



## **UNIVERSITY OF CALCUTTA**

### **Notification No. CSR/04/2023**

It is notified for information of all concerned that the Syndicate at its meeting held on 23.06.2023 approved the Admission Regulations for Semester wise Three-year B.A./B.Sc.(Multidisciplinary Courses of Studies, under Curriculum & Credit Framework, 2022), under this University, as laid down in the accompanying pamphlet.

The above shall be effective from the academic session 2023 -2024 and onwards.

SENATE HOUSE

KOLKATA-700 073

The 23<sup>rd</sup> June, 2023

A handwritten signature in black ink, appearing to be 'D. Das', written over a horizontal line.

Prof.(Dr.) Debasis Das

Registrar



# UNIVERSITY OF CALCUTTA

ADMISSION REGULATIONS

FOR

SEMESTER WISE THREE-YEAR

B.A./ B.Sc. (MULTIDISCIPLINARY)

COURSES OF STUDIES

UNDER

[CURRICULUM AND CREDIT FRAMEWORK (CCF, 2022)]

2023

**Regulations relating to Admission for the semester wise Three-Year B.A./B.Sc. (Multidisciplinary, under CCF, 2022) Courses of Studies conducted by the University of Calcutta.**

- ❖ In exercise of the powers conferred by Section-54 of Calcutta University Act 1979, the University of Calcutta hereby makes the following Regulations for **B.A./ B.Sc. (Multidisciplinary) courses of studies (under CCF, 2022).**
- ❖ These shall apply to every **student** prosecuting the above Courses in this University.
- ❖ Notwithstanding anything contained in any other regulations or rules for the time being in force the study for the above Courses shall be guided by these Regulations effective from the Academic Session **2023-2024.**

### **1. Title and Commencement**

1.1 These Regulations shall be called **THE REGULATIONS FOR SEMESTER WISE 3 YEAR B.A./B.Sc.(Multidisciplinary) DEGREE PROGRAMME under CCF (CURRICULUM AND CREDIT FRAMEWORK), UNIVERSITY OF CALCUTTA.**

1.2 These Regulations shall come into force with effect from the academic session **2023-2024.**

### **2. Duration of the Programme**

The B.A./ B.Sc. Programme shall be for a minimum duration of **six (06) consecutive semesters (with an exit option after 2<sup>nd</sup> and 4<sup>th</sup>) of six months each, i.e. The odd semester** will start ordinarily in the month of **July** and the even semester in the month of **January** of every year.

**A student prosecuting 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.***

**Explanation: A student already admitted in this course may seek fresh admission with different course/ subject combination (with respect to Core/ Minor subjects) subject to clause no 4.**

### **3. Applicability of the Regulations:**

- a) These regulations shall be applicable to the students taking admission to the B.A./ B.Sc. Course from the academic session 2023-2024.
- b) Students who have already successfully completed any U.G. degree earlier are not eligible to take admission into above course.

## **I-Admission Regulations**

4.(a) A student who has passed the Higher Secondary (10+2) or its equivalent Examination is eligible to seek admission to the 1<sup>st</sup> year of the B.A./B.Sc. (Multidisciplinary) Course of Studies provided the student has also passed in English having full marks not being less than 100 and fulfills the conditions as laid down in clause 5, 10, 11 and 12.

Students who have passed the Higher Secondary (10+2) Vocational examination conducted by the West Bengal State Council of Vocational Education and Training shall be eligible to seek admission to the B.A. (Multidisciplinary) 1st year Course of Studies taking the subjects under **Humanities Discipline** only.

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

**(Explanation:** The year of admission shall not be taken into account while calculating three years from the year of passing the previous qualifying Examination).

(b) 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.

**5.** For the purpose of determining eligibility for admission to the B.A./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. However, 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.

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. Attendance**

**6.1** A student attending at least 75% of the total number of classes\* held shall be allowed to sit for the concerned Semester Examinations subject to fulfillment of other conditions laid down in the regulations.

**6.2** A student attending at least 60% but less than 75% of the total number of classes\* held shall be allowed to sit for the concerned Semester Examinations subject to the payment of prescribed condonation fees and fulfillment of other conditions laid down in the regulations.

**6.3** A student attending less than 60% of the total number of classes\* held shall not be allowed to sit for the concerned Semester Examinations and he /she has to take admission to the same Semester in the very next year for attending the classes and appearing at the said Semester Examination.

\*Such attendance will be calculated from the date of commencement of classes or date of admission, whichever is later.

Explanation: A student who has not been eligible to appear at any Semester-end Examination in terms of Clause 6.3 may take admission to the next higher Semester and appear at such higher Semester-end Examinations. However, such student has to take admission to the concerned Semester, for which the student has been ineligible under clause 6.3, in the very next available chance without pursuing any other Semester Course simultaneously.

## **7. Disciplines of Multidisciplinary courses for B.A./B.Sc.:**

**(i) Humanities Discipline:** History, English, Bengali, Ancient Indian & World History, Islamic History and Culture, Hindi, Urdu, Russian, Political Science, Sanskrit, Pali, Philosophy, Sociology, Education, Arabic, Persian, Journalism & Mass Communication, French, Music, Linguistics, Physical Education, Human Rights, Women Studies.

**(ii) Science Discipline:** Physics, Zoology, Chemistry, Botany, Molecular Biology, Microbiology, Geology, Geography, Physiology, Defence Studies, Computer Science, Electronics, Bio-Chemistry, Physical Education, Environmental Science, Economics, Statistics, Mathematics, Anthropology, Psychology, Film Studies.

**(iii) Home Science Discipline:** Food & Nutrition, Household Art, Human Development, Social Science, Home Science Extension Education, , Library and Information Studies.

## **8. Outline of CURRICULUM AND CREDIT FRAMEWORK (CCF):**

### **Category of subjects:**

**A) Core Course (CC):** Courses, to be compulsorily studied by a student as the requirement of Core subjects.

In order to make different Multidisciplinary subject combinations, the subjects of all the discipline have been taken together to create 8 smaller Multidisciplinary pools. The student shall select 3 subjects as core subjects taking not more than one subject from each pool.

**B) Minor:** A subject to be studied by the student with lesser number of courses than the two core subjects.

**C) Ability Enhancement Course (AEC):** AEC courses are the courses based on the knowledge of languages. There shall be two AEC Courses:

- a) Compulsory English
- b) MIL/ Alternative English
  - MIL includes: Bengali, Hindi & Urdu.

**D) Skill Enhancement Course (SEC):** These courses are designed to provide skill-based knowledge and are aimed at providing competencies, skills etc. SEC courses are based upon skill enhancement. The students shall study 3 SECs 2 from each of 2 core subjects in 1<sup>st</sup> and 2<sup>nd</sup> semester respectively and in 3<sup>rd</sup> semester 1 SEC from the Minor subject.

**E) Practical/ Tutorial:** All courses other than AEC & CVAC will have one Practical/ Tutorial. Wherever there is a practical, there will be no Tutorial and vice-versa. P/TU components in SECs will be as mentioned in the syllabus of the respective subject.

**F) Common Value Added Course (CVAC):** These courses are based on Knowledge of Human & Social Values. There shall be 4 CVAC courses of 2 credits each. In the 1<sup>st</sup> semester there shall be 1 compulsory CVAC in ENVIS & one compulsory CVAC in Constitutional Values. In the 2<sup>nd</sup> semester there shall be 1 compulsory CVAC in ENVIS & the students shall select the other CVAC from a pool of courses.

**G) Summer Internship:** All the students are required to do one 3 credits Summer Internship at the end of the 2<sup>nd</sup> or 4<sup>th</sup> or 6<sup>th</sup> semester. Students completing Internship at the end of the 2<sup>nd</sup> 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 4<sup>th</sup> 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 6<sup>th</sup> semester and after successful completion of all the 6 semesters will be awarded B.A./ B.Sc. Degree of 128 (125+3) credits.

**H) Inter Disciplinary Course (IDC):** There shall be 3 IDCs of 3 credits each, to be studied in the first 3 semesters. The students shall select IDCs from the subjects other than the concerned core subjects & minor, not more than one from the each of the Multidisciplinary pool (clause no. 12)

### COURSE STRUCTURE-MDC

	<b>CC1</b>	<b>CC2</b>	<b>Minor</b>	<b>IDC</b>	<b>AEC</b>	<b>SEC</b>	<b>CVAC</b>	<b>Summer Internship</b>	<b>Total Credit</b>
<b>Semester</b>	8x4= 32	8x4= 32	6x4= 24	3x3=9	4x2= 8	3x4=12	4x2=8	1x3= 3	124
1	1x4= 4 3TH+ 1P/TU	1x4= 4 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 3TH+ 1P/TU		1x3=3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4	2x2=4		21
3	1x4= 4  (3TH+ 1P/TU)	1x4= 4 3TH+ 1P/TU	1x4= 4 3TH+1P/TU	1x3=3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4			21
4	2x4=8 4x(3TH+ 1P/TU)	2x4= 8 2x(3TH+ 1P/TU)	1x4= 4 (3TH+1P/TU)		1x2= 2 2TH +0P/TU				22
5	2x4= 8 2x(3TH+ 1P/TU)	1x4= 4 3TH+ 1P/TU	2x4= 8 2x(3TH+ 1P/TU)						20
6	1x4= 4 (3TH+ 1P/TU)	2x4= 8 2x(3TH+ 1P/TU)	2x4= 8 2x(3TH+ 1P/TU)						20
<b>Credits</b>	<b>8x4= 32</b>	<b>8x4= 32</b>	<b>6x4= 24</b>	<b>3x3= 9</b>	<b>4x2= 8</b>	<b>3x4= 12</b>	<b>4x2= 8</b>		<b>125+3 =128</b>
<b>Marks</b>	<b>8x100= 800</b>	<b>8x100= 800</b>	<b>6x100= 600</b>	<b>3x75= 225</b>	<b>4x50= 200</b>	<b>3x100= 300</b>	<b>4x50= 200</b>		<b>Total Marks =3200</b>

Marks= 25 marks per credit.

Total credit=125+3 (for summer internship) = 128

Summer Internship: As mentioned in clause no. 8 (G)

## **9. Disciplines:**

There will be three broad disciplines: Humanities, Science and Home Science, as described in clause no. (7).

### **Types of subjects:**

- i) **Core Courses:** All students shall have to take 16 (sixteen) Core Courses from 2 (two) subjects taking 8 (eight) from each core subjects.
- ii) **Minor course:** A subject to be studied by the student with lesser number of courses other than the two core subjects. All students shall have to study 6 (six) courses from Minor subject.
- iii) **Inter Disciplinary Course (IDC):** A student will have to opt for three IDCs (one in each of the first three semesters) from a pool of subjects offered by the different disciplines. These courses must be different from the Core & Minor subjects.
- iv) **Skill Enhancement Course (SEC):** SEC courses are based upon skill enhancement. The students shall study 3 SECs 1 from each of 2 core and 1 minor subject taken.

Course structure (Th, P, Tu) and credit distributions (4 TH +0P/TU; 0 TH+4P; 2 TH+2 P/TU; 3 TH+ 1 P/TU) may differ from subject to subject.

Note: There shall be no course containing only Tutorial.

- v) **Common Value Added Course (CVAC):**

There shall be 4 CVAC courses of 2 credits each. In the 1<sup>st</sup> semester there shall be 1 compulsory CVAC in ENVS & one CVAC in Constitutional Values. In the 2<sup>nd</sup> semester there shall be 1 compulsory CVAC in ENVS & the students shall select the other CVAC from a pool of courses.

- vi) **Ability Enhancement Course (AEC):**

All students shall have to study 4 AEC courses of 2 credits each (one in each of the first 4 semesters). There will be a compulsory AEC, named compulsory English which shall be studied in the 1<sup>st</sup> and 2<sup>nd</sup> semesters and there will be an optional AEC (MIL/ Alt. Eng) to be studied in the 3<sup>rd</sup> & 4<sup>th</sup> semesters.



**10. List of subjects of the B.A./B.Sc. (3-year Multidisciplinary) courses offered under the University of Calcutta.**

<b>List of Subjects</b>			
1. English		40. Defence Studies	
2. Bengali		41. Film Studies	
3. Sanskrit		42. Molecular Biology	
4. Pali		43. Physical Education	
5. Urdu		44. Household Art	
6. Arabic		45. Social Science	
7. Persian		46. Home Science Extension Education	
8. Hindi		47. Women's Studies	
9. History, Ancient Indian & World History, Islamic History & Culture			
10. Philosophy			
11. Economics			
12. Physics			
13. Chemistry			
14. Botany			
15. Zoology			
16. Physiology			
17. Geography			
18. Geology			
19. Anthropology			
20. Psychology			
21. Sociology			
22. Linguistics			
23. Political Science			
24. Mathematics			
25. Electronics			
26. Computer Science			
27. Education			
28. Statistics			
29. Human Development			
30. Journalism and Mass Communication			
31. Food & Nutrition			
32. Music			
33. Microbiology			
34. Biochemistry			
35. Environmental Science			
36. Russian			
37. French			
38. Library & Information Science			
39. Human Rights			
AEC	IDC	CVAC	SEC
1. Compulsory English	All subjects	1. Environmental Studies (Compulsory)	Students shall study 3 SECs one each from 2 core subjects and 1 from minor subject.
2. Alternative English		2. Constitutional values (Compulsory)	
3. MIL		3. Optional CVAC	
i. Bengali ii. Hindi iii. Urdu			

**11. A student shall be allowed to take up the subject(s) under heading “A” if the student had passed the subject(s) under heading “B” at the previous qualifying examination**

Sl. No.	A	Sl. No.	B
1.	Mathematics	1.	Mathematics/Business Mathematics
2.	Statistics	2.	Statistics/Business Mathematics/Mathematics
3.	Physics	3.	Physics and Mathematics
4.	Chemistry	4.	Chemistry
5.	Zoology	5.	Zoology/Biology/Bio-Technology
6.	Botany	6.	Botany/Biology/Bio-Technology
7.	Physiology	7.	Physiology/Biology/Bio-Technology
8.	Geology	8.	Geology/Geography/Physics and Chemistry
9.	Molecular Biology	9.	Biology/Bio-Technology and Chemistry/Physics
10.	Microbiology	10.	Biology/Bio-Technology and Chemistry/Physics
11.	Computer Science	11.	Mathematics & any one of Physics/ Statistics/Computer Science
12.	Electronics	12.	Electronics/Physics and Mathematics
13.	Environmental Science	13.	Chemistry

**12. A student is required to choose not more than one subject from any of the groups mentioned hereunder:**

**GROUPS:**

**Group-I:** Physics, Zoology, Education, Home Science Extension Education, Social Science, Film Studies, Physical Education, Human Rights, Russian, Women Studies.

**Group-II:** Human Development, History, Ancient Indian and World History, Islamic History & Culture, Mathematics, Environmental Science.

**Group-III:** Chemistry, Sociology, Defense Studies, Music, Household Art, Pali, Arabic, Persian, Sanskrit, Biochemistry.

**Group-IV:** Botany, Economics, Food & Nutrition.

**Group-V:** Geology, Political Science, Electronics, Library and Information Studies.

**Group-VI:** Geography, Molecular Biology, Psychology, Philosophy, Microbiology, Journalism & Mass Communication.

**Group-VII:** Statistics, Physiology, English.

**Group-VIII:** Anthropology, Computer Science, Bengali, Hindi, Urdu, French, Linguistics.

**Nomenclature of degree:**

**A student taking up Multidisciplinary Courses of Studies for the B.A. Degree shall study:**

- i) Both the core subjects and the minor subject from the Humanities discipline.
- or**
- ii) Any two of the three subjects (two core and one minor subjects) from the Humanities Discipline and the other from the Science/ Home Science discipline.

**A student taking up Multidisciplinary Courses of Studies for the B.Sc. Degree shall study:**

- i) Both the core subjects and the minor subject from the Science/ Home Science discipline.
  - or**
  - ii) Any two of the three subjects (two core and one minor subjects) from the Science/ Home Science discipline and the other from the Humanities discipline.
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## **UNIVERSITY OF CALCUTTA**

### **Notification No. CSR/05/2023**

It is notified for information of all concerned that the Syndicate at its meeting held on 23.06.2023 approved the Admission Regulations for Semester wise Four-year B.A./B.Sc.(Honours & Honours with Research) Courses of Studies (under Curriculum & Credit Framework, 2022), under this University, as laid down in the accompanying pamphlet.

The above shall be effective from the academic session 2023 -2024 and onwards.

SENATE HOUSE  
KOLKATA-700 073  
The 23<sup>rd</sup> June,2023

  
Prof.(Dr.) Debasis Das  
Registrar



# UNIVERSITY OF CALCUTTA

ADMISSION REGULATIONS

FOR

SEMESTER WISE FOUR-YEAR

B.A./ B.Sc. (Honours with or without Research)

COURSES OF STUDIES

UNDER

[CURRICULUM AND CREDIT FRAMEWORK (CCF, 2022)]

2023

**Regulations relating to Admission for the semester wise Four-Year B.A./B.Sc. (under CCF, 2022) Courses of Studies conducted by the University of Calcutta.**

- ❖ In exercise of the powers conferred by Section-54 of Calcutta University Act 1979, the University of Calcutta hereby makes the following Regulations for B.A./ B.Sc. courses of studies (under CCF, 2022).
- ❖ These shall apply to every **student** prosecuting the above Courses in this University.
- ❖ Notwithstanding anything contained in any other regulations or rules for the time being in force the study for the above Courses shall be guided by these Regulations effective from the Academic Session 2023-2024.

**1. Title and Commencement**

1.1 These Regulations shall be called **THE REGULATIONS FOR SEMESTER WISE 4 YEAR B.A./B.Sc. DEGREE PROGRAMME under CCF, 2022 (CURRICULUM AND CREDIT FRAMEWORK), UNIVERSITY OF CALCUTTA.**

1.2 These Regulations shall come into force with effect from the academic session 2023-2024.

**2. Duration of the Programme:**

The B.A./ B.Sc. Programme shall be for a minimum duration of **Eight (08) (with an exit option after completion of 2<sup>nd</sup>/4<sup>th</sup>/6<sup>th</sup> Semesters) consecutive semesters of Six months each, i.e. The odd semester will start ordinarily in the month of July and the even semester in the month of January of every year.**

**A student prosecuting 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*.**

**Explanation: A student already admitted in this course may seek fresh admission with different course/ subject combination (with respect to Major/ Minor subjects) subject to clause no 4.**

**3. Applicability of the Regulations:**

- a) These regulations shall be applicable to the students taking admission to the B.A./ B.Sc. Course from the academic session 2023-2024.
- b) Students who have already successfully completed any U.G. degree earlier are not eligible to take admission into above course.

## **I-Admission Regulations**

**4. (a)** A student who has passed the Higher Secondary (10+2) or its equivalent Examination is eligible to seek admission to the 1<sup>st</sup> year of the B.A./B.Sc. (Single-Major) Course of Studies provided the candidate has also passed in English having full marks not being less than 100 and fulfills the conditions as laid down in clause 5, 10, 11 and 12.

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

**(Explanation:** The year of admission shall not be taken into account while calculating three years from the year of passing the previous qualifying Examination).

**4. (b)** 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.

**5.** For the purpose of determining eligibility for admission to the B.A./B.Sc./ (Single-Major) 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. However, 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.

**(a) A student taking up Major Course in a subject must have obtained:**

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

**Or**

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

**Or**

**iii.** 50% marks in the aggregate when the student has not studied the subject in his/her previous qualifying examination provided all other clauses are satisfied.

**(b)** 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.

**(c)** Seat reservation for admission in the first year class of four-year (eight 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. Attendance**

**6.1.** A student attending at least 75% of the total number of classes\* held shall be allowed to sit for the concerned Semester Examinations subject to fulfillment of other conditions laid down in the regulations.

**6.2.** A student attending at least 60% but less than 75% of the total number of classes\* held shall be allowed to sit for the concerned Semester Examinations subject to the payment of prescribed condonation fees and fulfillment of other conditions laid down in the regulations.

**6.3.** A student attending less than 60% of the total number of classes\* held shall not be allowed to sit for the concerned Semester Examinations and he /she has to take admission to the same Semester in the very next year for attending the classes and appearing at the said Semester Examination.

\*Such attendance will be calculated from the date of commencement of classes or date of admission, whichever is later.

**Explanation:** A student who has not been eligible to appear at any Semester-end Examination in terms of Clause 6.3 may take admission to the next higher Semester and appear at such higher Semester-end Examinations. However, such student has to take admission to the concerned Semester, for which the candidate has been ineligible under clause 6.3, in the very next available chance without pursuing any other Semester Course simultaneously.

## **7. Disciplines of Major & Minor subjects for B.A./ B.Sc.:**

(i) **Humanities & Language Discipline:** History, English, Bengali, Ancient Indian & World History, Islamic History and Culture, Hindi, Urdu, Russian, Political Science, Sanskrit, Pali, Philosophy, Sociology, Education, Arabic, Persian, Journalism & Mass Communication, French, Music, Linguistics, Physical Education, Human Rights, Women Studies, Household Art, Human Development, Social Science, Home Science Extension Education, Economics, Mathematics, Anthropology, Geography, Psychology, Library and Information Studies, Film Studies.

(ii) **Science Discipline:** Physics, Zoology, Chemistry, Botany, Molecular Biology, Microbiology, Geology, Physiology, Defence Studies, Computer Science, Electronics, Bio-Chemistry, Physical Education, Environmental Science, Food and Nutrition, Household Art, Human Development, Social Science, Home Science Extension Education, Economics, Statistics, Mathematics, Anthropology, Geography, Psychology, Library and Information Studies, Film Studies.



## 8. Outline of CURRICULUM AND CREDIT FRAMEWORK (CCF):

### Category of subjects:

A) **Discipline Specific Core Course (DSCC)**: A course, to be compulsorily studied by a student as a core requirement of the Major subject.

B) **Minor**: A subject of same broad discipline to be studied by the student with lesser number of courses other than the major subject.

C) **Ability Enhancement Course (AEC)**: Ability Enhancement Course (AEC) courses are the courses based on the knowledge of languages. There shall be two AEC courses:

- a) Compulsory English
- b) MIL/ Alternative English
  - MIL includes: Bengali, Hindi & Urdu.

D) **Skill Enhancement Courses (SEC)**: These courses are designed to provide skill-based knowledge and are aimed at providing competencies, skills etc. SEC courses are based upon skill enhancement. Student shall study 2 SECs based on Major subjects in 1<sup>st</sup> and 3<sup>rd</sup> semester. In the 2<sup>nd</sup> semester the student can study Artificial Intelligence (for Science discipline) or Digital Empowerment (for Humanities & Language discipline) or as specified in the syllabus of the concerned Major subject.

E) **Practical/ Tutorial**: All courses other than AEC & CVAC will have one Practical/ Tutorial. Wherever there is a practical, there will be no Tutorial and vice-versa. Inclusion of P/TU components in SECs will be decided by the concerned UGBOS.

F) **Common Value Added Course (CVAC)**: These courses are based on Knowledge of Human & Social Values. There shall be 4 CVAC courses of 2 credits each. In the 1<sup>st</sup> semester there shall be 1 compulsory CVAC in ENVS & one compulsory CVAC in Constitutional Values. In the 2<sup>nd</sup> semester there shall be 1 compulsory CVAC in ENVS & the students shall select the other CVAC from a pool of courses.

G) **Summer Internship**: All the students are required to do one 3 credits Summer Internship at the end of the 2<sup>nd</sup> or 4<sup>th</sup> or 6<sup>th</sup> semester. Students completing Internship at the end of the 2<sup>nd</sup> semester will be allowed to take exit from the course and will be awarded Certificate of 45 credits. Students completing Internship at the end of the 4<sup>th</sup> semester will be allowed to take exit from the course and will be awarded Diploma of 88 credits. Students completing Internship at the end of the 6<sup>th</sup> semester will be allowed to take exit from the course and will be awarded three-year Single major Degree of 132 credits.

H) **Inter Disciplinary Course (IDC)**: There shall be 3 IDCs of 3 credits each, to be studied in the first 3 semesters. The students shall take IDC from the different subjects other than the Major and Minor subjects.

**I) Research/ Dissertation:**

- a) Students obtaining CGPA equivalent to 75% marks after successful completion of all the first 6 semesters may opt for Honours with research Degree Course in the 7<sup>th</sup> & 8<sup>th</sup> Semester.
- b) Students choosing a 4-year Bachelor's degree (Single major with Research course) are required to take up research projects under the guidance of a faculty member. The students shall have to complete the Research in the 7<sup>th</sup> & 8<sup>th</sup> semester of 4credits and 8 credits respectively (total 12 credits).
- c) Students pursuing 4-year Single major Degree without Research shall have to take up to 1 additional DSCC (should be a Project work/ dissertation & the course will be of 4 credits) in 7<sup>th</sup> semester and 2 additional DSCCs (courses are of 4 credits each and at least one should be a Project Report/ Seminar) in 8<sup>th</sup> semester.

## 9. Course Structure

### COURSE STRUCTURE-CCF, 2022

	DSCC/ Core (Major)	Minor (m1 & m2)	IDC	AEC	SEC	CVAC	Summer Internship	Dissertation/ Research work	Total Credit
<b>Semester</b>	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
<b>Credits</b>	<b>22x4= 88</b>	<b>8x4= 32</b>	<b>3x3= 9</b>	<b>4x2= 8</b>	<b>3x4= 12</b>	<b>4x2= 8</b>		<b>(1x4)+(1X8)= 12</b>	<b>169+3= 172</b>
<b>Marks</b>	<b>22x100= 2200</b>	<b>8x100=800</b>	<b>3x75= 225</b>	<b>4x50= 200</b>	<b>3x100= 300</b>	<b>4x50 = 200</b>		<b>1x100+1x200= 300</b>	<b>Total Marks =4300</b>

Marks= 25 marks per credit.

\*Students who will not pursue Dissertation/ Research work then the candidate will have to study additional 1 DSC/Core paper of 4 credits in the 7<sup>th</sup> Semester & 2 DSC/ Core Papers of 4 Credits each in the 8<sup>th</sup> Semester.

Minor courses will come from two subjects of same broad discipline as Major (m1, m2).

Total credit=169+3 (for summer internship) = 172

## **10. Disciplines:**

There will be two broad disciplines: i) Science and ii) Humanities & Languages as described in clause no. (8).

### **Types of subjects:**

#### **i) Major Courses:**

All students shall have to take 22 DSCs of one subject. In addition, students who do not qualify or opt for "4-year degree course-by research, will have to take three additional courses with provision for project based evaluation (As mentioned in the syllabus of respective subject).

Although the course contents of all minor courses are identical with some major courses of that subject, the examinations for Major and Minor courses will be conducted separately.

A college shall offer Major Courses only in such subjects in respect of which it has affiliation for Single major courses.

#### **ii) Minor Courses:**

Course content to be the same, as Major Courses of a given standard.

A student will have to take 8 Minor Courses from the same broad discipline as the Major excluding the Major subject. Students have to study 4 Minor Courses in the first two years ( 1 in each semester) and 4 Minor courses in the 3<sup>rd</sup> year (2 in each semester).

Of the 4 courses in the first two years 2 courses have to be taken from one subject (m1) in the 1<sup>st</sup> and 2<sup>nd</sup> semesters and 2 courses from the other subject (m2) in the 3<sup>rd</sup> and 4<sup>th</sup> semesters. All these courses are intended to be at level 100.

The exact Minor courses are specified in the syllabus of respective subjects. For any minor subject the first two minor courses (irrespective of whether it is taught in 1<sup>st</sup> or 2<sup>nd</sup> year) will be identical with the first two courses of the corresponding major subject.

In the third year (semester-5 & 6) two minor subjects in each semester will have to be taken from two different subjects. These courses are of level 200.

A minor course opted for in the 5<sup>th</sup> semester will have to be selected from among the major courses offered in the 3<sup>rd</sup> semester level (level 200).

Similarly a minor course opted in the 6<sup>th</sup> semester will have to be selected from among the major courses offered in the 4<sup>th</sup> semester (level 200).

**iii) Inter Disciplinary Course (IDC):**

A student will have to opt for three IDCs (one in each of the first three semesters) from a pool of courses offered in the different disciplines. These courses must be different from the major and minor subject.

**iv) Skill Enhancement Course (SEC):**

SEC courses are based upon skill enhancement. Student shall study 2 SECs based on Major subjects in 1<sup>st</sup> and 3<sup>rd</sup> semester. In the 2<sup>nd</sup> semester the student can study Artificial Intelligence (for Science discipline) or Digital Empowerment (for Humanities & Language discipline) or as specified in the syllabus of the concerned Major subject.

Course structure (Th, P, Tu) and credit distributions (4 TH +0P/TU; 0 TH+4P; 2 TH+2 P/TU; 3 TH+ 1 P/TU) may differ from subject to subject.

Note: There shall be no course containing only Tutorial.

**v) Common Value Added Course (CVAC):**

There shall be 4 CVAC courses of 2 credits each. In the 1<sup>st</sup> semester there shall be 1 compulsory CVAC in ENVS & one CVAC in Constitutional Values. In the 2<sup>nd</sup> semester there shall be 1 compulsory CVAC in ENVS & the students shall select the other CVAC from a pool of courses.

**vi) Ability Enhancement Course (AEC):**

All students shall have to study 4 AEC courses of 2 credits each (one in each of the first 4 semesters). There will be a compulsory AEC, named Compulsory English which shall be studied in the 1<sup>st</sup> and 2<sup>nd</sup> semesters and there will be an optional AEC (MIL/ Alt. Eng) to be studied in the 3<sup>rd</sup> & 4<sup>th</sup> semesters.

**11. List of subjects of the B.A./B.Sc. (Major/ Minor) courses offered under the University of Calcutta.**

Major & Minor		Only Minor	
1. English		40. Defence Studies	
2. Bengali		41. Film Studies	
3. Sanskrit		42. Molecular Biology	
4. Pali		43. Physical Education	
5. Urdu		44. Household Art	
6. Arabic		45. Social Science	
7. Persian		46. Home Science Extension Education	
8. Hindi		47. Women's Studies	
9. History, Ancient Indian & World History, Islamic History & Culture			
10. Philosophy			
11. Economics			
12. Physics			
13. Chemistry			
14. Botany			
15. Zoology			
16. Physiology			
17. Geography			
18. Geology			
19. Anthropology			
20. Psychology			
21. Sociology			
22. Linguistics			
23. Political Science			
24. Mathematics			
25. Electronics			
26. Computer Science			
27. Education			
28. Statistics			
29. Human Development			
30. Journalism and Mass Communication			
31. Food & Nutrition			
32. Music			
33. Microbiology			
34. Biochemistry			
35. Environmental Science			
36. Russian			
37. French			
38. Library & Information Science			
39. Human Rights			
AEC	IDC	CVAC	SEC
1. Compulsory English	All subjects offered	1. Environmental Studies (Compulsory)	As mentioned in clause no. 8 (c) or 10.(iv)
2. Alternative English		2. Constitutional values (Compulsory)	
3. MIL		3. Optional CVAC	
i. Bengali			
ii. Hindi			
iii. Urdu			

**12. A student shall be allowed to take up the subject(s) under heading “A” if the candidate had passed the subject(s) under heading “B” at the previous qualifying examination**

Sl. No.	A	Sl. No.	B
1.	Mathematics	1.	Mathematics/Business Mathematics
2.	Statistics	2.	Statistics/Business Mathematics/Mathematics
3.	Physics	3.	Physics and Mathematics
4.	Chemistry	4.	Chemistry
5.	Zoology	5.	Zoology/Biology/Bio-Technology
6.	Botany	6.	Botany/Biology/Bio-Technology
7.	Physiology	7.	Physiology/Biology/Bio-Technology
8.	Geology	8.	Geology/Geography/Physics and Chemistry
9.	Molecular Biology	9.	Biology/Bio-Technology and Chemistry/Physics
10.	Microbiology	10.	Biology/Bio-Technology and Chemistry/Physics
11.	Computer Science	11.	Mathematics & any one of Physics/ Statistics/Computer Science
12.	Electronics	12.	Electronics/Physics and Mathematics
13.	Environmental Science	13.	Chemistry

**13. Some Special conditions for taking up Major Courses as follows:**

(i) **Economics**: A Student shall be allowed to take up Major in Economics if the candidate has passed in Mathematics at the H.S. Examination (10+2) conducted by the West Bengal Council of H.S. Education or its equivalent examination in Mathematics/ Business Mathematics/ Applied Mathematics. Students who have passed Business Economics including Business Mathematics in H.S.(10+2) level from West Bengal Council of H.S. Education are also eligible for admission with Economics as the Major subject, students of Economics Major have to take up Mathematics as one of the Minor subject.

(ii) **Mathematics**: A student shall be allowed to take up Major in Mathematics if the candidate has passed in Mathematics/ Applied Mathematics at the previous qualifying examination. A student who has passed in Business Mathematics is not eligible for admission to the Mathematics Major Course.

(iii) **Chemistry**: A student shall be allowed to take-up Major in Chemistry if the candidate has passed in Physics, Chemistry and Mathematics at the previous qualifying examination.

(iv) **Bio-Chemistry**: A student shall be allowed to take up Major in Bio-Chemistry if the candidate has passed in Physics, Chemistry, Mathematics and Biology/Bio-Technology at the previous qualifying examination.

\* A student of B.Sc. (Major) in Bio-Chemistry shall have to take-up elective subjects as stated hereunder and in conformity with Grouping of Subjects:

(a) Any one of the subjects: Physics/Mathematics/Statistics

and

(b) Any one of the subjects: Zoology/ Botany/ Microbiology/ Physiology/ Molecular-Biology.

(v) **Micro-Biology**: A student shall be allowed to take-up Major in Micro Biology if the candidate has passed in Chemistry in the previous qualifying Examination.

\*Subject combination for Micro-Biology: Chemistry and any one of the following subjects:  
Mathematics/Physics/Computer Science/Botany/Zoology/Physiology.

(vi) **Physiology**: A student shall be allowed to take-up Major in Physiology if the candidate has passed the subject Physiology/Biology/Bio-Technology and Chemistry in the previous qualifying Examination. The subject Biology/Bio-Technology may be treated as the related subject.

(vii) **Food and Nutrition**: A student shall be allowed to take-up Major in Food and Nutrition if the candidate has passed in Chemistry at the previous qualifying examination and to take up Chemistry as one of the Minor subjects.

(viii) **Anthropology**: A student shall not be allowed to take-up Anthropology (Major) along with Sociology.

(ix) **Environmental Science**: Students have to take up Chemistry as one of the Minor subjects.

(x) **Computer Science**: The combination of subject for **Computer Science Major** Course shall be **Mathematics** as one of the Minor subjects and any one of the subjects: **either Physics or Statistics or Electronics** as the other Minor subject.

(xi) **Education**: If the student has not studied Education as a subject in the previous qualifying examination then Psychology/ Philosophy/ Mathematics/Sociology/ Economics/ Political Science/ History /Statistics /Physics /Chemistry /Biology be treated as related subjects.

(xii) **Philosophy**: If the student has not studied Philosophy as a subject in the previous qualifying examination then Psychology/ Math/ Education/ Sociology/Political Science be treated as related subjects

(xii) **Sociology**: Students passed the previous qualifying examination (10+2) in Science/Humanities/Arts (except Commerce) stream with any subject will be allowed to get admission in Sociology-Major.



**14. Nomenclature of degrees:**

1. Students taking up the Major and the Minor subjects from the Science Discipline shall pursue B.Sc. degree course.
  2. Students taking up the Major and the Minor subjects from the Humanities & Language Discipline shall pursue B.A. degree course.
  3. In case the Major & the Minor subjects taken by a student are included in both the disciplines (Science and Humanities & Language discipline) the Student shall pursue B.Sc. degree course.
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