

**M.F.Sc. (AEM) PG Course Programme (As per BSMA
recommendation)**

Course No	Course Title	Credit Hours
MAJOR COURSES		(20 Credits)
FEM- 615	Fisheries Oceanography	2(1-0-1)
FEM- 632	Coastal Ecology and Management	3 (2-0-1)
FEM- 655	Advanced Aquatic Environment and Biodiversity	3 (2-0-1)
FEM- 656	Inland Aquatic Resource Management	3 (2-0-1)
FEM- 660	Chemical Interactions in Aquatic Environment	3 (2-0-1)
FEM- 661	Analytical Techniques in Environmental Sciences	2 (1-0-1)
FEM- 662	Climate Change: Impact and Management	1 (1-0-0)
FEM- 671	Aquatic Pollution and Management	3 (2-0-1)
MINOR/ OPTIONAL COURSES (600/500 series)		(08 Credits)
Minor courses will be taken from any one department (other than major department) OR Optional courses will be taken from any department (s) (including major department)		
SUPPORTING COURSES		(06 Credits)
BPS- 625	Statistical Methods	3 (2-0-1)
FAC-617	Soil and Water Quality Management in Aquaculture	3 (2-0-1)
COMMON COURSES		(05 Credits)
BHS 611	Library and Information Services	1 (0-0-1)
BHS 500	Technical Writing and Communication Skills	1 (0-0-1)
AGP 518	Intellectual Property and its Management	1 (1-0-0)
BPC506	Basic Concepts in Laboratory Techniques	1 (0-0-1)
BHS/ AAC502	Research, Research Ethics and Rural Development Programmes	1 (1-0-0)
MASTER'S SEMINAR		(01 Credits)
FEM 688	Master's Seminar	1
MASTER'S THESIS RESEARCH		(30 Credits)
FEM 690	Master's Thesis Research	30
Total Credits		70
Minor courses (For other Departments)		
FEM- 636	Plankton Ecology and Trophic Dynamics	2 (1-0-1)
FEM- 641	Aquatic Microbiology	2 (1-0-1)
FEM- 643	Restoration Ecology	2 (1-0-1)
FEM- 646	Eco- toxicology	2 (1-0-1)

Courses offered for B.F.Sc. (UG) Degree Programme (As per NEP-2020)

S. No.	Course No.	Course title	Credit hours
1.	FEMN- 111	Fundamental Microbiology	2 (1-0-1)
2.	FEMN-112	Soil And Water Chemistry	3 (2-0-1)
3.	FEMN-113	Meteorology and Geography	2 (1-0-1)
4.	FSEN- 114	Analytical techniques (Testing of water, soil. Feed etc.)	2 (0-0-2)
5.	FEMN- 121	Limnology	2 (1-0-1)
6.	FEMN- 311	Marine Biology	2 (1-0-1)
7.	FEMN- 312	Aquatic Ecology and Biodiversity	2 (1-0-1)
8.	FEMN- 321	Coastal Zone Management	2 (1-0-1)
9.	FEMN- 324	Analytical Techniques in Aquatic Environmental Studies	3 (2-0-1)
10.	FEMN- 411	Aquatic Pollution	3 (2-0-1)
11.	FEMN- 412	Fishery Oceanography	3 (2-0-1)
12.	FEMN- 413	Aquatic Microbiology	2 (1-0-1)
13.	FEMN- 414	Climate Change and its Impact on Fisheries	2 (2-0-0)