



Admission to Semester-Wise 3-Year B.Sc. General 2021-2022
Under Choice Based Credit System (CBCS) Conducted by the University of Calcutta.

OUTLINE OF CHOICE BASED CREDIT SYSTEM

Academic Year: Two consecutive (one odd + one even) semesters constitute one academic year.

Course: Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. Different courses may have different marks. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.

A) **Core Course (CC):** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

Modalities of selecting Core Course (CC) by a student of General programme shall be as follows:

a) In case of B.Sc. General Programme a student shall have to study 4 Core Courses of each of the 3 chosen subjects as specified for each of the first 4 Semesters.

B) **Elective Course:** Generally a course which can be chosen from a pool of courses and which maybe very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

i) **Discipline Specific Elective (DSE) Course:** An elective course which may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. This course is to advance knowledge and skill in the core course domain.

Modalities of selecting DSE by a student of General programme shall be as follows:

a) In case of B.Sc. General programme, a student shall have to study 6 DSE courses strictly on 3 subjects, opted for pursuing core courses, taking exactly two courses from each subject. Such a student shall have to study the curriculum of DSE of the subject concerned as specified for the relevant semester, i.e., DSE-A in the 5th and DSE-B in 6th semester.

b) *Each General subject shall have two groups (A & B) of DSE papers. A student shall have to choose one paper from Group A of each of the three subjects in fifth semester and one paper from Group B of each of the three subjects in sixth semester.*

c) **Dissertation/Project:** An elective course designed to acquire special/advanced knowledge, is termed as dissertation/ project. This is considered as a special course involving application of knowledge in solving/ analyzing/ exploring a real life situation/ difficult problem. A dissertation/ project work will be of 6 credits. A dissertation/ project work may be given in lieu of a Discipline Specific Elective.

ii) **Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek wide exposure, is called Generic Elective.

Modalities of selecting GE by a student of General programme shall be as follows:

a) In case of B.Sc. General programme, a student shall not have to choose and study any Generic Elective course.

C) **Ability Enhancement Courses (AEC):** The Ability Enhancement Courses (AEC) may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

a) **Ability Enhancement Compulsory Courses (AECC):** AECC courses are the courses based upon the content that leads to Knowledge enhancement. These are mandatory for all disciplines.

i) AECC1 : Communicative English / MIL (Bengali);

ii) AECC2: Environmental Studies.

- b) **Skill Enhancement Courses (SEC):** These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge and are aimed at providing competencies, skills, etc.

Modalities of selecting SEC by a student of Honours/ General programme shall be as follows:

- a) In case of B.Sc. General programme, a student shall have to study 4 Skill Enhancement Courses strictly on 2 subjects out of the three, opted for pursuing core courses, taking exactly two courses from each subject. Such a student shall have to study the curriculum of SEC of the subject concerned as specified for the relevant semester.
- b) *Each General subject shall have two groups (A & B) of SEC papers. One paper from Group A of each of the two Core subjects to be chosen in the third and fifth semester; one paper from Group B of each of the two core subjects to be chosen in the fourth and sixth semester.*

Practical/ Tutorial: Every Core, Discipline Specific and Generic Elective Course shall have a Practical/ Tutorial component. Wherever there is a practical, there will be no Tutorial and vice-versa.

COURSE STRUCTURE FOR B. SC. GENERAL

Course Components	B.Sc. General
Core Course (CC)	12*
Language Core Course (LCC)	0
Generic Elective (GE)	0
Discipline Specific Elective (DSE)	6*
Ability Enhancement Compulsory Course (AECC)	2
Skill Enhancement Elective Course (SEC)	4**
Total no. of courses	24

*Covering 3(three) subjects **Covering 2(two) subjects

CREDIT STRUCTURE FOR B. SC. (GENERAL) COURSES

Course Type & Credit	Number of Courses × Credit (With practical)		Number of Courses × Credit (With Tutorial)	
	Theory	Practical	Theory	Tutorial
Core Course (CC) (6 credit)	12×4=48	12×2=24	12×5=60	12×1=12
Discipline Specific Elective (DSE) (6 credit)	6×4=24	6×2=12	6×5=30	6×1=6
Ability Enhancement Compulsory Course (AECC) (2 credit)	2×2=4	0	2×2=4	0
Skill Enhancement Course (SEC) (2 credit)	4×2=8	0	4×2=8	0
Total Courses (Credits)	24(84)	18(36)	24(102)	18(18)

Total Courses= 42 (24TH+18P/TU) Total Credits= 120 (84TH+36P) / (102TH+18P)

SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B. Sc. GENERAL

	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6
Core Course (CC)	3TH+3P/TU CC-1	3TH+3P/TU CC-2	3TH+3P/TU CC-3	3TH+3P/TU CC-4		
Discipline Specific Elective (DSE)					3TH+3P/TU DSE-A (1A+2A+3A)	3TH+3P/TU DSE- BA(2) (1B+2B+3B)
Ability Enhancement Compulsory Course(AECC)	1TH+0P/TU AECC-1	1TH+0P/TU AECC-2				
Skill Enhancement Course(SEC)			1TH+0P/TU SEC-A(1)	1TH+0P/TU SEC-B(1)	1TH+0P/TU SEC-A(2)	1TH+0P/TU SEC-B(2)
Total No. of Courses and Marks	4 ×100=400	4 ×100=400	4 ×100=400	4 ×100=400	4 ×100=400	4 ×100=400
Total Credits	20	20	20	20	20	20

TH= Theory P= Practical TU=Tutorial

CC/DSE: Each Theory and Practical Course has 4 and 2 Credits respectively/ Each Theory and Tutorial Course have 5 and 1 Credit(s) respectively

CC: 4 courses each from 3 subjects (one course from each subject under each semester)

DSE: 2 courses each from 3 subjects (one course from each subject under each semester)

AECC/SEC: Each Course has 2 credits

AECC-1: Communicative English/ MIL; **AECC-2:** Environmental Studies

SEC: 4 courses; two courses each from two subjects

DSE/SEC: Group (A & B) for specified semesters

Semester Work-load

Each Semester: 15-18 weeks of academic work

Theory / Tutorial: 1 Credit = 1 hr. /week

Practical: 1 Credit = 2 hrs. /week