

Schedule for thesis defense of advanced aquaculture class k34
From 16-17 Jan 2013

Deadline for thesis submit on December 20, 2012

Time	Thesis title	Student' name	Subcommittee
I. Aquatic pathology: DTH Oanh. TT Dung . PM Duc. TTT Hoa			
Date: 16 Jan 2013 Place: room A (floor 4)			
7.30-8.15	Flofenicol and Enrofloxacin resistance in heterotrophic bacteria isolated from striped catfish farms in the Mekong River Delta	Nguyen Dai Duong	DTHOanh, TTDung, TTTHoa
8.15-9.00	Flofenicol and Enrofloxacin resistance in heterotrophic bacteria isolated from snacked head fish and climbing perch farms in the Mekong River Delta	Dinh Viet Minh Nhat	DTHOanh, TTDung, TTTHoa
9.00-9.45	Identification and antibiotic sensitivity of <i>Vibrio</i> bacteria isolated from shrimp with acute hepatopancreatic necrosis syndrome	Quang Trong Phat	DTHOanh, TTDung, TTTHoa
10.00-10.45	Studies on fungal infection in stripped catfish (<i>Pangasianodon hypophthalmus</i>) in grow-out stage	Ngo Thi Mong Trinh	PMDuc, TTDung, TTTHoa
10.45-11.30	Studies on fungal infection in stripped catfish (<i>Pangasianodon hypophthalmus</i>) in hatchery stage	Le Duc Anh	PMDuc, TTDung, TTTHoa
13.30-14.15	Identification and infection of bacterial agents infected on clown knifefish (<i>Chitala chitala</i>) in the Mekong Delta	Nguyen Minh Tri	TTDung, PMDuc, TTTHoa
14.15-15.00	Antimicrobial susceptibility testing of genus <i>Vibrio</i> sp on Asian seabass, <i>Lates calcarifer</i> in the Mekong Delta	Tran Huu Tinh	TTDung, PMDuc, TTTHoa
II. Economic and aquatic resource : TD Dinh, LX Sinh, TH Minh			
Date: 16 Jan 2013 Room A (floor 4)			
15.00-15.45	Situation of giant freshwater prawn (<i>Macrobrachium rosenbergii</i>) cultured in flooding season on the rice field of Dong Thap and An Giang provinces	Truong Thanh Lam	TD Dinh, LX Sinh, TH Minh
15.45-16.30	Assessment on ASC certification application for catfish (<i>Pangasianodon hypophthalmus</i>) farmers in Can Tho City	Nguyen Thanh Toan	TD Dinh, LX Sinh, TH Minh

16.30-17.15	Some biological aspects of the goby <i>Oxyeleotris urophthalmus</i> (Bleeker, 1851) distributed in Can Tho-Soc Trang areas	Cao Ba Khanh	TĐ Đình, LX Sinh, TH Minh
III. Techlonogy and genetic: BM Tam. DT Yen. PT Liem			
Date: 16 Jan 2013 Room B (floor 4)			
7.30-8.15	Effects of steroid on artificial propagation of stripped catfish (<i>Pangasianodon hypophthalmus</i>)	Nguyen Minh LinL	BM Tam. DT Yen. PT Liem
8.15-9.00	Improving survival rate of stripped catfish (<i>Pangasianodon hypophthalmus</i>) fingerling by adding rotifer and actigen	Nguyen Thi Phi	BM Tam. DT Yen. PT Liem
9.00-9.45	Comparing and optimizing DNA extraction protocols for fish and shrimp samples	Nguyen Thi Mai	BM Tam. DT Yen. PT Liem
10.00-10.45	Comparison of Cytochrom oxidase subunit I (COI) gen between two strains of climbing perch (<i>Anabas testudineus</i>)	Pham Hoang Yen	BM Tam. DT Yen. PT Liem
10.45-11.30	Study on reproductive biology of suckermouth catfish <i>Hypostomus</i> sp. distributed in Cantho	Nguyen Quoc Trang	BM Tam. DT Yen. PT Liem
IV. Aquatic nutrient: TN Hai. TTT Hien. LM Lan			
Date: 16 Jan 2013 Room B (floor 4)			
13.30-14.15	Effect of pellet feed on feed utilization, survival and growth of Knife fish (<i>Chitala chitala</i>)"	Vo Thi Y Thu	TN Hai. TTT Hien. LM Lan
14.15-15.00	Effect of vitamin C and probiotics supplemented in pellet feed on the growth and survival rate of Cobia (<i>Rachycentron canadum</i>) fingerling	Dang Diem Tuong	TN Hai. TTT Hien. LM Lan
15.00-15.45	Effects of salinity on growth and survival rate of fry and fingerling of Cobia (<i>Rachycentron canadum</i>)	Pham Nguyen Duy	TN Hai. TTT Hien. LM Lan
15.45-16.30	Comparing different methods to determine digestibility of snakehead (<i>Channa striata</i>) juvenile	Nguyen Thi Thu Ngan	TN Hai. TTT Hien. LM Lan
16.30-17.15	Study on the replacement of fishmeal protein by soybean meal protein on <i>Chitala chitala</i> juvenile	Nguyen Nhat Minh Quang	TN Hai. TTT Hien. LM Lan
V. Aquatic physiology and toxiology: NT Phuong. DTT Huong. TM Phu			
Date: 17 Jan 2013 Room A (floor 4)			

7.30-8.15	Effects enrofloxacin and ciprofloxacin on non-target aquatic organisms: algae (<i>Chorella</i> sp.) and invertebrate (<i>Moina</i> sp.)	Nguyen Le Nhat Khoa	NT Phuong, DTT Huong, TM Phu.
8.15-9.00	Study on the efficacy of vitamin C on stress reduction of <i>Pangasianodon hypophthalmus</i> catfish under transportation condition	Lam Tien Mai	NT Phuong, TM Phu, DTT Huong
9.00-9.45	Study on the changes of plasma cortisol, glucose and hematological parameters of <i>Pangasianodon hypophthalmus</i> catfish under practical transportation conditions	Le Thi Hong Gam	NT Phuong, TM Phu, DTT Huong
10.00-10.45	Risk assessment for the residues of common pesticides in aquatic products	Vo Hung Vuong	NT Phuong, TM Phu, DTT Huong
10.45-11.30	Application and hazards of probiotic, disinfectant and antimicrobial usage in the striped catfish (<i>Pangasianodon hypophthalmus</i>) and black tiger shrimp (<i>Penaeus monodon</i>) cultured in the Mekong delta, Viet Nam	Huynh Phuoc Vinh	NT Phuong, TM Phu, DTT Huong

VI. Water environmental and natural food: VN Ut. NV Hoa. NTN Anh

Date: 17 Jan 2013 Room B (floor 4)

7.30-8.15	Study on bio-floc in fertilization pond at different salinities	Tran Hoang Chien	VN Ut. NV Hoa. NTN Anh
8.15-9.00	Determination of suitable food for Artemia in intensive culture system	Bui Thanh Dieu	VN Ut. NV Hoa. NTN Anh
9.00-9.45	Determination of the most suitable live feed for striped catfish (<i>Pangasianodon hypophthalmus</i>) fries during the first 20 days post-hatching	Huynh Le Ngoc Thu Tram	VN Ut. NV Hoa. NTN Anh
10.00-10.45	Comparison of growth among different tiger shrimp strains (<i>Penaeus monodon</i>) presently cultured in the Mekong Delta	Bui Quang Thang	VN Ut. NV Hoa. NTN Anh
10.45-11.30	Evaluating potential use of gut weed (<i>Enteromorpha</i> sp.) as food source for Tilapia: effect on growth and fish quality	Dam Phuoc Hien	VN Ut. NV Hoa. NTN Anh

Schedule for thesis defense
Advanced aquaculture class k35
Date: Friday 27 December 2013

Time	Thesis title	Supervisor' name	Subcommittee
Date: Friday 27 Dec 2013; Room A (floor 4); Thesis will submit to TTT Hoa until 24 Dec 2013			
7.30-8.15	Characterization of pathogenic bacteria from cobia <i>Rachycentron canadum</i> (Linnaeus, 1766) cultured in Nhatrang bay, Vietnam	Dang Thi Hoang Oanh	DTHOanh, TTDung, TTTHoa
8.15-9.00	Characterization of pathogenic bacteria from Silver Pomfret (<i>Pampus Argenteus</i>) cultured in Nhatrang bay, Vietnam	Tran Thi My Duyen Dang Thi Hoang Oanh	DTHOanh, TTDung, TTTHoa
9.00-9.45	Antimicrobial susceptibility testing of bacterial agents infected on clown knifefish (<i>Chitala chitala</i>) in the Mekong Delta	Tu Thanh Dung	TTDung, DTH Oanh, TTTHoa
9.45-10.30	Optimized RT-PCR assay for detection of Infectious Myonecrosis Virus (IMNV)	Tran Thi Tuyet Hoa	TTTHoa, DTH Oanh, TTDung
Date: Friday 27 Dec 2013; Room A (floor 4); Thesis will submit to PT Liem until 24 Dec 2013			
10.30-11.15	Dietary lipid requirement of mudskipper (<i>Pseudapocryptes elongatus</i>)	Tran Thi Thanh Hien	TTT Hien, DT Yen, PT Liem
13.30-14.15	Stimulating artificial propagation of fire eel (<i>Mastercembelus erythrotaenia</i>) using different hormones	Bui Minh Tam	BM Tam, DT Yen, PT Liem
14.15-15.00	Study on the digestive tract development of snakehead fish (<i>Channa striata</i>) larvae	Pham Thanh Liem	PT Liem, DT Yen, BM Tam
15.00-15.45	Genetic diversity of climbing perch (<i>Anabas testudineus</i>) populations based on RAPD-PCR	Duong Thuy Yen	DT Yen, BM Tam, PT Liem
Date: Friday 27 Dec 2013; Room A (floor 4); Thesis will submit to HT Giang until 24 Dec 2013			
15.45-16.30	Effects of Frusto-Oliogosacharide (FOS) on digestive enzymes of triped catfish (<i>Pangasionodon hyphophthalmus</i>)	Do Thi Thanh Huong	NT Phuong, DTT Huong, HT Giang
16.30-	Effects of salinities on selected physiological and biochemical parameters of triped	Nguyen Thanh	NT Phuong, DTT Huong,

17.00	catfish (<i>Pangasianodon hypophthalmus</i>) rearing in the ponds	Phuong	HT Giang
17.00-17.30	Effect of Calcium-Magnesium-Phosphorus ratio in water circulation system on growth performance and survival rate of white shrimp <i>Litopenaeus vannamei</i>	Huynh Truong Giang	NT Phuong, DTT Huong, HT Giang

Schedule for thesis defense
Advanced aquaculture class k35
Date: Friday 27 December 2013

Date: Friday 27 Dec 2013; Room B (floor 4); Thesis will submit to PM Duc until 24 Dec 2013

7.30-8.15	Replacement of fishmeal and soybean meal with <i>Artemia</i> biomass and gut weed meal in shrimp diets	Nguyen Thi Ngoc Anh	NTN Anh, PM Duc, NTT Thao
8.15-9.00	The effects of probiotic on quality of Postlavage of whiteleg shrimp (<i>Litopenaeus vannamei</i>)	Pham Minh Duc Chau Tai Tao	PM Duc, NTT Thao, NTN Anh
9.00-9.45	Effects of different diets and stocking densities on growth, condition factor and survival rate of fresh water snail <i>Pila polita</i>	Ngo Thi Thu Thao	NTT Thao, PM Duc, NTN Anh

Date: Friday 27 Dec 2013; Room B (floor 4); Thesis will submit to TH Minh until 24 Dec 2013

9.45-10.30	An assessment on the current management and value chain of organic shrimp production in Ca Mau province	Truong Hoang Minh	TQ Phu, TN Hai, TH Minh
10.30-11.15	Super-intensive culture of white shrimp, <i>Litopenaeus vannamei</i> , in a water circulation system at different stocking densities	Truong Quoc Phu	TQ Phu, TN Hai, TH Minh
13.30-14.15	Study on water quality, food selection, growth and survival of cobia (<i>Rachycentron canadum</i>) larvae reared in fertilized ponds	Tran Ngoc Hai Ly Van Khanh	TQ Phu, TN Hai, TH Minh

Date: Friday 27 Dec 2013; Room B (floor 4); Thesis will submit to TLC Tu until 24 Dec 2013

14.15-15.00	Natural food composition in the pond and digestive tract of stripped catfish during nursery stage	Vu Ngoc Ut	VN Ut, TD Dinh, TLC Tu
15.00-15.45	Effects of ingredient partical sizes and binders on characteristics of fecal waste of striped catfish (<i>Pangasionodon hyphophthalmus</i>)	Tran Le Cam Tu	VN Ut, TD Dinh, TLC Tu
15.45-16.30	Some aspects of biology of the vermiculated sailfin catfish (<i>Pterygoplichthys disjunctivus</i> Weber, 1991) in Cantho-An Giang area	Tran Dac Dinh	VN Ut, TD Dinh, TLC Tu

Schedule for thesis research proposal defense

Advanced Aquaculture batch 36

Date: Friday, 18 April 2014

Time	Thesis title	Student name	Supervisor name	Subcommittee
Date: Friday 18 April 2014; Room A (4th floor); Thesis research proposal will submit to PM Duc until 15 April, 2014				
8.00-8.30	Analising of phylogenetic diversity on <i>Aeromonas hydrophila</i> isolated from stripe catfish (<i>Pangasianodon hypophthalmus</i>) in the Mekong Delta	Lâm Cẩm Oanh	TT Dung	TTDung, TTTHoa, PMDuc
8.30-9.00	Rapid detection of <i>Streptococcus iniae</i> in fish tissue by PCR	Ngô Minh Phương	TTT Hoa	TTTHoa, TTDung, PMDuc
9.00-9.30	<i>In Vitro</i> inhibition of fungi infection stripped catfish (<i>Pangasianodon hypophthalmus</i>) by chemicals and antifungal agents	Võ Ngọc Duyên	PM Duc	PMDuc, TTDung, TTTHoa
Date: Friday 18 April 2014; Room A (4th floor); Thesis research proposal will submit to TLC Tu until 15 April, 2014				
9.30-10.00	Digestibility of essential amino acid in different ingredients of striped catfish (<i>Pangasianodon hypophthalmus</i>) diet	Lý Minh Quân	TTT Hien	TTT Hien, TLC Tu, NV Hoa
10.00-10.30	Effect of different guar gum levels in diet on growth performance, feed efficiency of striped catfish (<i>Pangasianodon hypophthalmus</i>)	Trần Thị Phụng Hằng	TLC Tu	TLC Tu, TTT Hien, NV Hoa
10.30-11.00	Primary study on Feed formulation for Artemia culture	Trần Đình Huy	NV Hoa	NV Hoa, TTT Hien, TLC Tu
<p>The revised thesis research proposal (3) will submit by 28 April, 2014 to PM Duc</p>				

Schedule for thesis research proposal defense
Advanced Aquaculture batch 36
Date: Friday, 18 April 2014

Time	Thesis title	Student name	Supervisor name	Subcommittee
Date: Friday 18 April 2014; Room B (4th floor); Thesis research proposal will submit to NTN Anh until 15 April, 2014				
8.00-8.30	Effects of light intensity on formulation of bioflocs, water quality, growth and survival rates of white leg shrimp postlarvae in super-intensive tank rearing systems	Phạm Thành Nhân	TN Hai TM Nhut	TN Hai, HT Giang, NTN Anh
8.30-9.00	Effects of polysaccharide extracted from brown seaweed <i>Sargassum microcystum</i> on growth performance of the white shrimp <i>Litopenaeus vannamei</i> via dietary administration, under outdoor culture tanks	Châu Ngọc Sơn	HT Giang	HT Giang, TN Hai, NTN Anh
9.00-9.30	Effect of different fertilizers and substrates on growth of sea grape (<i>Caulerpa lentillifera</i>)	Nguyễn Anh Thư	NTN Anh	NTN Anh, TN Hai HT Giang
Date: Friday 18 April 2014; Room B (4th floor); Thesis research proposal will submit to DT Yen until 15 April, 2014				
9.30-10.00	DNA barcoding gene (COI) of <i>Channa</i> species in the Mekong Delta	Nguyễn Thị Ngọc Trân	DT Yen	DT Yen, PT Liem, VN Ut
10.00-10.30	Trials on mass culture of copepod (<i>Schmackeria dubia</i>) in large scales	Phuong Hồng Khánh	VN Ut	VN Ut, PT Liem, DT Yen
10.30-11.00	Effect of different stimulating hormones on spermatogenesis of <i>Clarias gracilentus</i>	Trương Ái Ngân	PT Liem	PT Liem VN Ut, DT Yen

The revised thesis research proposal (3) will submit by 28 April, 2014 to PM Duc

Schedule for thesis research proposal defense
Advanced Aquaculture batch 36
Date: Friday, 18 April 2014

Time	Thesis title	Student name	Supervisor name	Subcommittee
Date: Friday 18 April 2014; Room B (4th floor); Thesis research proposal will submit to NTT Thao until 15 April, 2014				
14.00-14.30	Technical and economical aspects of <i>Artemia</i> farming systems in Soc Trang and Bac Lieu provinces, Vietnam	Hồng Thị Hải Yến	NT Long NV Hoa	VN Son, NT Phuong NV Hoa
14.30-15.00	The chemicals and probiotics use in intensive ponds of White-leg shrimp	Hồ Minh Trung	VN Son NT Phuong	VN Son, NT Phuong, NTT Thao
14.30-15.00	Study on the use of chemical and herb compounds for anaesthetic of striped catfish fingerling and market table sizes (<i>Pangasianodon hypophthalmus</i>)	Phạm Văn Lâu	NT Phuong NTK Ha	NT Phuong, VN Son, NTT Thao
15.30-16.00	Effects of chitosan on flocculation of <i>Chaetoceros</i> algae and ability to apply on mollusc rearing	Phạm Thị Hồng Ái	NTT Thao	NTT Thao, VN Son, NT Phuong

The revised thesis research proposal (3) will submit by 28 April, 2014 to PM Duc

Note:

- *Each supervisor offers 1 thesis title for 1 student.*
- *Research budget: 10 million VND per student (or one research proposal).*
- *Dissertations written in English.*

II. Plan for thesis implementation

No.	Contents	Period of time
1	Registration for thesis title by staff	Dead line: January 20, 2014
2	Selection and registration for thesis by students	January 21 – 24, 2014
3	Writing research proposal	February 10 – March 31, 2014
4	Submitting research proposal	15 April, 2014
5	Defending research proposal	18 April 2014
6	Implementing research	May 1– Nov 15, 2014
7	Submitting thesis	December 8, 2014
8	Defending thesis	December 12, 2014

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CAN THO UNIVERSITY
COLLEGE OF AQUACULTURE AND FISHERY

**USE OF *ARTEMIA* BIOMASS AND GUT WEED MEAL AS
PROTEIN SOURCE IN PRACTICAL DIETS FOR THE BLACK
TIGER SHRIMP (*Penaeus monodon*)**

By
TA XUAN DUY

**A thesis submitted in partial fulfillment of the requirements for
The degree of Bachelor of Aquaculture**

Can Tho, December 2013

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Supervisor

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Can Tho, December 2013

IV

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2013

CAN THO UNIVERSITY
COLLEGE OF AQUACULTURE & FISHERIES



DIETARY LIPID REQUIREMENT
FOR MUDSKIPPER (*Pseudapocryptes elongatus*, Cuvier 1816)

By

NGUYEN VINH TIEN

A thesis submitted in partial fulfillment of the requirements for the degree of
Bachelor of Aquaculture Science

Can Tho, December 2013

KHOA THỦY SẢN

THƯ VIỆN

CAN THO UNIVERSITY
COLLEGE OF AQUACULTURE & FISHERIES

DIETARY LIPID REQUIREMENT
FOR MUDSKIPPER (*Pseudapocryptes elongatus*, Cuvier 1816)

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Supervisor

Assoc. Prof. TRAN THI THANH HIEN

Can Tho, December 2013