

**DEPARTMENT OF FISHERIES AND WILDLIFE MANAGEMENT**

**COLLEGE OF AGRICULTURE, EJIGBO CAMPUS**

**OSUN STATE UNIVERSITY**

**CURRICULUM FOR FISHERIES AND AQUACULTURE**

**100 LEVEL HARMATTAN SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
BIO 101	Basic Biology I	3	C
BIO 107	Experimental Biology I	1	C
CHM 101	General Chemistry I	3	C
CHM 107	Experimental Chemistry I	1	C
MTH 101	General Mathematics I	3	C
PHY 101	General Physics I	3	C
PHY 107	Experimental Physics I	1	C
GNS 101	Use of English I	2	R
GNS 103	Use of Library	1	R
	<b>TOTAL</b>	<b>18</b>	

**100 LEVEL RAIN SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
BIO 102	Basic Biology II	3	C
BIO 108	Experimental Biology II	1	C
CHM 102	General Chemistry II	3	C
CHM 108	Experimental Chemistry II	1	C
MTH 102	General Mathematics II	3	C
PHY 102	General Physics II	3	C
PHY 108	Experimental Physics II	1	C
GNS 102	Use of English II	2	R
GNS 104	Nigerian Peoples and Culture	2	R
	<b>TOTAL</b>	<b>19</b>	

## 200 LEVEL HARMATTAN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
AGN 201	Introduction to General Agriculture	2	C
AGN 203	Principles of Crop Production	2	C
AGN 205	Crop Anatomy, Taxonomy & Physiology	2	C
FWM 201	Principles of Forestry and Wildlife	2	C
ANS 201	Principles of Animal Production	2	C
ANS 203	Introduction to Anatomy & Physiology of Farm Animals	2	C
AEE 201	Principles of Agricultural Economics	2	C
AEE 203	Introduction of Agricultural Extension & Rural sociology	2	C
GNS 211	Basic French	2	R
GNS 203	Introduction to Entrepreneurial Skills	2	R
	<b>TOTAL</b>	<b>20</b>	

## 200 LEVEL RAIN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
AGN 202	Principle of Soil Science	2	C
AGN 204	Introduction to Organic Agriculture	2	C
AGN 206	Introduction to Climatology and Biogeography	2	C
AGN 208	Introduction to Biotechnology	2	C
ANS 204	Introduction to Agricultural Biochemistry	2	C
FWM 202	Introduction to Fisheries and Aquaculture	2	C
ANS 208	Introduction to Food Science and Technology	2	C
AEE 202	Introduction to Home Science and Management	2	C
AEE 204	Introduction to Statistics	2	C
GNS 212	Introduction to Information & Communication Technology	2	R
GNS 204	Logic and Philosophy	2	R
	<b>TOTAL</b>	<b>22</b>	

### 300 LEVEL HARMATTAN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
FIS 301	Fish Biology	2	C
FIS 303	Ichthyology	2	C
FIS 305	Limnology	2	C
FIS 307	Aquaculture	3	C
FIS 309	Aqua flora and Fauna	2	C
FIS 311	Fish Farming Techniques and Hatchery Management	3	C
FIS 313	Fisheries Ecology	2	C
FWM 303	Fisheries and Wildlife Biometric I	2	C
AEE 307	Application of Computer to Agriculture	3	C
	<b>TOTAL</b>	<b>21</b>	

### 300 LEVEL RAIN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
FIS 302	Fish Nutrition I	2	C
FIS 304	Fishing Gear Technology	2	C
FIS 306	Elementary Seamanship and Navigation	2	C
FIS 308	Oceanography	2	R
FIS 310	Fishpond Construction and Management	2	R
FIS 314	Fish Adaptation and Physiology	2	C
FIS 316	Fish Health Management	2	C
FIS 318	Marine and Brackish Water Economic Resources	2	C
FWM 306	Fish and Wildlife Biochemistry	2	C
	<b>TOTAL</b>	<b>18</b>	

### 400 LEVEL HARMATTAN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
FIS 407	Fish Gear Use, Design Production, and Maintenance	3	C
FIS 411	Fish Hatchery Management Fingerling and Fry Production	3	C
FIS 413	Aquatic Environment Survey	2	C
FIS 415	Integrated Fish Culture	2	C
FIS 417	Fish Production and Management Techniques	2	C
FIS 419	Aquaculture Engineering and Pond Construction	3	C
FIS 421	Fish Nutrition and Fish Feed Technology	3	C
FIS 423	Oceanography Techniques	3	C
FIS 425	Fish Processing, Preservation and Marketing	3	C
	<b>TOTAL</b>	<b>24</b>	

#### 400 LEVEL RAIN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNIT</b>	<b>STATUS</b>
FIS 402	Industrial Attachment	6	C
FIS 406	Fish Stock Assessment	2	C
FIS 412	Recreational Fisheries	1	C
FIS 418	Fish Production and Water Quality Management Techniques	2	C
FIS 420	Fisheries (Aquaculture) Engineering	2	C
FIS 422	Fish Feed Production Techniques	2	C
	<b>TOTAL</b>	<b>15</b>	

#### 500 LEVEL HARMATTAN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
FIS 501	Fish Production and Management	2	C
FIS 503	Production of other Marine Products	2	C
FIS 505	Ornamental Fisheries and Aquaria Design	2	C
FIS 507	Nigeria Feeds and Feeding Stuff	2	C
FIS 509	Fish Population Dynamics	2	C
FIS 511	Fish Farming Engineering	2	C
FIS 517	Fish Genetics and Breeding	2	C
FIS 519	Seminar	2	C
FWM 501	Fisheries and Wildlife Biometrics II	2	C
	<b>Elective (Select any one)</b>		
AEE 525	Administration and Programme Planning in Extension	2	E
AEE 305	Extension Teaching, Programme Planning and Organisation	2	E
	<b>TOTAL</b>	<b>20</b>	

#### 500 LEVEL RAIN SEMESTER

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>	<b>STATUS</b>
FIS 504	Fish Nutrition II	2	C
FIS 506	Fisheries Economics	2	C
FIS 508	Water Quality Management and Pollution Control	2	C
FIS 510	Fisheries Policy and Legislation	2	C
FIS 512	Hydrobiology	2	C
FIS 514	Fish Microbiology and Pathology	2	C
FIS 520	Fish Processing, Preservation and Storage	2	C
FIS 522	Farm Management and Fisheries Business Management	2	C
FIS 524	Research Project	4	C
	<b>TOTAL</b>	<b>20</b>	

**Fisheries and Aquatic Resources Management**  
**B.Sc. Fisheries and Aquaculture**  
**CCMAS Curriculum**

**100 LEVEL HARMATTAN SEMESTER**

<b>Course Code</b>	<b>Course Title</b>	<b>Units</b>	<b>Status</b>	<b>LH</b>	<b>PH</b>
GST 111	Communication in English	2	C	15	45
BIO 101	General Biology I	2	C	30	-
BIO 107	General Biology Practical I	1	C	-	45
CHM 101	General Chemistry I	2	C	30	0
CHM 107	General Chemistry Practical I	1	C	0	45
MTH 101	Elementary Mathematics I	2	C	30	0
PHY 101	General Physics I	2	C	30	0
PHY 107	General Physics Practical I	1	C	0	45
UNIOSUN – AGG 103	Introduction to Natural Resources	2	C	30	15
UNIOSUN – AGG 105	Introduction to Natural Resources Practical	1	C	0	45
	<b>TOTAL</b>	<b>16</b>			

**100 LEVEL RAIN SEMESTER**

<b>Course Code</b>	<b>Course Title</b>	<b>Units</b>	<b>Status</b>	<b>LH</b>	<b>PH</b>
GST 112	Nigerian Peoples and Culture	2	C	30	0
AGG 102	Introduction to Agriculture I	2	C	30	-
AGG 112	Introduction to Agriculture II	1	C	15	-
BIO 102	General Biology II	2	C	30	-
BIO 108	General Biology Practical II	1	C		45
CHM 102	General Chemistry II	2	C	30	0
CHM 108	General Chemistry Practical II	1	C	0	45
MTH 102	Elementary Mathematics II	2	C	30	0
PHY 102	General Physics II	2	C	30	0
PHY 108	General Physics Practical II	1	C	0	45
		<b>16</b>			