



CAN THO UNIVERSITY
COLLEGE OF AQUACULTURE AND FISHERIES



Advanced Program in Aquaculture

STUDENT HANDBOOK

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INTRODUCTION

Can Tho University

Established in 1966, Can Tho University (CTU) is a key public higher education institution and a cultural, scientific and technical center of the Mekong Delta and Vietnam. As of January, 2022, CTU offers 109 undergraduate programmes (2 advanced, 8 high-quality), 48 master programmes (3 international) and 19 PhD programmes. It has 21 academic units, 18 supporting units, and 12 service units with a total of 1,825 staff members and an enrollment of about 47,000 students. CTU has set its vision, mission, core values, educational objective, and the quality policy statement (<https://en.ctu.edu.vn/introduction/general.html>).

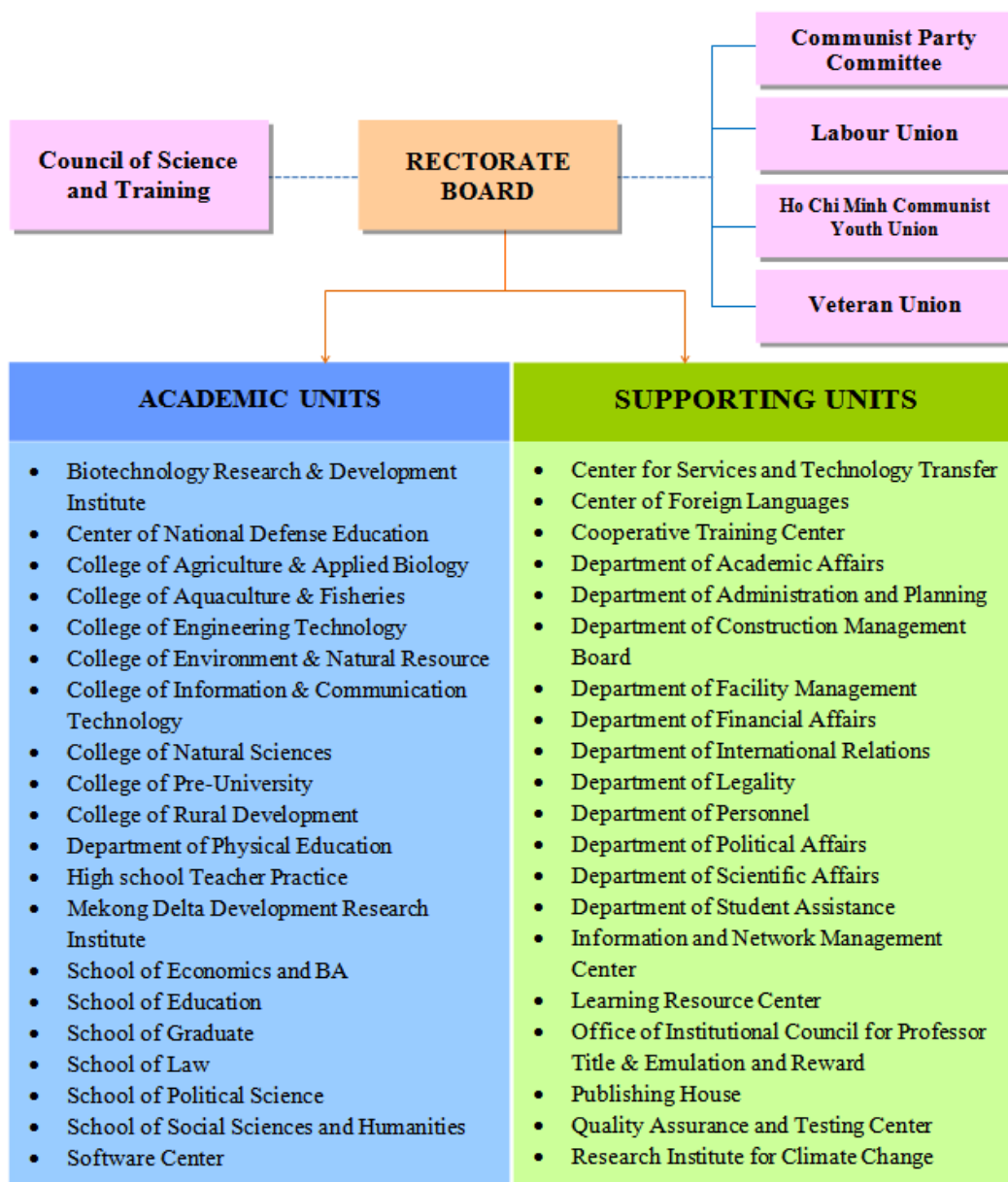


Figure 1: The structure of CTU and units

Vision of the university: CTU targets to be one of the leading higher education institutions in terms of quality in Vietnam and one of the top universities in training and research recognized in the region and the world.

Mission of the university: CTU operates its resources to be the leading national institution for education, research and technology transfer making a significant contribution to the development of high quality human resources, fostering the talents and the advancement of science and technology to cater for the regional and national socio-economic development. CTU is the crucial driving force for the development of the Mekong Delta region.

College of Aquaculture And Fisheries

After 25 years being subjected to a number of organizational changes, the College of Aquaculture and Fisheries (CAF) has been re-established in April 2002 to meet the increasing demands of aquaculture and fisheries services in the region.

Vision of CAF: The CAF constantly strives to become an advanced and leading institute in education and training, scientific research, technology development and transfer, and actively contributes to the sustainable development of the aquaculture industry in the region and around the world.

Mission of CAF: The CAF has the mission of training high-quality human resources, conducting and promoting advanced scientific research, developing modern technology, connecting, and effectively serving the aquaculture and fisheries industry in the Mekong Delta and the whole country.

Training activities: CAF offers education programs with various fields and levels: (i) Bachelor programs in: Aquaculture (taught in Vietnamese), Advanced Program in Aquaculture (taught in English), Aquatic Animal Pathology, Aquatic Resources Management, and Fisheries Products Processing; (ii) Master programs: Aquaculture (taught in Vietnamese), International Program in Aquaculture, Aquatic Pathology, Fisheries Management, and Climate Change and Integrated Management of Coastal Aquaculture; (iii) PhD in Aquaculture

Research activities: CAF is conducting research on various topics such as (i) nutrition and feeds, reproduction, aquatic animal health, and physiology; (ii) culture techniques of catfish, indigenous fish, giant freshwater prawn, marine shrimp, mud crab, etc.; (iii) aquatic environments including pond dynamics, water quality assessment and management, bio-ecological indicators; and (iv) fish stock assessment and management, coastal zone management, marine bio-diversity, etc.

Organizational structure of CAF: At present (1/2022), CAF has a total of 98 staff members (55 teaching staff), including 5 Professors, 23 Associate Professors, 22 PhD, 32 MSc (17 studying PhD) and 16 engineers. Most staff have obtained graduate degrees mainly in foreign countries such as the United States, France, Belgium, the United Kingdom, Denmark, Australia, Thailand, Malaysia,

etc. their expertise shares with diversity in aquaculture, marine biology and culture, environmental studies, fisheries resource management, economics, fish pathology, molecular biology, etc. The CAF staff are highly responsible, enthusiastic and motivated. They are very experienced, skillful and willing to contribute their efforts to the development of the College.

CAF has 6 Departments and one Administrative unit as illustrated in Figure 2.

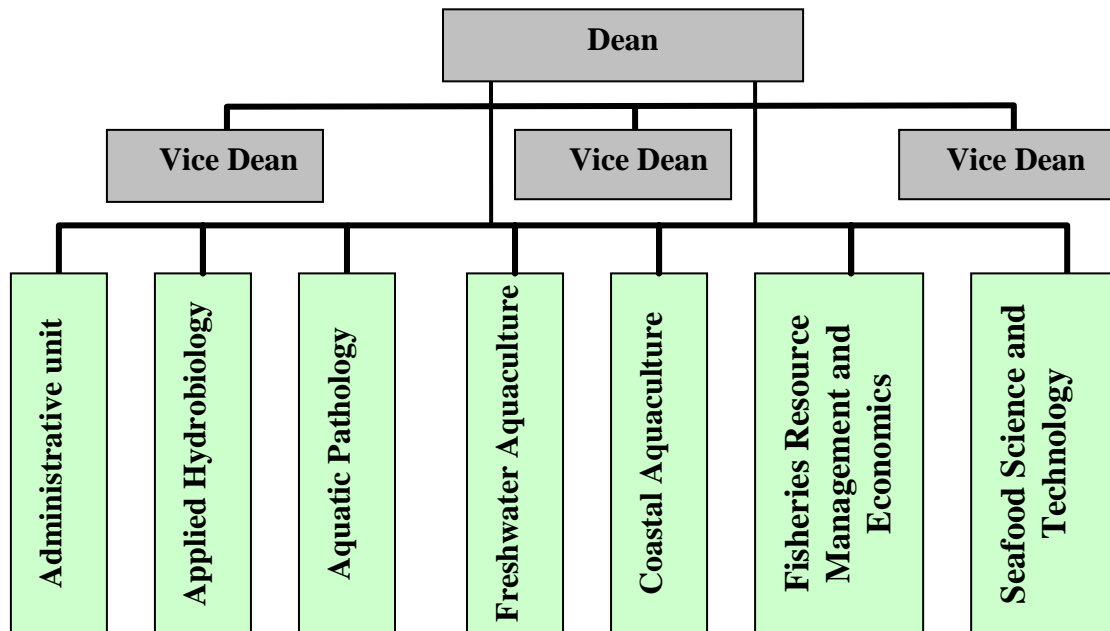


Figure 2: Organization structure of CAF

1. Administrative Unit: Supporting the Dean board in administrative management and organization, education, research, internal and external collaboration, financial management and other activities.
2. Department of Applied Hydrobiology: Teaching and conducting research on fundamental issues such as water quality, aquatic ecology and biology, anatomy and taxonomy of aquatic organisms, and population dynamics.
3. Department of Aquatic Pathology: Teaching and conducting research with disseminate techniques on fish biology and diseases.
4. Department of Freshwater Aquaculture: Teaching and conducting research and transferring culture techniques of freshwater aquatic species.
5. Department of Coastal Aquaculture: Teaching and conducting research and transferring culture techniques of brackish water and marine aquatic species.
6. Department of Fisheries Resource Management and Economics: Teaching and conducting research on fields of Fishing, Fisheries sources assessment, Socio-economics in aquaculture, and Fisheries management.
7. Department of Seafood Science and Technology: Teaching and conducting research on aquatic physiology, nutrition and fisheries product processing.

ADVANCED PROGRAM IN AQUACULTURE

Overview of the program

The program has been being offered since 2008 based on Decision No. 8645/QĐ-BGDĐT of the MOET. The curriculum was designed based on the aquaculture curriculum of Auburn University (USA) and in accordance with the credit-based educational system. Auburn University is well known for aquaculture training in the USA and in the world. Students are taught in English, except for courses in military science, physical fitness and political science. Teaching staff for APA is PhD holders, most graduated overseas. In addition, professors from Auburn University and distinguished experienced professors from Asian countries are invited to teach some APA courses.

Name of the program: Advanced Program in Aquaculture (APA)

Mode of study: full time, regular

Training time: 4.5 years (including 1 semester for intensive English with 20 credits)

Qualifications: Bachelor Degree of Aquaculture (by CTU) and Certificate of completion of advanced program in Aquaculture (by AU).

Expected educational mission of the training:

The program aims to educate aquaculture bachelor graduates who have (i) good political quality and health; (ii) sufficient knowledge in water sciences and aquatic biology; (iii) skills and knowledge in seed production, culture techniques and health management of farmed aquatic animal species; (iv) ability to operate and manage aquaculture enterprises; (v) ability in self studies; and (vi) good English and computer skills. The quality of the graduates is expected to meet regional and international standards for national and international end users.

Required total credits:

Total required credits: 160 (excluding 20 credits of intensive English training).

Enrollment and English requirements:

Students who passed the entrance exams in Group A (Mathematics, Physics, and Chemistry), Group B (Mathematics, Biology, and Chemistry), and Group A1 (Mathematics, Literature, and English) of Can Tho University can apply to take an English test (TOEIC) to join the APA. The minimal score of English requirement can vary by year. All announcements for the application form and process are available at the websites of CAF and CTU.

Educational process and graduation requirements:

Students must obtain 160 credits of the training curriculum, of which thesis comprises of 10 credits. The minimum score of the course must be at least 1.0 and

the accumulated GPA (grade point average) of the full training curriculum must be at least 2. Students who meet these requirements will be considered as graduated from CTU. In addition, students must not have any subsection to penal responsibility and suspend study in the last academic year of the program, either.

The expected learning outcomes of the program

The expected learning outcomes are designed based on the Blooms' Six Levels of the cognitive domain of learning from knowledge to evaluation. Upon graduation, students will be able to:

General knowledge

PLO1-Generalize knowledge of basic sciences, social sciences, politics – society, laws, physical education, national defense education; obtain current English standards equivalent to level 4/6 of Vietnam's Foreign Language Proficiency Framework (B2 according to the Common European Framework of Reference for Languages)

Fundamental and specialized knowledge

PLO2-Summarize basic knowledge of water quality parameters, biological (morphology, physiology, nutrition,...) and ecological characteristics of aquaculture species and other aquatic organisms.

PLO3-Describe methods for studying aquaculture species' biology, nutrition requirements, and water quality analyses, as well as statistical and research methods, and scientific writing

PLO4-Describe techniques of reproduction, genetic improvement, and farming technology, especially in intensive and advanced systems, of economically valuable aquaculture species.

PLO5-Explain principles of aquatic animal health management, seafood product quality management, farming area planning and development for effective, sustainable, and environmentally friendly farming.

Hard skills

PLO6-Implement seed reproduction and commercial farming techniques for economically valuable species such as striped catfish, native black fish species, black tiger shrimp, white leg shrimp and freshwater prawn

PLO7-Organize and operate hatcheries, commercial farms, fishery services businesses.

Soft skills

PLO8-Develop communication skills, English skills, international academic exchange, independent and in-group working skills in study and research, information technology skills

Attitudes/Autonomy and Responsibilities

PLO9-Develop awareness of professional ethics, self-study and lifelong learning, and a sense of community responsibility.

Program Specification

The curriculum is formulated based on the stipulated criteria for advanced programs issued by the Ministry of Education and Training and on benchmarking with curricula which have been applied by prestigious universities in the same field, including Auburn University (USA), Tasmania University (Australia), and Hawaii University (USA). Partners contributing to the curriculum formulation include lecturers from CAF and relating faculties/colleges, aquaculture sector managers and employers, and feedbacks from alumni.

The minimum number of credits accumulated: 160 credits

General knowledge: 56 credits (compulsory: 52 credits; elective: 4 credits)

Fundamental knowledge: 41 credits (compulsory: 41 credits)

Specialised knowledge: 63 credits (compulsory: 59 credits; elective: 4 credits)

Curriculum

Table 1: APA Curriculum (for C46-47)

No		Course name	Number of credits	Compulsory	Elective	Theory hours	Practice hours	Prerequisite course	Semester
English bridging program									
1	FL001H	Listening and speaking 1 (*)	3	3		45			I,II
2	FL002H	Listening and speaking 2 (*)	2	2		30			I,II
3	FL003H	Reading 1 (*)	2	2		30			I,II
4	FL004H	Reading 2 (*)	2	2		30			I,II
5	FL005H	Writing 1 (*)	2	2		30			I,II
6	FL006H	Writing 2 (*)	2	2		30			I,II
7	FL007H	Grammar in use (*)	3	3		45			I,II
8	FL008H	Pronunciation in practice (*)	2	2		30			I,II
9	FL009H	Presentation skills (*)	2	2		30			I,II
Total: 20 credits compulsory									
General course									
10	QP010	Military training 1 (*)	2	2		37	8	Divided by specialised sub-group	
11	QP011	Military training 2 (*)	2	2		22	8		
12	QP012	Military training 3 (*)	2	2		14	16		
13	QP013	Military training 4 (*)	2	2		4	56		
14	TC100	Physical training 1+2 (*)	2		2		60		I,II,III
15	TC013	Physical training (Swimming) (*)	1	1			30		I,II
16	ML014	Marxist – Leninist philosophy	3	3		45			I,II,III
17	ML016	Marxist – Leninist political economy	2	2		30		ML014	I,II,III
18	ML018	Science socialism	2	2		30		ML016	I,II,III

19	ML019	History of the Communist Party of VN	2	2		30		ML018	I,II,III
20	ML021	Ho Chi Minh's thought	2	2		30		ML019	I,II,III
21	TN051	General chemistry I	2	2		30			I,II
22	TN052	Fundamental chemistry-I Laboratory	1	1			30		I,II
23	TN053	Fundamental chemistry II	2	2		30			I,II
24	TN054	Fundamental chemistry-II Laboratory	1	1			30		I,II
25	TN057	General biology	2	2		30			I,II,III
26	TN058	Practical general biology	1	1			30		I,II,III
27	AQ059	Advanced mathematics	3	3		45			I,II
28	ML007	General logic	2			30			I,II,III
29	XH011	Basic Vietnamese culture	2			30			I,II,III
30	XH012	Vietnamese in use	2			30			I,II,III
31	XH014	General management document and archives	2		2	30			I,II,III
32	XH028	Overview of Sociology	2			30			I,II,III
33	KN001	Transferable skills	2			20	20		I,II,III
34	KN002	Entrepreneurship and innovation	2			20	20		I,II,III
Total: 36 credits (Compulsory: 32 credits; Elective: 4 credits)									
Fundamental Aquaculture									
35	AQ101	English for Aquaculture I	2	2		30			I,II
36	AQ102	English for Aquaculture II	2	2		30			I,II
37	AQ218	Water quality analysis	3	3		30	30		I,II
38	AQ205C	Microbiology	3	3		30	30		I,II
39	AQ206	Introduction to aquaculture and fisheries science	3	3		45			I,II
40	AQ207	Water science	3	3		45			I,II
41	AQ208	General ichthyology	3	3		45			I,II
42	AQ209	Limnology	3	3		30	30		I,II
43	AQ210	Principles of ecology	2	2		30			I,II
44	AQ211	Aquatic animal physiology	3	3		30	30		I,II
45	AQ212	Aquatic animal nutrition	3	3		30	30		I,II
46	AQ214	Applied statistics and experimental design	3	3		30	30		I,II
47	AQ216	Scientific research methodology	2	2		30			I,II
48	AQ217	Practice on fundamental disciplines	4	4			120		I,II,III
49	AQ220	Biology of fishes	2	2		30			I,II
Total: 41 credits (Compulsory: 41 credits)									
Specialized Aquaculture courses									
50	AQ301	Aquaculture production	4	4		45	30		I,II
51	AQ222	Hatchery operation and management	3	3		30	30		I,II
52	AQ303	Shellfish aquaculture	3	3		45			I,II
53	AQ223	Shellfish hatchery operation and management	3	3		30	30		I,II
54	AQ305	Introduction to fish health and clinical fish disease diagnosis	3	3		30	30		I,II
55	AQ306C	Fish and shellfish diseases	3	3		30	30		I,II
56	AQ307	Fish genetic enhancement and resources management	3	3		45			I,II
57	AQ308	Fisheries biology and management	3	3		30	30		I,II
58	AQ224	Facilities for aquaculture	2	2		30			I,II
59	AQ310	Live food culture	2	2		20	20		I,II
60	AQ312C	Aquaculture economics	3	3		45			I,II
61	AQ313	Fisheries laws	2	2		30			I,II
62	AQ225	Practice on aquaculture	5	5			150		I,II
63	AQ315	Seminar/special study	1	1			30		I,II
64	AQ226	Internships	5	5			150		III
65	AQ311	Planning for aquaculture development	2		4	30			I,II

66	AQ227	Food quality management and safety	2			30			I,II
67	AQ228	Biotechnology in aquaculture	2			30			I,II
68	AQ229	Aquatic biomonitoring	2			30			I,II
69	AQ502	Graduation thesis	14	14			420		I,II
Total: 63 credits (Compulsory: 59 credits; Elective: 4 credits)									
Total: 140 credits (Compulsory: 132 credits, Elective: 8 credits) and 20 credits of English bridging program									

Study plan by semester

The study plan consists of 9 main semesters and 3 summer semesters. The recommended study plan is shown in the table below.

Table 2: The recommended study plan

No	Code	Course name	Number of credits	Compulsory	Elective	Theory hour	Practice hours
Semester 1 (Year 1)							
1	FL001H	Listening and speaking 1 (*)	3	3		45	
2	FL003H	Reading 1 (*)	2	2		30	
3	FL005H	Writing 1 (*)	2	2		30	
4	FL007H	Grammar in use (*)	3	3		45	
5	FL008H	Pronunciation in practice (*)	2	2		30	
6	FL009H	Presentation skills (*)	2	2		30	
		Total	14	14	0		
Semester 2 (Year 1)							
1	FL002H	Listening and speaking 2 (*)	2	2		30	
2	FL004H	Reading 2 (*)	2	2		30	
3	FL006H	Writing 2 (*)	2	2		30	
4	ML014	Marxist – Leninist philosophy	3	3		45	
5	AQ059	Advanced mathematics	3	3		45	
6	TN051	General chemistry I	2	2		30	
7	TN052	Fundamental chemistry – I Laboratory	1	1			30
8	TN057	General biology	2	2		30	
9	TN058	Practical general biology	1	1			30
10	AQ201	English for Aquaculture I	2	2		30	
		Total	20	20	0		
Semester 3-SUMMER							
1	QP010	Military training 1 (*)	2	2		37	8
2	QP011	Military training 2 (*)	2	2		22	8
3	QP012	Military training 3 (*)	2	2		14	16
4	QP013	Military training 4 (*)	2	2		4	56
		Total	8	8	0		
Semester 4 (Year 2)							
1	TN053	Fundamental chemistry II	2	2		30	
2	TN054	Fundamental chemistry – II Laboratory	1	1			30
3	ML016	Marxist – Leninist political economy	2	2		30	
4	AQ202	English for Aquaculture II	2	2		30	
5	AQ206	Introduction to aquaculture and fisheries	3	3		45	

		science					
6	AQ209	Limnology	3	3		30	30
7	TC100	Physical training 1	1		1		30
8	AQ218	Water quality analysis	3	3		30	30
		Total	17	16	1		
Semester 5 (Year 2)							
1	ML018	Science Socialism	2	2		30	
2	AQ208	General ichthyology	3	3		45	
3	AQ211	Aquatic animal physiology	3	3		30	30
4	AQ210	Principles of ecology	2	2		30	
5	AQ212	Aquatic animal nutrition	3	3		45	
6	TC100	Physical training 2*	1		1		30
7	AQ207	Water science	3	3		45	
		Total	17	16	1		
Semester 6 - SUMMER							
1	AQ217	Practice on fundamental disciplines	4	4			120
		Total	4	4	0		
Semester 7 (Year 3)							
1	ML019	History of the Communist Party of Vietnam	2	2		30	
2	TC013	Physical training (Swimming)(*)	1	1			30
3	AQ205C	Microbiology	3	3		30	30
4	AQ214	Applied statistics and experimental design	3	3		30	30
5	AQ220	Biology of fishes	2	2		30	
6	AQ224	Facilities for aquaculture	2	2		30	
7	ML021	Ho Chi Minh 's thought	2	2		30	
		Total	15	15	0		
Semester 8 (Year 3)							
1	KN002	Entrepreneurship and innovation	2		2	20	20
2	KN001	Transferable Skills	2		2	20	20
3	AQ305	Introduction to fish health and clinical fish disease diagnosis	3	3		30	30
4	AQ222	Hatchery operation and management	3	3		30	30
5	AQ301	Aquaculture production	4	4		45	30
6	AQ216	Scientific research methodology	2	2		30	
7	AQ310	Live food culture	2	2		20	20
		Total	16	14	2		
Semester 9- Summer							
1	AQ226	Internship	5	5			150
		Total	5	5	0		
Semester 10 (Year 4)							
1	AQ306C	Fish and shellfish diseases	3	3		30	30
2	AQ303	Shellfish aquaculture	3	3		45	
3	AQ223	Shellfish hatchery operation and management	3	3		30	30
4	AQ228	Biotechnology in aquaculture	2		2	30	
5	AQ307	Fish genetic enhancement and resources management	3	3		45	
6	AQ315	Seminar/ Special study	1	1			30
		Total	15	13	2		
Semester 11 (Year 4)							
1	AQ311	Planning for aquaculture development	2		2	30	
2	AQ312C	Aquaculture economics	3	3		45	
3	AQ313	Fisheries law	2	2		30	
4	AQ308	Fisheries biology and management	3	3		30	30

5	AQ225	Practice on aquaculture	5	5			150
		Total	15	13	2		
Semester 12 (Year 5)							
1	AQ502	Graduation thesis	14	14			450
		Total	14	14	0		
		Overall	160	152	8		

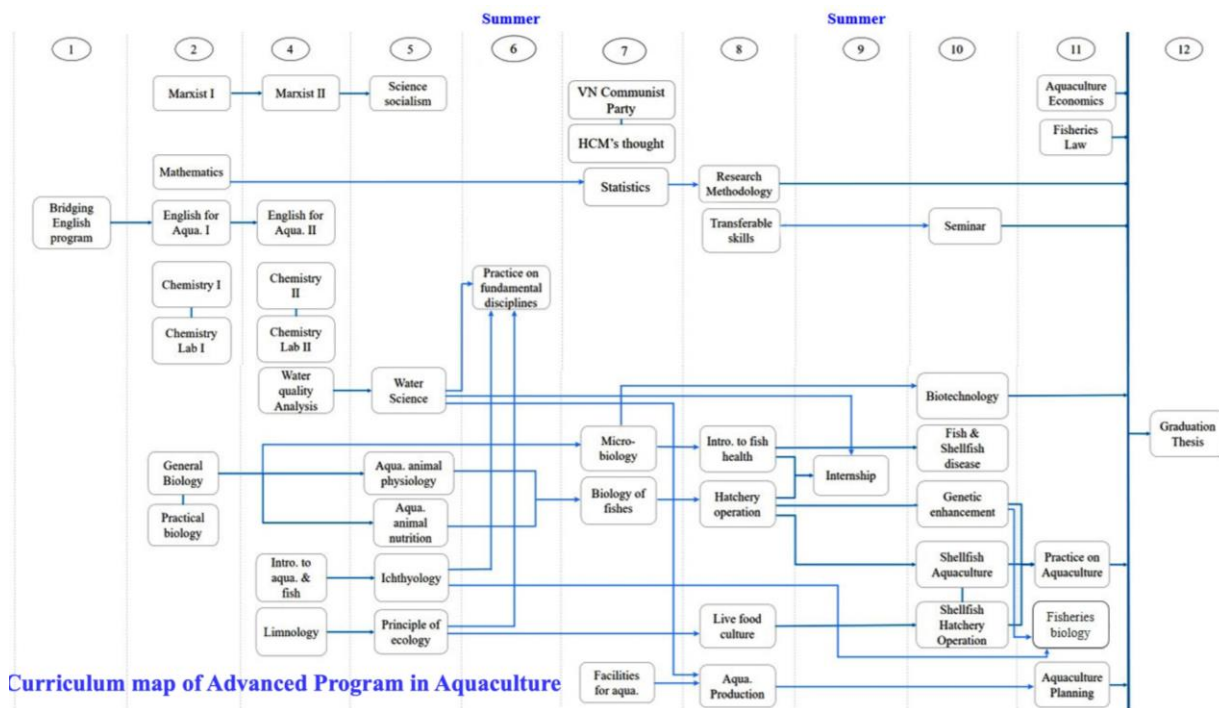


Figure 3. Diagram showing the recommended study plan

ACADEMIC INFORMATION

(From the academic regulation of CTU for undergraduate students - decision No. 1294/QĐ-ĐHCT on August 27, 2010)

Prizes and Scholarship Information

- Academic scholarships from CTU are awarded to students who achieve the highest GPA and good extracurricular activities each semester.
- Prizes for excellent research activities, assessed by the Scientific Committee.
- Short-term student exchange programmes: selected based on GPA and English
- Prizes and scholarships from sponsors, companies, local communities, and alumni are also granted by occasion.

Course registration

Academic advisors advise students concerning their academic plans and progress, choice of courses and other academic activities, career goals, especially for freshmen. They meet with students periodically to provide feedback and guidance toward successful completion of a degree program and assist students in making decisions concerning personal educational goals leading to graduation.

Each semester, students are required to register for courses during the official registration period, using the online system (<https://htql.ctu.edu.vn/htql/login.php>). At the beginning of each semester, CTU announces a list of courses available in the schedule and instructors. With courses identified in the study plan, students choose appropriate courses and follow the schedule. To be considered an admission student, students must fulfill the admissions requirements: register at least 8 credits and a maximum up to 25 credits/semester. In summer semesters, courses are mainly for practical sessions and study tours, maximum of 8 credits.

Graduation criteria

Students have to complete all of the following requirements for graduation:

- Successfully complete the academic curriculum (160 credits) with the grading point average (GPA) of above 2.00,
- No academic admonishment.
- Meet other requirements in accordance with the CTU's regulations for graduation.

A graduation committee is established to evaluate whether the student is qualified and meets all the academic requirements. The members are the Heads of Department of Academic Affairs and Academic Secretary of CAF

Graduation classification depends on GPA:

Excellent:	GPA from 3.60 to 4.00
Very Good:	GPA from 3.20 to 3.59
Good:	GPA from 2.50 to 3.19
Average:	GPA from 2.00 to 2.49

Evaluation of Student learning

Results of students' learning are assessed during the period of each course via different forms including individual homework, group exercises, presentations, quizzes, midterm and final exams. Grading structures vary by courses; general grading ranges are as following:

- Individual homework, group exercises, and presentation: 20-30%
- Midterm exam: 20 -30%
- Final exam: at least 50%

The final grades are then converted into the 4-point scale (Table 3).

The grading results of all courses in a semester are then reported in a student's academic record (transcript) issued by Department of Academic Affairs at the end of each semester. The transcript also indicates the cumulative grade point (CGP). Both CGP and Grade Point Average (GPA) determine the status of learning capability of the student.

In addition, students' attitude, morality, and behavior are also evaluated via their participation in different extracurricular activities by the self-training development grading.

Grading system

The grading system is based on the credit-based system that is 4-scaled grading system. Conversion between letter and number grade is shown in Table 3.

Table 3: Conversion between letter and number grade

Score range (100)	Range (4-scaled grading)	Letter	Number	Pass/not pass
≥ 90	3.6-4.0	A	4	Pass
80 – 89	3.1-3.5	B ⁺	3.5	
70 – 79	2.4-3.0	B	3	
65 – 69	1.9-2.5	C ⁺	2.5	
55 – 64	1.6-2.0	C	2	
50 – 54	1.1-1.5	D ⁺	1.5	
40 – 49	0.1-1.0	D	1	
<40	0	F	0	Not pass

List of academic advisors (Table 4)

Course	Class ID	No. Students	Academic Advisor	Email
43	TS1713T1	14	Lam Mỹ Lan	lmlan@ctu.edu.vn
44	TS1813T1	20	Huỳnh Trường Giang	htgiang@ctu.edu.vn
45	TS1913T1	8	Nguyễn Thị Ngọc Anh	ntnanh@ctu.edu.vn
46	TS2013T1	23	Lam Mỹ Lan	lmlan@ctu.edu.vn
47	TS2113T1		Huỳnh Trường Giang	htgiang@ctu.edu.vn

Teaching Staff of APA

CAF has a permanent team of teaching staff to take over all specialized courses of the APA (Table 5). These teaching staff are all qualified with PhD degrees and graduated mostly from prestigious universities in the world.

Table 5: List of permanent teaching staffs of CAF, CTU participating in APA

No.	Names	Specialized fields	Year of graduation	Training country
1.	Prof. Nguyen Thanh Phuong	Aquaculture	1998	France
2.	AProf. Truong Quoc Phu	Aquaculture	2001	Viet Nam
3.	Prof. Nguyen Van Hoa	Aquaculture	2002	Belgium
4.	Prof. Vu Ngoc Ut	Applied Marine Biology	2003	UK
5.	AProf. Tran Thi Thanh Hien	Aquaculture	2004	Viet Nam
6.	Prof. Tran Ngoc Hai	Coastal management	2005	Thailand
7.	AProf. Ngo Thi Thu Thao	Marine Biology	2005	Korea
8.	Prof. Do Thi Thanh Huong	Aquaculture	2006	Japan
9.	AProf. Dang Thi Hoang Oanh	Aquatic pathology	2006	Australia
10.	AProf. Lam My Lan	Aquaculture	2006	Belgium
11.	AProf. Bui Minh Tam	Aquaculture	2007	Malaysia

12.	AProf. Tran Dac Dinh	Aquatic resources	2008	Malaysia
13.	AProf. Truong Hoang Minh	Coastal management	2009	Thailand
14.	Dr. Ha Phuoc Hung	Aquaculture	2009	Thailand
15.	AProf. Pham Thanh Liem	Aquaculture	2009	Malaysia
16.	AProf. Nguyen Thi Ngoc Anh	Aquaculture	2009	Belgium
17.	AProf. Duong Thuy Yen	Fish genetics	2010	USA
18.	AProf. Tu Thanh Dung	Aquatic pathology	2011	Belgium
19.	AProf. Vo Nam Son	Coastal management	2011	Thailand
20.	AProf. Tran Thi Tuyet Hoa	Aquatic pathology	2012	Netherlands
21.	Dr. Bui Thi Bich Hang	Aquatic pathology	2013	Belgium
22.	AProf. Hua Thai Nhan	Aquaculture	2014	USA
23.	Dr. Huynh Thanh Toi	Aquaculture	2014	Belgium
24.	AProf. Tran Minh Phu	Aquaculture	2015	Denmark
25.	AProf. Huynh Truong Giang	Aquaculture	2018	Taiwan
26.	Dr. Tran Le Cam Tu	Fish Nutrition	2020	Netherlands
27.	Dr. Tran Xuan Loi	Fish Ichthyology	2021	Japan

Especially, CAF has invited lecturers from the partner university, Auburn University, and other universities such as Asian Institute Technology (Thailand), King Mong cut Ghent University (Belgium), Nagasaki University (Japan) and Arhus University (Denmark) to give different courses for APA (Table 6).

Table 6: List of visiting lecturers from international universities participating in teaching at CAF

No.	Names	Course instructing	University	Country
1.	Prof. Claude Boyd	Water science	Auburn	USA
2.	AProf. William Hunter Daniels	Aquaculture production	Auburn	USA
3.	Prof. Gilbert Van Stappen	Live food production	Ghent	Belgium
4.	Prof. Atsushi Ishimatsu	General ichthyology	Nagasaki	Japan
5.	Prof. Fu Sung Chiang	Aquaculture economics	National Taiwan Ocean University	Taiwan
6.	Prof. Ching Chun Chen	Aquaculture economics	National Taiwan Ocean University	Taiwan
7.	AProf. Ananya Jarernpornnipat	Fisheries management	King Mongkut's Institute of Technology Ladkrabang	Thailand
8.	AProf. Wenresti Gallardo	Aquaculture planning	AIT	Thailand
9.	Dr. Ram C. Bhujel	Statistics & experimental design	AIT	Thailand
10.	Prof. Amaratne Yakupitiyage	Science Research Methodology	AIT	Thailand

In addition, a young and enthusiastic teaching assistant team who help instruct practical work in laboratories also contributes to APA (Table 7).

Table 7: List of teaching assistants

No.	Names	Specialized fields	Year of graduation	Training country
1	Dr. Ly Van Khanh	Aquaculture/reproduction	2013	Vietnam
2	Dr. Le Quoc Viet	Aquaculture/production	2013	Vietnam
3	Dr. Tran Nguyen Duy Khoa	Aquaculture/reproduction	2020	Japan
4	Dr. Tran Thi My Duyen	Aquaculture/biotechnology	2010	Netherlands
5	Dr. Nguyen Thi Thu Hang	Fish pathology	2016	Vietnam
6	Dr. Mai Viet Van	Fish resources	2014	Malaysia
7	Dr. Nguyen Thi Kim Lien	Aquaculture/Biomonitoring	2017	Vietnam
8	Dr. Nguyen Van Trieu	Aquaculture/reproduction	2014	Vietnam
9	Dr. Phan Thi Cam Tu	Bioresources science	2020	Japan

STUDENT SUPPORT UNITS

Several CTU's support units that students need to know, including:

1. Department of Student Assistance (DSA), website: <https://dsa.ctu.edu.vn>

- The tuition fee-free policy and the tuition fee reduction policy;
- Financial support;
- Social welfare;
- Scholarships;
- Healthcare: Contact: (0292) 3 872 115;
- Rewards (each academic years, graduation, others)/ Punishment at the university level;
- Allowances in unexpectedly difficult situations;
- Dormitory management: Receive applications; Arrange accommodation; Monitor students' complying with rules and regulations, keeping the environment clean and safe;
- Self-management activities of students living on-campus and off campus; Reward students who earn their achievements in the self management activities.
- Accident insurance and health insurance (compulsory)
- * Check the health insurance status on the website:
<https://baohiemxahoi.gov.vn/trcuu/pages/tra-cuu-thoi-han-su-dungthe-bhyt.aspx>
- Assessment of STS (see C);
- Support online registration to:
- * Confirm student loans at the locality;
- * Confirm the military service postpone;
- * Modify personal information;
- * Submit the copy of health insurance given by the locality.

2. Centre for Student Consultancy, Assistancy and Start-up (CSCAS) website:

<https://scs.ctu.edu.vn/>

- Job Search Assistance <https://vieclam.ctu.edu.vn/>
- Job Fair organisation
- Soft skill courses

- Startup training programs
- Extra-curriculum activities, contests and events
- Consultancy and assistance about learning, psychological and physical health, student exchange programs

3. Department of Academic Affairs, website:

- Be responsible for admission, study programmes, study planning, course registration;
- Issue academic transcripts, degrees and diplomas;
- Check and consider students' graduation requirements;
- Handle students' registration of the paralleled study programme
- Manage academic work.

4. Department of Financial Affairs

- Deliver scholarships, rewards to students;
- Be responsible for payment for scientific research;
- Monitor and handle tuition fee, other fees and charges.

5. Youth Union Office of CTU and CAF

- Be responsible for activities of Youth Union and Students' associations.
- Website CTU Youth Union: <https://yu.ctu.edu.vn/>
- CAF Young Union:
 - + Website: <https://caf.ctu.edu.vn/dang-doan-the/doan-thanh-nien.html>
 - + Office: Room 505/CAF building