

Faculty of Natural Resources, Department of Fisheries, BSc of Fisheries Science and Engineering

No	Course	Credits	Level Undergraduate/ postgraduate (Master/PhD)	Semester (Spring/Fall)	Lecturer
1	General Mathematics	3	Undergraduate	Fall	
2	General Chemistry	3	Undergraduate	Fall	
3	Botany Morphology and Systematics	3	Undergraduate	Fall	
4	Zoology	3	Undergraduate	Fall	Dr. Erfan Karimian
5	General Physics	2	Undergraduate	Spring	
6	General Ecology	2	Undergraduate	Spring	Dr. Shahram Kaboodvandpour
7	Principles of Cell and Molecular Biology	2	Undergraduate	Spring	
8	Organic Chemistry	3	Undergraduate	Spring	
9	Applied Computer Technology	2	Undergraduate	Spring	Dr. Habib Mohammadi
10	Meteorology	3	Undergraduate	Fall	
11	General Soil Sciences	2	Undergraduate	Fall	Dr. Vahid Hoseini

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12	General Microbiology	3	Undergraduate	Fall	Dr. Farzad Ghiasi
13	General Ichthyology	3	Undergraduate	Fall	Dr. Barzan Bahrami Kamangar
14	General Biochemistry	3	Undergraduate	Fall	Dr. Raheleh Shakeri
15	Statistics	3	Undergraduate	Fall	Dr. Loghman Ghahremani
16	Fish and Aquatics Taxonomy	3	Undergraduate	Spring	Dr. Farzad Ghiasi/Dr. Loghman Maleki
17	General Genetics	2	Undergraduate	Spring	Dr. Hedieh Badakhshan
18	General Hydrobiology	2	Undergraduate	Spring	Dr. Habib Mohammadi
19	Animal Physiology	2	Undergraduate	Spring	Dr. Barzan Bahrami Kamangar
20	Principles of Aquaculture	2	Undergraduate	Spring	Dr. Barzan Bahrami Kamangar
21	Hydrotechniques and Pond Design	2	Undergraduate	Spring	Dr. Seyed Ali Johari
22	Fish Catching Tools	2	Undergraduate	Spring	Dr. Vahid Zadmajid

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23	Professional Foreign Language	2	Undergraduate	Fall	Dr. Vahid Zadmajid
24	An Introduction to Refrigerating Facilities	2	Undergraduate	Fall	Dr. Mohammad Khezri
25	Principles of Aquatics Breedings	2	Undergraduate	Fall	Dr. Seyed Ali Johari
26	Freshwater Aquaculture	3	Undergraduate	Fall	Dr. Barzan Bahrami Kamangar/ Dr. Vahid Zadmajid
27	Limnology	3	Undergraduate	Fall	Dr. Habib Mohammadi
28	Marin Ecology	2	Undergraduate	Fall	Dr. Habib Mohammadi
29	Fundamentals of Remote Sensing	2	Undergraduate	Fall	Dr. Mahtab PirBavaghar
30	Hydrochemistry	2	Undergraduate	Spring	Dr. Farzad Ghiasi
31	Marine Aquaculture	3	Undergraduate	Spring	Dr. Seyed Ali Johari/ Dr. Vahid Zadmajid
32	Geographic Information System (GIS)	2	Undergraduate	Spring	Dr. Mahtab PirBavaghar
33	Introduction to Natural Resources	3	Undergraduate	Spring	Dr. Vahid Zamani

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34	Ornamental Fish Culture	2	Undergraduate	Spring	Dr. Seyed Ali Johari
35	Aquatics Hygiene and Disease	3	Undergraduate	Spring	Dr. Farzad Ghiasi
36	Principles of Aquatic Nutrition	3	Undergraduate	Spring	Dr. Vahid Zadmajid
37	Internship 1 (general)	3	Undergraduate	Spring	
38	Catching Methods	2	Undergraduate	Fall	Dr. Vahid Zadmajid
39	Population Dynamics and Stock Assessment	2	Undergraduate	Fall	Dr. Habib Mohammadi
40	Principles of Seafood Processing	2	Undergraduate	Fall	Dr. Farzad Ghiasi
41	Principles of Aquaculture Engineering	2	Undergraduate	Fall	Dr. Seyed Ali Johari
42	Oceanography	2	Undergraduate	Fall	Dr. Habib Mohammadi
43	Land Surveying	3	Undergraduate	Fall	Dr. Kyumars Mohammadi Samani
44	Experimental Designs in Natural Resources	2	Undergraduate	Fall	Dr. Ahmad Valipour

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45	Law & Regulations of Natural Resources	2	Undergraduate	Spring	Dr. Asaad Mahdavi
46	Aquatic Feed Formulation	2	Undergraduate	Spring	Dr. Vahid Zadmajid
47	Seafood Products Quality Control	3	Undergraduate	Spring	Dr. Mohammad Khezri
48	Internship 2 (Project)	3	Undergraduate	Spring	