

GET ENLIGHTENED IN THE CRADLE OF ASIAN AQUACULTURE



- Certificate program leading to regular Master's Degree at AIT
- Flexible entry requirements (Credit and non credit options)
- Duration - One semester
- Includes 3 months of practical experience on Asian Aquaculture
- Beginning August 2017 semester

CERTIFICATE PROGRAM ON SUSTAINABLE ASIAN AQUACULTURE

- Unique opportunity to learn Asian Aquaculture technologies
- Hands-on experience at a Thai Shrimp/Fish Hatchery/Farm
- Get close to the innovative Thai aquaculture industry



**Apply
before 30
June 2017**



Course Fee: 6600 US\$/semester
(exclusive of lodging, living, insurance, and other expenses)

Study Options	Credits	Duration	Course Fees (USD)
Course work only	6	3 months	3600
Aquaculture Experience only	6	3 months	3600
Certificate Degree	12	6 months	6600



Programme Outline	
Module 1	Principles of Aquaculture <ul style="list-style-type: none"> ● Aquaculture Systems and Practices ● Freshwater Aquaculture (carps, tilapia and prawns) ● Marine Finfish Farming (sea bass and groupers) ● Smart Shrimp Farming
Module 2	Management of Aquaculture Production <ul style="list-style-type: none"> ● Water Quality Management ● Nutrition and Feed Technology ● Health Management in Aquaculture ● Breeding, Hatchery Management and Genetics
Module 3	Integrated Aquaculture systems <ul style="list-style-type: none"> ● Global Overview of Integrated Aquaculture ● Integrated Multi-trophic Aquaculture (IMTA) ● Aquaponics
Module 4	Recirculating Aquaculture Systems <ul style="list-style-type: none"> ● RAS Design and Engineering ● RAS Operation and Management ● Commercial Recirculating Systems
Module 5	Biofloc and Aquamimicry Technologies <ul style="list-style-type: none"> ● Basic Principles of Biofloc Technology ● Management of Commercial Shrimp Biofloc Systems ● Aquamimicry Technology – Principles and Management
Module 6	Seafood marketing and economics <ul style="list-style-type: none"> ● Trends in Global Seafood Marketing and Trade ● Seafood Certification and Traceability
Module 7	Asian Aquaculture Experience (Specialization) <ul style="list-style-type: none"> ● Tilapia Seed Production and Grow-out ● Shrimp Hatchery Experience ● Shrimp Farm Experience ● Marine Fish Hatchery Experience

Please Contact :

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AQUACULTURE AND AQUATIC RESOURCES MANAGEMENT (AARM)
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ASIAN INSTITUTE OF TECHNOLOGY, THAILAND

CERTIFICATE COURSE ON SUSTAINABLE ASIAN AQUACULTURE -
RESOURCE PERSONS

	Prof. Peter Edwards Emeritus Professor, Asian Institute of Technology, Thailand (Integrated Aquaculture Systems)		Prof. Chang-Kwei Lin Emeritus Professor, Asian Institute of Technology, Thailand (Integrated Multitrophic Aquaculture)
	Prof. Patrick Sorgeloos Emeritus Professor, Ghent University, Belgium (Advances in Feeds and Feeding Management in Hatcheries)		Dr. Nyan Taw International Consultant, Malaysia (Biofloc Technology for Shrimp Farming)
	Prof. Boonsirm Withyachumnarnkul Emeritus Professor, Centex Shrimp, Mahidol University, Thailand (Disease diagnostics and Health Management in Aquaculture)		Dr. Chalor Limsuwan Associate Professor, Dept. of Fishery Biology, Kasetsart University, Thailand (Asian Shrimp Farming BMPs)
	Dr. Shrinivas Jahageerdar Principal Scientist, Central Institute of Fisheries Education, India (Marker assisted breeding for genetic improvement)		Mr. Veerasun Prayotamornkul Founder, Thai Organic Shrimp Group, Thailand (Novel Aquamimicry Technology- Development and Practice)
	Dr. James Ebeling International Consultant, USA (Recirculating Aquaculture Systems – Concepts, Design and Engineering of RAS)		Dr. Vorathep Muthuwan Deputy Director, Institute of Marine Sciences, Burapha University, Thailand (Marine Recirculating Aquaculture Systems)
	Prof. Lanhai Li Professor and Director, XIEG, Xinjiang, China (Nutrient Dynamic Modelling in Aquaculture Production Systems)		Ms. Emmanuelle Bourgois Founder and CEO, FairAgora Asia, Thailand (Seafood Safety, Standards and Certification)
	Dr. Thumronk Amornsakun Associate Professor Prince of Songkla University, Thailand (Hatchery production of fish)		Dr. Derun Yuan Coordinator, Education & Training Programs, NACA, Thailand (Aquaculture Production Systems)
	Dr. Kriengkrai Satapornvanit Kasetsart University, Thailand (Water Quality Management in Aquaculture)		Dr. Amara Yakupitiyage Adjunct Professor, AIT, Thailand (Feeding and Feed Technology in Aquaculture)
	Dr. Peeyush Soni Associate Professor, AIT, Thailand (Aquaculture Engineering Principles)		Dr. Krishna R. Salin Course Coordinator, AARM, AIT, Thailand (Applied Genetics and Aquaculture Stock Improvement)