marine Natural Products, Biotechnology of Marine Fungi	Main supervisor
Associate Professor	YONVITNER	Fisheries Management, Coastal Resources, Coastal Risk and Assessment	Main supervisor
Assistant Professor	FAUZI, Ichsan Achmad	Fish Nutrition, Protein and Amino Acids	Co-supervisor

College of Life Science, National Chiayi University (NCYU), Taiwan

Position	Name (Family, First, Middle)	Research Field	Supervisor rank
Professor	HUANG, Chen-Huei	Aquatic Animal Nutrition and Feeds	Main supervisor
Professor	WU, Su-Mei	Fish Physiology, Stress and Fish	Main supervisor
Professor	LAI, Hong-Thih	Water Quality Analysis and Management, Environmental Ecology of Stream	Main supervisor
Professor	LEE, An-Chin	Shellfish Physiology, Enzymology, Biochemistry	Main supervisor
Associate Professor	CHEN, Che-Chun	Virus & Cell Biology, Genetics, Microbiology	Main supervisor
Associate Professor	CHEN, Shu-Mei	Physiology Of Aquatic Animals, Immunology of Bivalves	Main supervisor
Assistant Professor	KUO, Chien-Hsien	Molecular Biology, Conservational Genetics, Fish Breeding	Main supervisor
Assistant Professor	TUNG, Che-Huang	Fish Propagation, Aquaculture, Aquarium Management	Main supervisor
Assistant Professor	CHU, Jen-Hong	Aquatic Animal Nutrition, Aquaculture	Main supervisor
Professor	HSU, Cheng-Kuang	Food Processing, Food Engineering	Main supervisor
Associate Professor	LIN, Su-Mei	Molecular Diabetic Cardiomyopathy, Function of Natural Product	Main supervisor
Associate Professor	HUANG, Jan-Jeng	Sea Food Processing, Food Safety and HACCP	Main supervisor
Associate Professor	CHIU, Yuh-Wen	Phylogeography, Taxonomy, Molecular Phylogeny	Main supervisor

Assistant Professor	CHEN, Hsuan-Wien	Ecology of Parasitism, Food Web Modeling, Ecological Network	Main supervisor
Professor	CHEN, Ruey-Shyang	Plant Pathology, Microbial Genetics	Main supervisor
Professor	LIN, Yun-Wei	Molecular Toxicology, Molecular Biology	Main supervisor
Professor	CHANG, Hsin-I	Drug Delivery and Tissue Engineering	Main supervisor
Professor	CHU, Chishih	Microbial Drug Resistance, Pathogenesis of Salmonella	Main supervisor
Associate Professor	WANG, Shao-Hung	Microbial Infections, Molecular Diagnostics	Main supervisor

Appendix 2 Subjects offered by Member Schools (2021)

* Subjects highlighted in yellow are offered online in 2021. Inquire through the university coordinator for the status of other subjects.

Faculty of Fisheries and Marine Science, Sam Ratulangi University, Indonesia

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Bioecology of Tropical Waters	1	3	32 h Lec	KUSEN, Janny D.
Technology of Capture Fisheries	1	3	32 h Lec	BUDIMAN, Johnny
Fisheries Vessel Practice	1	1	32 h Field	BUDIMAN, Johnny
Marine Food Resources	1	3	32 h Lec	ONIBALA, Hens
Advanced Special Course 1	1	3	64h Open method	GERUNG, Grevo S.
Advanced Special Course 2	1	3	64h Open method	LASUT, Markus Talintukan
Marine Pollution and Health of Marine Life	2	3	32 h Lec	UNDAP, Suzanne Lydia
Tropical Marine Biodiversity	2	3	32 h Lec	GERUNG, Grevo S.
Tropical Aquaculture	2	3	32 h Lec	TUMBOL, Reiny Antonetha
Marine Biotechnology	2	3	32 h Lec	RUMENGAN, Inneke F.M.
Integrated Tropical Coastal Zone Management	2	3	32 h Lec	LASUT, Markus Talintukan
Advanced Special Course 1	2	3	64h Open method	GERUNG, Grevo S.
Advanced Special Course 2	2	3	64h Open method	LASUT, Markus Talintukan
13 subjects		37		

Faculty of Fisheries, Kagoshima University, Japan

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Aquatic Biology	S.S. Intensive	2	30 h Lec	NAKAMURA, H. & others
Aquatic Bioresource Science and Technology	S.S. Intensive	2	30 h Lec	ANRAKU, K. & others
Aquaculture	S.S. Intensive	2	30 h Lec	KOTANI, T. & others
Technology, Sustainable Food and Agriculture: The Synergy	Semester II/IV	2	30 h Lec	VESTERGAARD, M.C.M.
Marketing and Management in Fisheries	Semester I/III	2	30 h Lec	SANO, M. & others
Environmental and Conservation Sciences	Semester I/III	2	30 h Lec	YOSHIKAWA, T. & others
Fisheries and Fisheries Sciences	Semester I/III	2	30 h Lec	VAZQUEZ, M.
Latest Analytical and Experimental Methods (Biochemistry)	S.S. Intensive	1	30 h Lab	SHIOZAKI, K. & others
Latest Analytical and Experimental Methods (Basic Biology)	S.S. Intensive	1	30 h Lab	YOSHIKAWA, T., KOTANI, T.
Latest Analytical and Experimental Methods (Open)	Occasional	1	30 h Lab	Host professor
On-board Training of Oceanographic Observation	Semester II/IV	1	5 days or more	NAKAMURA, H. & others
On-board Training of Resources and Measurement Techniques	Semester II/IV	1	5 days or more	NISHI, T. & others

On-board Training in Coastal Area Tropical Fisheries (Intensive)	Occasional Semester I/III	1 1	5 days or more 1 week	HABANO, A. & Host prof. For Japanese students only
14 subjects		21		

College of Fisheries and Ocean Sciences, University of the Philippines Visayas

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Advances in Fish Health Management	Sem. 2	3	32 h Lec & 48 h Lab	LACIERDA, Erlinda / DEL CASTILLO, Christian Carmelo
Advanced Aquatic Ecology	Sem. 1	3	48 h Lec	LUMAYNO, Sanny David and others
Aquaculture Management	Sem. 1	4	32 h Lec & 96 h Lab	GENODEPA, Jerome and others
Advances in Fish Nutrition	Sem. 2	3	48 h Lec	SERRANO, Augusto / TRAI FALGAR, Rex Ferdinand
Advances in Hatchery Management	Sem. 2	3	32 h Lec & 48 h Lab	GENODEPA, Jerome and others
Fisheries Ecology	Sem. 2	3	32 h Lec & 48 h Lab	ANASCO, Nathaniel and others
Advanced Fishing Technology	Sem. 1	3	32 h Lec & 48 h Lab	BABARAN, Ricardo and others
Low Temperature Preservation of Fish	Sem. 1	3	48 h Lec	PERALTA Jose and others
Fish Curing and Dehydration	Sem. 2	3	48 h Lec	NUNAL, Sharon and others
Thermal Processing of Fish	Sem. 1	2	32 h Lec	PERALTA Jose and others
Coastal Resources Assessment and Management	Trim. 2	3	48 h Lec	MONTECLARO, Harold and others
Community-Based Coastal Resources Management	Trim. 3	3	48 h Lec	CATEDRILLA, Liah and others
Special Topics	Sem. 1&2/SS	3	48 h Lec	Any UPV ILP Faculty Member (based on student's choice of topic)
13 subjects		39		

Faculty of Fisheries, Kasetsart University, Thailand

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Ecology of Sediment	1/intensive	3	45 h Lec	MEKSUMPUN, Charumas
Marine Biological Diversity	1&2/intensive	3	45 h Lec	WHANPETCH, Napakhwan MONTHUM, Yaowaluk
Coastal and Marine Fishery Management	1&2/intensive	3	45 h Lec	TRISAK, Jiraporn
Fishery Resources and Management	2/intensive	3	45 h Lec	WANGVORALAK, Sansanee
Fishery Resource Economics	1&2/intensive	3	45 h Lec	DULYAPURK, Varunthat

Advanced Freshwater Aquaculture	2/intensive	3	45 h Lec	YOONPUNDH, Ruangvit
Hormone in Aquaculture	1/intensive	3	45 h Lec	MEUNPOL, Oraporn
Application of Chemicals and Drugs in Aquaculture	2/intensive	3	45 h Lec	SRISAPOOME, Prapansak
Responsible Fishing Technology	2/intensive	3	30 h Lec & 30 h Lab	BOUTSON, Anukorn DARBANANDANA, Thanitha
Diseases of Aquatic Animals	2/intensive	3	30 h Lec & 30 h Lab	CHUCHIRD, Niti
Fishery Product Biotechnology	2/intensive	3	45 h Lec	WAIPRIB, Yaowapha
Food Additives in Fish and Fishery Products	1/intensive	3	45 h Lec	WAIPRIB, Yaowapha
Marine Biotoxins	intensive	3	45 h Lec	BOONPRAB, Kangsadan
Food Safety and Quality Management Systems in Fish Processing Plant	2/intensive	3	30 h Lec & 45 h Lab	WILAI PUN, Pongtep
Fishery Product Development	2/intensive	3	45 h Lec	PANSAWAT, Nantipa
System Analysis and Management in Fish Processing Industry	1&2/intensive	3	45 h Lec	MANEEROTE, Jirawan WORAWATTANMATEEKUL, Wanchai
Selected Topics in Fishery Science and Technology	1&2/intensive	1-3	45 h Lab	Main supervisor
Algal Propagation	1/intensive	3	30 h Lec & 45 h Lab	PRAIBOON, Jantana
Bioactive substance from algae	1/intensive	3	30 h Lec & 45 h Lab	PRAIBOON, Jantana
Molecular Systematics in Fisheries	1/intensive	3	30 h Lec & 45 h Lab	MUANGMAI, Narongrit
Marine Affairs	1/intensive	3	45 h Lec	WORACHANANANT, Suchai
Sustainable Utilization of Marine Resources	1/intensive	3	45 h Lec	WORACHANANANT, Suchai
22 subjects		64-66		

Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Fishery Molecular Ecology	All year round	3	28 h Lec	MAT JAAFAR, Tun Nurul Aimi
Fisheries Limnology and Oceanography	All year round	3	28 h Lec & 30 h Lab	WAN HUSSIN, Wan Mohd Rauhan
Sport and Game Fishing	All year round	3	28 h Lec & 30 h Lab	ABD AZIZ, Mohd Fazrul Hisam
Coral Reef Fisheries	All year round	3	28 h Lec & 30 h Lab	SEAH, Ying Giat
Habitat Replenishment Areas	All year round	3	28 h Lec & 30 h Lab	MUSTAFA KAMAL, Abu Hena IDRIS, Mohd Hanafi
Fisheries Post-Harvest Technology	All year round	3	28 h Lec & 30 h Lab	KARIM, Nurul Ulfah MOHTAR, Nor Fazliyana
Biosecurity and Seafood Safety	All year round	3	28 h Lec & 30 h Lab	MOK, Wen Jye & IEHATA, Shumpei
Fisheries Biosystems	All year round	3	28 h Lec	MD. SHERIFF, Shahreza

Fisheries Product Innovation	All year round	3	28 h Lec & 30 h Lab	MOHTAR, Nor Fazliyana
9 subjects		27		

**Professor/Lecturer for each subject might change depending on their availability*

Department of Graduate Studies, Nha Trang University, Vietnam

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Developmental Biology for Aquatic Animals	Sem. 2	3	30 h Lec, 15 h Lab	PHAM, Hung Quoc
Reproductive Physiology and Endocrinology	Sem. 2	2	30 h Lec	LE, Hoang Minh
Fish Nutrition & Aqua-feeds	Sem. 2	3	30 h Lec, 15 h Lab	LE, Tuan Anh
Fish Stock Assessment	Sem. 2	2	30 h Lec	NGUYEN, Anh Lam
Ecology and Applications in Tropical Aquaculture: Environmental Friendly and Sustainable Perspective	S.S.	2	30 h Lec	DINH, Khuong Van
Genetics in Aquaculture and Fisheries	Sem. 1	2	30 h Lec	NGUYEN, Minh Van
Aquatic Raw Material Handling and Processing Technology	S.S.	2	30 h Lec	MAI, Nga.T.Tuyet
Technology of Traditional Aquatic Products	S.S.	2	30 h Lec	NGUYEN, Huong.T.My
Risk Analysis in the Agri-Food Chain	Sem. 2	3	45 h Lec	NGUYEN, Anh Thuan
Bioactive Compounds from Marine Resources	Sem. 2	2	30 h Lec	HUYNH, Bao Nguyen Duy
Marine Bioactive Compounds	Sem. 1	2	30 h Lec	NGO, Nghia D. & others
Ecology and Climate Change	S.S.	2	30 h Lec	DANG, Binh T. & others
Marine Biodiversity	Sem. 1	2	30 h Lec	DANG, Binh T. & others
Probiotic Technology in Aquaculture and Food Production	Sem. 2	2	30 h Lec	NGUYEN, Duy Van
Environmental and Natural Resource Economics	Sem. 2	2	30 h Lec	QUACH, Ngoc T.K. & others
Coastal Zone Economics and Management	Sem. 2	2	30 h Lec	QUACH, Ngoc T.K. & others
Fisheries Economics and Management	S.S.	2	30 h Lec	LE, Long K. & others
Marine Resource Economics and Management	S.S.	2 (5)*	30 h Lec	LE, Long K. & others
Fisheries Marketing	Sem. 2	3	45 h Lec	HO, Tuu Huy
Marine Nutraceuticals and Functional Foods	Sem. 2	2	30 h Lec	NGUYEN, Han The
20 subjects		44		

**Five credits maximum can be obtained for NTU students.*

Faculty of Fisheries and Marine Science, IPB University, Indonesia

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Advanced Fish Nutrition	1	3	23 h Lec, 42 h Lab	M. Agus Suprayudi
Fisheries Management with an Ecosystem Approach	2	3	23 h Lec, 42 h Field	Yonvitner
Fish Stock Assessment	2	3	23 h Lec, 42 h Field	Mennofatria Boer
Marine Biotechnology and Cosmeceuticals	1	3	23 h Lec, 42 h Lab & Field	Linawati
Advanced Fishing Method Development	2	3	23 h Lec, 42 h Lab/field	M. Fedi A. Sondita
Fisheries Acoustics	2	3	23 h Lec, 42 h Field	Indra Jaya
6 subjects		18		

College of Life Science, National Chiayi University (NCYU), Taiwan

Subjects	Semesters	Credits	Hours, Methods	Faculty member in charge
Aquatic Animal Nutrition and Feeds-Feeds and Nutrition	S.S., Intensive	1	18 h (Lec, Practice)	HUNAG, Chen-Huei & others
Aquatic Animal Physiology-General, Reproductive, Propagation, and Stress Physiology	S.S., Intensive	1	18 h Lec, Practice	CHEN, Shu Mei & WU, Su Mei
Aquatic Environment-Water Quality, Wetland and Pond Management	S.S., Intensive	1	18 h Lec	LAI, Hong-Thih & other
Aquatic Foods-Processing and Safety	S.S., Intensive	1	18 h Lec	HSU, Cheng-Kuang & other
Aquatic Biotechnology	S.S., Intensive	1	18 h Lec, Practice	CHANG, Hsin-I & other
Aquatic Feed Manufactory and High-Tech Aquaculture Facility	S.S., Intensive	1	18 h Demo & Field Trips	KUO, Chien-Hsien & others
Chemical Residues in Aquatic Environment	1	3	54 h Lec	LAI, Hong-Thih
Fish Nutrition	1	2	36 h Lec, Present	HUANG, Chen-Huei
Special Topics in Life Science	1	3	54 h Lec, Operation)	CHU, Chishih, & others
Feed Analysis	1	3	54 h Lec	HUANG, Chen-Huei & other
Seminar (I)	1	2	36 h Present & Disc	KUO, Chien-Hsien
Seminar (II)	2	2	36 h Present & Disc	CHEN, Shu Mei
Biostatistics	2	3	54 h Lec	HUANG, Chen-Huei
13 subjects		24		