

General Guideline for Applicants of B. Sc Honours (4 Year) Course under Curriculum and Credit Framework (CCF)

1. Name of the Course: B.Sc. Honours

2. Duration of the Program: 4 Years

The B.A./ B.Sc. Programme shall be for a minimum duration of Eight (08) (with an exit option after completion of 2nd /4th /6th Semesters) consecutive semesters of Six months each. A student pursuing a regular course of study for semester wise degree course shall have to clear all semesters in all respect within a span of *seven years* from the year of admission to the particular course and combination, *failing which enrolment of the student shall stand cancelled.*

3. Admission Regulations

1. A student who has passed the *Higher Secondary (10+2)* or *its equivalent* Examination is eligible to seek admission to the 1st year of the B. Sc. Honours Course of Studies provided the student has also passed in *English* having full marks not being less *than 100.*

2. However, no student shall be allowed admission after a lapse of more than *3 years* from the year of passing the previous qualifying examination.

4. Students who have passed the *Higher Secondary (10+2)* Examination or its equivalent from the All India Boards/Councils (i.e. CBSE, ISC and National Institute of Open Schooling) need not require to submit the Migration Certificate for getting Registration under this University.

3.1 Eligibility Criteria for Major Course

a) A minimum of *50%* marks in the *aggregate* and *45%* marks in the *subject or related subject* at the previous qualifying examination.

or

b) *55%* marks in the *subject or related subject* at the previous qualifying examination.

or

c) *50%* marks in the *aggregate* when the student has not studied the subject in his/her previous qualifying examination.

or

d) Students belonging to *Reserved Categories* taking up Major Course of Study must have obtained a minimum of *40%* marks in the *aggregate* or *40%* marks in the *subject or related subjects* at the previous qualifying examination, as the case may be.

4. Ranking Rules

Aggregate marks in top-four subjects

For the purpose of determining eligibility for admission to the B.Sc (Multidisciplinary) Courses, aggregate marks shall be calculated by adding the marks in **top-four subjects** in order of marks secured by a student. However, marks in compulsory **Environmental Education/Studies** shall not be taken into account for calculation of aggregate marks. Nevertheless, if the subject “**Environmental Science**” is studied as an elective subject of 100 marks, it may be taken into account for the purpose of determining the aggregate marks.

5. Reservation Rules

Seat reservation for admission in the first year class of three-year (six semesters) degree courses of studies shall be guided by the West Bengal State Higher Educational Institutions (Reservation in Admission), Act, 2013 and the West Bengal State Higher Educational Institutions (Reservation in Admission) Rules, 2014 and Memorandum No. 339-Edn (CS)/OM-74L/2023, dt. 26.05.2023.

6. Outline of Curriculum and Credit Framework (CCF):

Subjects available in Science Discipline: Physics, Zoology, Botany, Physiology, Computer Science, Electronics, Economics, Statistics, Mathematics, Geography.

Subjects available as Major: *Computer Science, Economics, Electronics, Geography and Mathematics.*

6.1 Specific Guidelines for Choosing Subject Combination

6.1.1 Discipline Specific Core Course (DSCC):

DSCC has to be compulsorily studied by a student as a core requirement of the **Honours/Major** Subject. There will be 22 courses for every Major Subjects. A student will have to choose **one** Major Subject from the above list of major subjects.

6.1.2 Minor

The student shall select **two subjects as Minor** from **rest of the subjects available in science discipline** (other than **Major Subject**). A student will have to take 8 Minor Courses from 2 subjects.

6.1.3 Ability Enhancement Course (AEC):

There will be **two courses** to be studied as AEC in consecutive **first four semesters** as given below:

1. Compulsory English
2. Bengali, Hindi, Alternative English (**Any one**)

6.1.4 Skill Enhancement Course (SEC):

The students shall study three *SEC* courses in consecutive *first three semesters* as mentioned below:

SEC I: One course from **Major Subject**

SEC II: **Artificial Intelligence**

SEC III: Another course from **Major Subject**

6.1.5 Common Value Added Course (CVAC):

There will be four courses as to be taken as *CVAC* in consecutive *first two semesters* as follows:

SEM I: *One course from ENVS & one course from Constitutional Values*

SEM II: *One course from ENVS & one course that will be intimated later*

6.1.6. Summer Internship:

All the students are required to do one **3 credits** Summer Internship at the end of the **2nd or 4th or 6th semester**. Students completing Internship at the end of the 2nd semester will be allowed to take exit from the course and will be awarded **Certificate of 45 (42+3) credits**. Students completing Internship at the end of the 4th semester will be allowed to take exit from the course and will be awarded **Diploma of 88 (85+3) credits**. Students completing Internship at the end of the 6th semester and after successful completion of all the 6 semesters will be awarded **B.Sc. Degree of 128 (125+3) credits**.

6.1.7 Inter Disciplinary Course (IDC):

There shall be *three IDCs* to be studied in the *first three semesters*. The choice of IDC will be intimated to the applicants to a later stage. However, the list subjects for the choice of IDC will be same as list of subjects available in science discipline.

Important Note: A Candidate shall be allowed to take up the subject(s) under heading “A” if he/she had passed the subject(s) under the heading “B” at the previous qualifying examinations.

A	B
Mathematics	Mathematics/Business Mathematics
Statistics	Statistics/Business Mathematics/Mathematics
Physics	Physics and Mathematics
Zoology	Zoology/Biology/Bio-Technology
Botany	Botany/Biology/Bio-Technology
Physiology	Physiology/Biology/Bio-Technology
Computer Science	Mathematics & any one of Physics/ Statistics/Computer Science
Electronics	Electronics/Physics and Mathematics

Course Structure in Tabular Format

	DSCC/ Core (Major)	Minor (m1 & m2)	IDC	AEC	SEC	CVAC	Summer Internship	Dissertation/ Research work	Total Credit
Semester	22x4= 88	8x4= 32	3x3=9	4x2= 8	3x4= 12	4x2= 8	1x3=3	(1x4= 4)+ (1x8= 8) = 12	172
1	1x4= 4 3TH+1P/TU	1x4= 4 (m1) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4	2x2= 4			21
2	1x4= 4 3TH+1P/TU	1x4= 4 (m1) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4	2x2= 4			21
3	2x4= 8 2x(3TH+ 1P/TU)	1x4= 4 (m2) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4				21
4	4x4= 16 4x(3TH+ 1P/TU)	1x4= 4 (m2) 3TH+1P/TU		1x2= 2 2TH +0P/TU					22
5	4x4= 16 4x(3TH+ 1P/TU)	m1+m2 2x4= 8 2x(3TH+ 1P/TU)							24
6	3x4= 12 3x(3TH+ 1P/TU)	2x4= 8 m1+m2 2x(3TH+ 1P/TU)							20
7	4x4= 16 4x(3TH+1P/ TU)							1x4*	20
8	3x4= 12 3x(3TH+1P/ TU)							1x8 *	20
Credits	22x4= 88	8x4= 32	3x3= 9	4x2= 8	3x4= 12	4x2= 8		(1x4)+(1x8)= 12	169+3= 172
Marks	22x100= 2200	8x100=800	3x75= 225	4x50= 200	3x100= 300	4x50 = 200		1x100+1x200= 300	Total Marks =4300

**SI= Summer Internship *TC= Total Credits*

Allowed Major and Minor Subject combinations for 4 Year B. Sc Honours Course

Program	Major	Minor 1 (1 Sub)	Minor 2 (1 Sub)
B. Sc Honours, 4 Years	Computer Science	Mathematics	Physics Electronics Statistics
B. Sc Honours, 4 Years	Economics	Mathematics	Political Science Statistics
B. Sc Honours, 4 Years	Electronics	Mathematics	Physics Computer Science Statistics
B. Sc Honours, 4 Years	Geography	Economics	Political Science History
B. Sc Honours, 4 Years	Mathematics	Physics Electronics Statistics Computer Science	Physics Electronics Statistics Computer Science

Special Case:

1. Students taking up *Geography as Major* subject must choose one minor course from Humanities discipline (*either Political Science or History*).
2. Students taking up *Economics as Major* subject may choose one minor course from Humanities discipline (*Political Science*).