

1. Aquaculture

M.F.Sc. Aquaculture

Core Courses (16 credits)

FAC-521	Sustainable Aquaculture	2(1-0-1)
FAC-561	Advanced Freshwater Aquaculture	2(1-0-1)
FAC-570	Soil and Water Quality management in Aquaculture	2(1-0-1)
FAC-571	Seed Production and Hatchery Management of Finfish and Shellfish	3(2-0-1)
FAC-665	Aquatic Animal Health Management	3(2-0-1)
FAC-670	Advances in Fish Nutrition and Feed Technology	3(2-0-1)
FAC-600	Master's Seminar	1

Sub Total 16

Basic Supporting Courses (6 credits)

TID-502	Aquaculture Engineering	2(1-0-1)
BPS-661	Experimental statistics	4(3-0-1)

Sub Total 6

Optional/Minor Courses (8 credits)

8

Thesis Research (20 credits)

FAC-690	Master's Thesis Research	20
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Total 50

Compulsory Courses for Minor for Other Discipline

FAC-521	Sustainable Aquaculture	2(1-0-1)
FAC-561	Advanced Freshwater Aquaculture	2(1-0-1)

List of Courses of the department

FAC-521	Sustainable Aquaculture	2(1-0-1)
FAC-550	Advanced Techniques in Brackish and Marine Aquaculture	2(1-0-1)
FAC-561	Advanced Freshwater Aquaculture	2(1-0-1)
FAC-570	Soil and Water Quality management in Aquaculture	2(1-0-1)
FAC-571	Seed Production and Hatchery Management of Finfish and Shellfish	3(2-0-1)
FAC-600	Master's Seminar	1
FAC-601	Special Problem	1
FAC-615	Trout and Mahseer Fish Farming Techniques	2(1-0-1)
FAC-620	Larval Nutrition and Culture of Food Organisms	2(1-0-1)
FAC-625	Applied Genetics in Aquaculture	2(1-0-1)
FAC-660	Seed Production and Hatchery Management of Finfish and Shellfish	3(2-0-1)
FAC-665	Aquatic Animal Health Management	3(2-0-1)
FAC-670	Advances in Fish Nutrition and Feed Technology	3(2-0-1)
FAC-673	Integrated Fish Farming and Waste Recycling	2(1-0-1)
FAC-690	Master's Thesis Research	20

2. Fishery Biology

M.F.Sc. (Fishery Biology)

Core Courses (17 credits)

FFB-611	Inland Fisheries Resources	3(2-0-1)
FFB-615	Marine Fisheries Resource Management	2(2-0-0)
FFB-621	Ecosystems, Biodiversity and Conservation	3(2-0-1)
FFB-625	Fish Stock Assessment	2(1-0-1)
FFB-631	Feeding and Reproductive Biology of Finfish	3(2-0-1)
FFB-635	Developmental Biology of Finfish and Shellfish	3(2-0-1)
FFB-600	Master's Seminar	1(0-0-1)

Sub Total 17

Basic Supporting Courses (3 credits)

BPS-561	Statistical Methods	3(2-0-1)
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Optional/Minor Courses (10 credits)

10

Thesis Research (20 credits)

FFB-690	Master's Thesis Research	20
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Total 50

Ph.D. (Fisheries Resource Management)

Core Courses (11 credits)

FFB-711	Assessment of Aquatic Biodiversity	2(1-0-1)
FFB-715	Applications of Fisheries Models in Stock Assessment	2(1-0-1)
FFB-721	Conservation and Management of Exploited Fisheries Resources	2(1-0-1)
FFB-725	Management of Inland Fishery Resources	3(2-0-1)
FFB-788	Doctoral Seminar-I	1
FFB-789	Doctoral Seminar-II	1

Sub Total 11

Basic Supporting Courses (4 credits)

BPS-661	Experimental Statistics	4(3-0-1)
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Optional Courses (5 credits)

5

Minor Courses (10 credits)

10

Thesis Research (45 credits)

FFB-790	Ph.D. Thesis Research	45
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Total 75

List of Courses of the department

FFB-511	Modern Techniques in Ichthyotoxonomy	2(1-0-1)
FFB-515	Fisheries Regulations	2(2-0-0)
FFB-521	Remote Sensing and GIS for Fisheries Management	2(1-0-1)
FFB-600	Master's Seminar	1
FFB-601	Special Problem	1-2
FFB-611	Inland Fisheries Resources	3(2-0-1)
FFB-615	Marine Fisheries Resource Management	2(2-0-0)
FFB-621	Ecosystems, Biodiversity and Conservation	3(2-0-1)
FFB-625	Fish Stock Assessment	2(1-0-1)
FFB-631	Feeding and Reproductive Biology of Finfish	3(2-0-1)
FFB-635	Developmental Biology of Finfish and Shellfish	3(2-0-1)
FFB-641	Advanced Biology of Crustaceans and Molluscs	2(1-0-1)
FFB-645	Fish Genetics, Sex Control and Hybridization	2(1-0-1)
FFB-651	Data Collection and Estimation of Exploited Fisheries Resources	2(0-0-2)
FFB-655	Issues in Capture Fisheries	2(1-0-1)
FFB-661	Fisheries Environmental Assessment	2(1-0-1)
FFB-690	Master's Thesis Research	20
FFB-711	Assessment of Aquatic Biodiversity	2(1-0-1)
FFB-715	Applications of Fisheries Models in Stock Assessment	2(1-0-1)
FFB-721	Conservation and Management of Exploited Fisheries Resources	2(1-0-1)
FFB-725	Management of Inland Fishery Resources	3(2-0-1)
FFB-731	Marine Fishery Resources	2(2-0-0)
FFB-735	Development Biology of Fish	2(1-0-1)
FFB-741	Advances in Feeding, Growth and Reproduction in Finfish	2(1-0-1)
FFB-745	Management and Conservation of Fish Genetic Resources	2(2-0-0)
FFB-788	Doctoral Seminar-I	1
FFB-789	Doctoral Seminar-II	1
FFB-790	Ph.D. Thesis Research	45