




## Bangladesh Open University

 <b>SARD</b> SCHOOL OF AGRICULTURE AND RURAL DEVELOPMENT কৃষি ও পল্লী উন্নয়ন অনুষ্ঠান	<b>School of Agriculture and Rural Development (SARD)</b>
	<b>Master of Science (MS) in Fisheries Biology and Genetics (FBG)</b>

### Curricula layout for the degree of Master of Science (MS) in Fisheries Biology and Genetics

1. **Requirement for registration:** Bachelor of Science in Fisheries (Hons.) or equivalent degrees from any recognized University or Institute
2. **Duration:** One and half ( $1\frac{1}{2}$ ) years (Registration valid for consecutive four and a half years)
3. **Semester:** Three Semesters (Valid up to consecutive nine semesters)
4. Two semesters in a year each of six (6) months:
  - (a) 1<sup>st</sup> semester (January-June)
  - (b) 2<sup>nd</sup> semester (July-December)
5. No. of courses = 12
6. No. of credits = 40
7. Total Marks = 2000

### Distribution of courses, credits and Marks

Course Type		No. of Courses	Credits	Marks
Course (compulsory)		12	24	1200
Research	a) Thesis	equivalent to 6 courses	12	600
	b) Thesis defense	equivalent to 2 courses	4	200
<b>Total</b>			<b>40</b>	<b>2000</b>

**N.B.** 1 course = 2 credits = 100 marks; Thesis = 12 credits = 600 marks, Thesis defense (4 credits) = 200 marks: Each course will carry 80 marks for theoretical examination and 10 marks for course assignment and 10 marks for class attendance.


### Semester-wise courses, credits and Marks

#### 1<sup>st</sup> Semester (Course Semester): January-June

SL. No.	Course Code	Course Title	Credit Hours	Marks
1.	MSFBG 1201	Biology of Fish	2	100
2.	MSFBG 1202	Advanced Fish Physiology	2	100
3.	MSFBG 1203	Conservation Genetics of Fish	2	100
4.	MSFBG 1204	Molecular Genetics	2	100
5.	MSFBG 1205	Biodiversity of Aquatic Fauna	2	100
6.	MSFBG 1206	Fishery Systematic and Evolution	2	100
<b>Total 6 Courses</b>			<b>12</b>	<b>600</b>



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### 2<sup>nd</sup> Semester (Course Semester): July-December

SL. No.	Course Code	Course Title	Credit Hours	Marks
1.	MSFBG 2201	Breeding and Stock Improvement of Fish	2	100
2.	MSFBG 2202	Endocrinology of Aquatic Animals	2	100
3.	MSFBG 2203	Fish Genetic Engineering and Biotechnology	2	100
4.	MSFBG 2204	Biology of Shellfish and Non-piscine Aquatic Vertebrates	2	100
5.	MSFBG 2205	Embryology of Aquatic Animals	2	100
6.	MSFBG 2206	Reproductive Biology and Behaviour of Fish	2	100
<b>Total 6 Courses</b>			<b>12</b>	<b>600</b>

### 3<sup>rd</sup> Semester (Research Semester): January-June

Research	Credit	Mark
a. Thesis (equivalent to 6 courses)	12	600
b. Thesis defense (equivalent to 2 courses)	4	200
Thesis + Thesis defense	16	800
<b>Grand Total</b>	<b>[(12×2)+16] = 40 (Forty)</b>	<b>2000</b>

*Any kind of information, please contact with:*

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&

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