

CHOICE BASED CREDIT SYSTEM (CBCS)

Course Curriculum for Undergraduate Courses under Choice Based Credit System

As per guidelines of Cooch Behar Panchanan Barma University the Choice Based Credit System (CBCS) is introduced in Under Graduate course of studies and examinations from the academic year 2017-18.

Choice Based Credit System (CBCS):

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill-based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations, the UGC has formulated the guidelines to be followed.

Advantages of the Choice Based Credit System:

1. Shift in focus from the teacher-centric to student-centric education.
2. Student may undertake as many credits as they can cope with (without repeating all courses in a given semester if they fail in one/more courses).
3. CBCS allows students to choose inter-disciplinary, intra-disciplinary courses, skill-oriented papers (even from other disciplines according to their learning needs, interests and aptitude) and more flexibility for students).
4. CBCS makes education broad-based and at par with global standards. One can take credits by combining unique combinations. For example, Physics with Economics, Microbiology with Chemistry or Environment Science etc.
5. CBCS offers flexibility for students to study at different times and at different institutions to complete one course (ease mobility of students). Credits earned at one institution can be transferred.

Definitions:

1. **Academic Session** means academic year from July to June.
2. **Year** means the period commencing from 1st day of July and ending 30th June following.
3. **Semester** means a period of six months beginning from July to December and January to June of each academic session containing equivalent to 90 actual teaching days.
4. **Credit** means the unit by which the course work is measured. It is equivalent to one hour of teaching (Lecture or Tutorial) or two hours of Practical work/Field work per week.
5. **Letter Grade** means an index of the performance of students in a said course. Grades are allotted by letters O, A+, A, B+, B, C, P and F.
6. **Grade Point** means a numerical weight allotted to each letter grade on a 10-point scale.

I	1	II	6	50				GE-I	6	50	ENVS	4	50			
	2	III	6	50				GE-2	6	50	MIL	2	50			
		IV	6	50												
II	3	V	6	50				GE-3	6	50				SEC-1	2	50
		VI	6	50												
	4	VII	6	50												
		VIII	6	50				GE-4	6	50				SEC-2	2	50
		IX	6	50												
		X	6	50												
III	5	XI	6	50	DSE-I	6	50									
		XII	6	50	DSE-II	6	50									
	6	XIII	6	50	DSE-III	6	50									
		XIV	6	50	DSE-IV	6	50									
TOTAL			84	700		24	200		24	200		6	100		4	100

Total Credit: (84+24+24+6+4) = 142

Full Marks: (700+200+200+100+100) = 1300

Choice of Honours subjects in Dewanhat Mahavidyalaya:

Sl No.	Honours subject
1.	Bengali
2.	English
3.	Sanskrit
4.	History
5.	Political Science
6.	Education
7.	Philosophy
8.	Geography

Choice of 2 Generic Elective subjects (Any one from each group):

Group A	Group B
Bengali	History

DATE OF EFFECT

These Regulations will come into effect from the academic year 2023-2024 and will have prospective effect.

APPLICABILITY

THE REGULATIONS RELATING TO 4-YEAR UNDER GRADUATE PROGRAM UNDER THE NEW CURRICULUM AND CREDIT FRAMEWORK, 2022 will be applicable only to full time Under Graduate Programs.

UNDERGRADUATE PROGRAMS

- a) The University is offering several undergraduate programs in its different constituent and affiliated Colleges/Department (s) with appropriate certifications such as:
 1. A 1 Year Under Graduate Certificate after completing 1 year (2 Semesters) of study in the chosen field.
 2. A 2 Year Under Graduate Diploma after 2 years (4 Semesters) of study in the chosen field.
 3. A 3 Year Under Graduate Degree after 3 years (6 Semesters) Program of study in the chosen field.
 4. A 4 Year Under Graduate Degree (with Honours /Honours with Research) after 4 years (8 Semesters) in the chosen field.
- b) A participant of the Program is a student who gets registered with the University for a Program of study and attends the same.
- c) Full-time Program is that Program where the participants study as per the semester system and are not employed. However, an employed person, if allowed, should submit NOC from the employer before admission.

COURSE

STRUCTURE

- a) Two semesters, with 44 credits, for exit option with a 1 Year Under Graduate Certificate.
- b) Four semesters, with 90 credits, for exit option with a 2 Year Under Graduate Diploma.
- c) Six semesters, with 132 credits, for exit option with a 3 Year Under Graduate Degree.
- d) Eight semesters, with 186 credits, culminating in a 4 Year Under Graduate Degree (with Honours).
- e) Eight semesters, with 186 credits, culminating in a 4 Year Under Graduate Degree (Honours with Research).

Each Course will be of 3/4/6 credits (wherever applicable), and the marks distribution will be as follows:

- i. Major course (MAJ) - 100 marks each – 6 credits
- ii. Minor courses (MIN) - 100 marks each – 6 credits
- iii. Ability Enhancement Courses (AEC) - 50 marks each – 4 credits
- iv. Multidisciplinary Courses (MDC) - 50 marks each – 3 credits
- v. Value Added Courses (VAC) - 50 marks each – 3 credits

- vi. Skill Enhancement Courses (SEC) - 50 marks each – 3 credits
- vii. Internship/Apprenticeship (INT) - 50 marks each – 4 credits
- viii. Research Project/Dissertation (RSH) (100+100) = 200 marks (applicable only if the student chooses to pursue Honours with Research) – 12 credits

OUTLINES OF 4-YEAR UNDERGRADUATE

PROGRAM:

Major Course (MAJ) (6 credits each):

It is the discipline or subject of main focus and the degree will be awarded in that discipline. Students should secure the prescribed number of credits (50% of total credits) through core courses in the major discipline.

This course, which should compulsorily be studied by a candidate as a core requirement, is termed as a Major course.

Minor Course (MIN) (6 credits each):

- *To gain a broader understanding beyond the major discipline*
- Two Minor disciplines, to be chosen from a pool of subjects, (one each to be chosen from two pools of subjects, in case of Arts and Humanities
- Discipline), with an intention to seek exposure beyond discipline/s of choice is called a Minor Course. The purpose of these courses is to offer the students the option to explore disciplines of interest beyond the choices they make in Major course.

Multidisciplinary Courses (MDC) Course (3 credits each): All UG students are required to undergo 3-introductory - level courses relating to any of the BROAD DISCIPLINES (as mentioned in the pool) and whose difficulty level, should not be higher than the +2 level. Students are not allowed to choose or repeat courses already undergone at the Higher Secondary Level (12th) class in the proposed major and minor stream under this category.

Skill Enhancement Courses (SEC) (3 credits each): These courses (three in number) may be chosen from the pool of courses provided, which are designed to impart value-based and/or skill-based knowledge **emphasizing on laboratory/hands on training/field work**. These courses are aimed at imparting practical skills, hands-on training, soft skills, etc., to enhance the employability of students.

Ability Enhancement Courses (AEC) (4 credits each):

Language courses focused on language and communication skills

Two papers are to be chosen. Ability Enhancement Courses (AEC) may be of two kinds, both pertaining to enhancement in ability in language subjects:

**Bengali or Hindi or Sanskrit or Alternative English in 1st Semester
and Basics in English in 4th Semester**

Value Added Courses (VAC) (3 credits each): These courses are based on Environmental Studies, Community engagement and service and Value based education which will be common to all students:

- i. **1st Semester:** Environmental Studies
- ii. **2nd Semester:** Constitution of India and Health & Wellness

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Internship (4 credits):

A course requiring students to participate in a professional activity or work experience, or cooperative education activity with an entity external to the education institution, normally under the supervision of an expert of the given external entity. A key aspect of internship is induction into actual work situations. All students will also undergo internships in a firm, industry, or organization or training in labs with faculty and researchers in their own or other HEIs/research institutions during the summer term.

All students will also have to undergo **Internship in the second semester.**

Practical/Tutorials

Practical means Laboratory or field exercises in which the student has to do experiments or other practical work of two-hour duration. Tutorial means special instructions based on the Lectures.

DETAILED COURSE STRUCTURE

1ST YR		2ND YR WITH				3RD YR				4TH YR HONS				4TH YR RESEARCH		HONS			
1ST SEM	C	2ND SEM	C	3RD SEM	C	4TH SEM	C	5TH SEM	C	6TH SEM	C	7TH SEM	C	8TH SEM	C	7TH SEM	C	8TH SEM	C
Major -1	6	Major -2	6	Major-3	6	Major-5	6	Major-7	6	Major-10	6	Major-13*	6	Major-17	6	Major-13	6	Major-17	6
Minor-1	6	Minor-2	6	Major-4	6	Major-6	6	Major-8	6	Major-11	6	Major-14	6	Major-18	6	Major-14#	6	Major-18#	6
MDC -1	3	VAC-1	3	Minor-3	6	Minor-4	6	Major-9	6	Major-12	6	Minor-5	6	Minor-6	6	Minor-5	6	Minor-6	6
SEC-1	3	SEC-2	3	SEC-3	3	AEC-2	4	MDC-3	3	VAC-2	3	Major-15**	6	Major-19	6	Major-15**	6	Major-19	6
AEC-1	4	INTRN	4	MDC-2	3							Major-16	6			Major-16	6		
SEM Credits	22		22		24		22		21		21		30		24		30		24
		44				46				42			54				54		
Total Credit= 132 (3 Year UG):																			
Total Credit= 186 (4 Year Hons)																			
Total Credit= 186 (4 Year Hons with Research)																			

DISCIPLINARY MAJOR (HONOUS SUBJECT): Appendix I

The major courses would provide a student to pursue in-depth study of a particular subject or discipline.

- 16 Major papers (2 in 1st year, 4 in 2nd year, 6 in 3rd year, 4 in 4th year)
- Additional 3 Major papers, only for those who will not take Hons with Research in the 4th year.
- 4Year UG Degree with Research will have 16 Major subjects & 4Year UG Degree without Research will have 19 Major papers.
- In the 4th Year (7th semester) each student has to study one Major paper (Major -13*) on Research Methodologies and Ethics which will be common for all 4 year Honors students irrespective of whether they take Research or not).
- Students pursuing 4 year Honours without Research will have to take three

extra Major Papers, where one of the Major paper (Major-15**) can be seminar based paper.

- Students pursuing 4 year Honours with Research will have to carry out dissertation of total 12 credits in 4th year (Major-16 in 7th semester and Major-19 in 8th semester). During 7th semester for Major-16, student has to submit a progress report during term end examination, on the Dissertation topic (Evaluation=100 marks). During the end of 8th semester for Major-19, student has to submit a Final Dissertation report on the same topic (Evaluation=100 marks).
- A seminar paper (Major-15**) comprising of 6 credits will also be undertaken by these students during 7th semester.
- Major 14[#] (7th semester) and Major-18[#] (8th semester) will be Electives related to Disciplines, which can be chosen from a pool of courses.

➤ **MINOR:- Appendix II**

Students need to choose any two Minor Discipline/Subjects, each comprising of 3 papers (Two Minors in 1st year, two in 2nd Year and two in 4th Year)

- Each Minor discipline will have 3 papers, follow the below mentioned minor subject combinations:

Minor subject combinations for Arts & Humanities Discipline (Minor shall never be same as Major discipline)

1. Bengali/ English/Sanskrit/Arabic/Philosophy/Sociology/Physical Education (1st, 2nd and 7th semester)
2. History /Economics/Political Sciences/Education/Geography/Mathematics for Geography & Economics Major (3rd, 4th and 8th semester)

[A candidate pursuing Major in a subject will not be allowed to take up the same subject as Minor.

A candidate pursuing Major in a Language subject will be allowed to take another Language subject as a Minor Subject.]

➤ **MULTIDISCIPLINARY COURSE: Appendix III= 3 MDC papers; MDC-1 (1st Semester), MDC-2 (3rd Semester), MDC-3 (5th Semester)**

Students have to choose any one discipline as MDC, comprising of 3 papers, which should not be similar to their major or minor or even any subject which they had in their Higher Secondary. For each Discipline there will be three MDC.

➤ **SKILL ENHANCEMENT COURSES=**

Skill Enhancement Courses are aimed at imparting practical skills, hands-on-training, soft skill set etc. to enhance the employability of students.

SEC (three SEC courses; each SEC subject will have 3 papers, each in 1st, 2nd and 3rd semester)

Subjects as specified in Appendix IV

[Any person having professional skill to train students irrespective of his/her educational qualifications can teach SEC courses]

Each student has to choose any one SEC subject comprising of three papers in 1st, 2nd and 3rd semester.

Other SEC subjects may be included depending on the infrastructural and manpower facilities available in the colleges in subsequent semester.

- **ABILITY ENHANCEMENT COURSES: Appendix V= AEC (two AEC papers; one in 1st Semester & one in 4th Semester)-**

These courses are introduced to achieve competency in Modern Indian Language (MIL) and in English language with special emphasis on language and communication skills.

Modern Indian Language (MIL)-Bengali or Hindi or Sanskrit or Alternative English in 1st Semester & Basics in English in 4th Semester

- **VALUE ADDED COURSE (Common for all UG): Appendix VI = VAC (2 VAC Papers common to all)**

The courses aim at establishing the students to acquire and demonstrate the knowledge and understanding of contemporary India with its historical perspective, the goals and policies of national development, constitutional values and fundamental rights and duties, environmental science and education and Health & Wellness.

VAC-1: Environmental Studies (emphasis on management & sustainable development)
VAC-2: Constitution of India and Health & Wellness [Gr-A-Constitution of India (emphasis on values, fundamental rights & duties) and Gr-B-Health & Wellness (emphasis on physical, social, intellectual, spiritual and mental wellbeing)]

- **INTERNSHIP (INTRN): (To be carried out at 2nd semester)**

A course requiring students to participate in a professional activity or work experience or cooperative education activity with an entity external to the education institution, normally under the supervision of an expert of the given external entity. A key aspect of internship is induction into actual work situations. All students will also undergo internships in a firm, industry, or organization or training in labs or community engagement & services or field-based learning/minor projects with faculty and researchers in their own or other HEIs/research institutions during the summer term. **NSS activities (apart from Regular/ Special NSS activities) may also be considered in the Internship during summer term.**

Students need to submit to the respective College a certificate of completion of Internship as per the prescribed format provided by the University. And on the basis of the remark mentioned on the certificate, the final evaluation will be done by the college (50 marks).

RESEARCH PROJECT/DISSERTATION= DISSETRN (2 Research papers, one at each 7th and 8th semester)

Students who secure 75% marks and above in the First 6 semesters and wish to undertake research at the UG level can choose a Research stream in the 4th year. Students need to carry out dissertation under the guidance of a recognized PhD Supervisor of University/College.

- Selection of Major or Minor courses depends on the availability of that particular course has been taught in the respective colleges.
- Introduction of New Major courses by the college are subject to approval by the WB State Council of Higher Education followed by University. Upgradation of existing

subjects of Program courses of CBCS system to Major course are subject to approval by the WB State Council of Higher Education followed by University.

Detailed Credit Distribution Structure

The term 'credit' refers to the weightage given to a course, usually in terms of the number of instructional hours per week assigned to it. This explains why usually 'credit' is taken to mean 'credit hours'. The credits also determine the volume of course contents and delivery of Course such as lectures, tutorials, projects, practical, assignments etc.

For the purpose of credit determination, instruction is divided into three components:

- **Lectures (L)** - Classroom lectures of one-hour duration.
- **Tutorials (T)** - Special, elaborate instructions on specific topics (from Lectures) of one-hour duration.
- **Practicals (Pr)** - Laboratory or field exercises in which the student has to do experiments or other practical work of two-hour duration.

Notes

- Students **exiting the programme after securing 44 credits with completion of Internship** during summer/vacation term or internship / Apprenticeship **will be awarded a 1 year Under Graduate Certificate** in the relevant Discipline / Subject.
- Students **exiting the programme after securing 90 credits with completion of Internship** during summer/vacation term or internship / Apprenticeship **will be awarded a 2 Year Under Graduate Diploma** in the relevant Discipline /subject.
- Modalities regarding the offering of internship / Apprenticeship to be finalized by the respective colleges and to be intimated to the University, in case of any exit.
- Students who want to undertake 3-year UG programme will be **awarded a 3 Year Under Graduate Degree** in the relevant Discipline /Subject upon **securing 132 credits**.
- Students will be **awarded a 4 Year Under Graduate Degree (with Honours)** in the relevant Discipline /Subject provided they **secure 186 credits**.
- Students will be **awarded a 4 Year Under Graduate Degree (Honours with Research) Degree** in the relevant Discipline /Subject provided they **secure 186 credits**.

CURRICULUM

The Courses will be recommended by the Undergraduate Board of Studies in each respective Subject from time to time in accordance with the rules of the COOCH BEHAR PANCHANAN BARMA UNIVERSITY.

a) General guidelines

- i. A student pursuing a subject as a Major Course, will have to opt for any SEC as per listed courses.
- ii. Two Minor Courses must be different from the Major Course.
- iii. One Multidisciplinary Courses (MDC) comprising of 3 papers, be chosen from a pool of courses. A student has to continue same MDC

for MDC 1, MDC 2 and MDC 3. Students are not allowed to choose or repeat MDC courses which should not be similar to their major or minor or already undergone at Higher Secondary level (12th class).

- iv. Practical/Tutorial: Every Major and Minor Course will have one Practical/Tutorial. Wherever there is a Practical, there will be no Tutorial and vice-versa.
- v. A student will have to study two papers each from two Ability Enhancement Courses (AEC), and two papers of Value-Added Courses (VAC).

b) Guidelines for Four Year Under Graduate Program (Honours with Research)

A student who secures 75% marks and above individually in the first five semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year subject to securing 75% marks in the sixth semester failing which the student will be shifted to 4-year undergraduate honours program.

They should do a research project or dissertation in the major discipline under the guidance of a faculty member of the University/College in the eighth semester. The research outcomes of their project work may be published in peer-reviewed journals or may be presented in conferences /seminars or may be patented.

The College offering a 4-year UG Degree (Honours with Research) must have the required infrastructure such as the library, access to journals, computer lab and software, laboratory and/or other required facilities to carry out experimental research work, and at least two permanent faculty members who are recognized as Ph.D. supervisors.

APPENDIX I:

Major (MAJ) Courses (any one from the following)

Science	Arts, Humanities and Social Science	Commerce	Business Administration
1. Botany 2. Chemistry 3. Computer Science 4. Mathematics 5. Physics 6. Physiology 7. Zoology	1. Arabic 2. Bengali 3. Economics 4. Education 5. English 6. Geography 7. Hindi 8. History 9. NCC* 10. Philosophy 11. Political Science 12. Physical Education** 13. Sanskrit 14. Sociology	1. Commerce	1. Business Administration 2. Business Management

* to be introduced only as a 3 year UG Major Course

** to be introduced as 4 Year UG (Honours) Programme subject to approval from WBSCH. Otherwise it will be treated as 3 Year UG Major Course

APPENDIX II:

Minor (MIN) Courses (any two from the following, belonging to the group of the Major subject chosen)

Science	Arts, Humanities and Social Science	Commerce	Business Administration
1. Botany 2. Chemistry 3. Computer Science 4. Mathematics 5. Physics 6. Physiology 7. Zoology	1. Arabic 2. Bengali 3. Economics 4. Education 5. English 6. Geography 7. Hindi 8. History 9. NCC 10. Philosophy 11. Political Science 12. Physical Education* 13. Sanskrit 14. Sociology 15. Mathematics (For Major in Geography and Economics only)	1. Commerce	1. Business Administration 2. Business Management

APPENDIX III:

Multidisciplinary Courses (MDC) (any one from the following, excluding courses belonging to the group of the Major and / or Minor subjects chosen and excluding those courses already undergone at the Higher Secondary Level (12th) class): A student will choose any MDC subject from the pool. However, the student has to choose same MDC for all three courses for MDC 1 (for Semester 1 only), MDC 2 (for Semester 3 only), and MDC 3 (for Semester 5 only):

SI No	Course (MDC 1)	Course (MDC 2)	Course (MDC 3)
1	Arabic	Arabic	Arabic
2	Business Administration	Business Administration	Business Administration
3	Business Management	Business Management	Business Management
4	Bengali	Bengali	Bengali
5	Botany	Botany	Botany
6	Chemistry	Chemistry	Chemistry
7	Commerce	Commerce	Commerce
8	Computer Science	Computer Science	Computer Science
9	Economics	Economics	Economics
10	Education	Education	Education
11	English	English	English
12	Geography	Geography	Geography
13	Hindi	Hindi	Hindi
14	History	History	History
15	Mathematics	Mathematics	Mathematics
16	NCC	NCC	NCC
17	Philosophy	Philosophy	Philosophy
18	Physical Education	Physical Education	Physical Education
19	Physics	Physics	Physics
20	Physiology	Physiology	Physiology
21	Political Science	Political Science	Political Science
22	Sanskrit	Sanskrit	Sanskrit
23	Sociology	Sociology	Sociology
24	Zoology	Zoology	Zoology

APPENDIX IV:

SEC courses are aimed at imparting practical skills, hands on training, soft skills, etc., to enhance the employability of students. Three Skill Enhancement Courses (SEC) are to be taken by a student in 1st, 2nd and 3rd semester. A student will choose any SEC subject from the pool. However, he/she/transgender has to choose same SEC for all three courses for SEC 1, SEC 2 and SEC 3

SI No	Course
1.	Aquarium Fish Keeping & Management

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2.	Baking
3.	Basic computing
4.	Basic GIS Mapping with QGIS
5.	Beauty and Wellness
6.	Bhawaiya
7.	Bhumi Sahayak/Amin/Surveying
8.	Computational Physics
9.	Electronic Repairing
10.	Folk & Creative Dance
11.	Gardening
12.	Green Methods in Chemistry
13.	GST Filing
14.	Hospitality Management
15.	Indian Games
16.	Interior Designing
17.	Medical Pathology
18.	Medicinal & Pharmaceutical Chemistry
19.	Museum and Archival Science
20.	Office Administration & Management
21.	Organic Farming
22.	Poultry Breeding
23.	Professional Ethics
24.	Proof Reading (Bangla Likhan, Proof Reading O Prakashana) (Bengali)
25.	Proof Reading (English)
26.	Recitation (Abritti Bishoyok Karmashala)
27.	Soft Skill
28.	Spoken English
29.	Stress Management & Counselling
30.	Tailoring & Designing
31.	Theatre (Natya Bishoyok Karmashala)
32.	Tourism
33.	Video & Photography Editing
34.	Wild Life Conservation & Management

APPENDIX V:

Ability Enhancement Course (AEC) (any one from the following): two papers each

Sl. No.	1 st Semester	4 th Semester
1	Bengali or Hindi or Sanskrit or Alternative English	Basics in English

Appendix VI: Value Added Courses (VAC)

Sl. No.	Course
VAC 1	Environmental Studies
VAC 2	Constitution of India and Health & Wellness