

Department of Aquatic Animal Health Management

The Department of Aquatic Animal Health Management offers MFSc and PhD in Aquatic Animal Health Management. The Fish Diseases and Management, a 2+2 credit course for the Bachelor of Fisheries Science (BFSc) students is also offered by the Department. As part of the Experiential Learning Programme in the final semester of BFSc, the students who have undertaken 'Aquaculture' undergo a one month hands on training programme in 'Aquaclinic', during which they undertake on farm disease surveillance apart from carrying out the various levels of diagnosis for fish/shrimp diseases in the lab.

The subjects under MFSc programme in Aquatic Animal Health Management are:

AAH 501* VIRAL AND BACTERIAL DISEASES OF FINFISH AND SHELLFISH 2+1 ,
AAH 502* PARASITIC DISEASES OF FINFISH AND SHELLFISH 2+1
AAH 503* HEALTH MANAGEMENT IN AQUACULTURE 2+1
AAH 504* SYSTEMIC FISH PATHOLOGY 2+1
AAH 505 FISH IMMUNOLOGY 2+1
AAH 506 MICROBIOLOGICAL TECHNIQUES 1+1
AAH 507 FISH VIROLOGY AND CELL CULTURE 2+1
AAH 508 CLINICAL PATHOLOGY 1+1
AAH 509 NON-INFECTIOUS AND FUNGAL DISEASES 1+1
AAH 510 AQUATIC ENVIRONMENT AND FISH HEALTH 1+1
AAH 511 DIAGNOSTIC TECHNIQUES 1+1
AAH 591 MASTER'S SEMINAR 1+0
AAH 599 MASTER'S RESEARCH 20
AAH 601** FISH AND SHELLFISH VIROLOGY 2+1
AAH 602** ADVANCES IN PARASITOLOGY 2+1
AAH 603** MOLECULAR MECHANISMS IN DISEASE PROCESS 2+1
AAH 604 CRUSTACEAN PATHOLOGY 1+1
AAH 605 FISH PHARMACOLOGY 2+1
AAH 606 BIOTECHNOLOGICAL TOOLS IN DISEASE DIAGNOSIS 1+1
AAH 607 PUBLIC HEALTH MICROBIOLOGY AND EPIDEMIOLOGY 2+1
AAH 608 MOLECULAR TECHNIQUES IN MICROBIOLOGY 1+1
AAH 609 FISH MYCOLOGY AND VIROLOGY 1+1
AAH 691 DOCTORAL SEMINAR I 1+0
AAH 692 DOCTORAL SEMINAR II 1+0
AAH 699 DOCTORAL RESEARCH 45

* Compulsory for Master's programme; ** Compulsory for Doctoral programme

FACILITIES

1. Pathology lab
2. Histopathology lab
3. Microbiology lab
4. Molecular biology lab
5. Wet lab for disease studies

