

Mansfield University
Department of Biology: Fisheries Concentration
Bachelor of Science Degree (120 credits)
 Eight Semester Course Sequence

FRESHMAN

Fall

Semester 1

Prefix	Number	Course	Cr.
BIO	1110	Zoology	4
ENG	1112	Composition I	3
FYS	1100	First Year Seminar	3
CHM	1111	General Chemistry I	4
BIO	3350	Aquatic Techniques	3
Total			17

Spring

Semester 2

Prefix	Number	Course	Cr.
BIO	1111	Fish Culture I	3
BIO	1130	Botany	4
MA	2230	Calculus I	4
CHM	1112	General Chemistry II	4
Total			15

SOPHOMORE

Fall

Semester 3

Prefix	Number	Course	Cr.
ENG	1101	Oral Communication	3
BIO	3350	Ecology	4
BIO	3314	Ichthyology	3
BIO	3370	Cell Biology	4
Total			14

Spring

Semester 4

Prefix	Number	Course	Cr.
BIO	1112	Fish Culture II	3
BIO	3315	Hum Dim Fish Mngt	3
		General Education	6
ENG	3313	Composition II	3
Total			15

Summer Semester

Prefix	Number	Course	Cr.
BIO	4451	Practicum in Fisheries	1
Total			1

JUNIOR

Fall

Semester 5

Prefix	Number	Course	Cr.
BIO	3351	Limnology	3
BIO	3290	Research Methods	2
PHY	1191	Physics I	4
BIO	2525	Conservation Genetics	3
		General Education	3
Total			15

Spring

Semester 6

Prefix	Number	Course	Cr.
BIO	4492	Research in Biological Systems	2
PHY	1192	Physics II	4
BIO	3390	Biostatistics	3
		Free Electives	3
		General Education	3
Total			15

Summer Semester

Prefix	Number	Course	Cr.
BIO	3352	Mgmt of Small Impound	3
BIO	3353	Mgmt of Strm & Lg Impou	3
Total			6

SENIOR

Fall

Semester 7

Prefix	Number	Course	Cr.
BIO	4493	Research in Biological Syste	2
		Free Electives	6
		General Education	4
Total			12

Spring

Semester 8

Prefix	Number	Course	Cr.
		General Education	3
PHL	3316	Enviromental Ethics	3
		Free Electives	4
Total			10

Credits Categories

22 **Biology**

31 **Fisheries**

12 **Required Cognates (CHM II, PHY I & II)**

65 Subtotal: Required for Biology-Fisheries major

42 **General Education (Includes CHM 1111)**

13 **Free Electives**

55 Subtotal: Gen Ed + Free electives

120 Total Required for Degree Program