

**THE UNIVERSITY OF BURDWAN**



**RAJBATI, BURDWAN- 713104**

-----  
Office of the Secretary, Council for U.G. Studies in Arts, Sc., Comm. etc.

No.- UG/Sem./( all Principals)/

Date: 05.05.2017

To,  
The Principals/ Teachers-in- Charge  
of all Degree Colleges affiliated to  
the University of Burdwan.

Sir/ Madam,

I am directed to state that as per decision, taken by the Executive Council, B.U., at its meeting held on 28.12.2016, Semester with CBCS at Under- graduate level will be introduced from the academic year 2017-2018. Guidelines regarding implementation of Semester with CBCS at Under- graduate level is available on the university website ([www.buruniv.ac.in](http://www.buruniv.ac.in)).

This is for your kind information and necessary action.

Thanking you,

Yours faithfully,

Sd/-

Secretary,

UG Council, B.U.

No.- UG/Sem./( all Principals)/

Date: 05.05.2017

Copy forwarded for information to the

1. P.A. to Vice-chancellor, B.U.
2. Secretary to Pro Vice-chancellor, B.U.
3. P.A. to Registrar

Sd/-

Secretary,

UG Council, B.U.

# THE UNIVERSITY OF BURDWAN



## **DRAFT OUTLINE OF THE SEMESTER WISE COURSE STRUCTURES OF B.A. /B.Sc. / B.Com. UNDER THE CHOICE BASED CREDIT SYSTEM (CBCS)**

Under the CBCS there are broadly **two** course structures- i) **Honours** Course and ii) **Regular/ General** Course. The main components of the courses are as follows:

**1. Core Course** : A course, that should compulsorily be studied by a candidate as a core requirement, is termed as a core course.

**2. Elective Course** : Generally a course, which can be chosen from a pool of courses and which may be 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.

**2.1 Discipline Specific Elective (DSE) Course** : A course, which may be offered by the main discipline/ subject of study, is referred to as Discipline Specific Elective.

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

**N.B.**- A **Core Course**, offered in a discipline/ subject, may be treated as an elective by other discipline/ subject and vice-versa and such electives may also be referred to as **Generic Elective**.

**2.3 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.

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

**3.1 AECC** : These are the courses based on the contents that lead to knowledge enhancement and consist of Environmental Studies & English/ MIL Communication. These are mandatory for all disciplines.

**3.2 SEC :** SEC are value- based and/ or skill- based and are aimed at providing hand-on-training, competency, skill etc. It will be minimum 2 for Honours Courses and 4 for General Courses. These may be chosen from a pool of courses designed to provide value- based and/ or skill- based knowledge would contain both theory and lab./ hands-on-training/ field work. The main purpose of these courses is to provide the students life-skill in hands-on-mode so as to increase their employability.

# # **Practical/ Tutorial** : One each with every Core, Discipline Specific and Generic Elective Paper.

# **Course Structure ( Honours & General)**

Course Components	B.Sc.		B.A.		B.Com.	
	Honours	General	Honours	General	Honours	General
<b>Core Course (CC)</b>	14	12	14	12	14	12
<b>Discipline Specific Elective (DSE) Course</b>	4	6	4	4	4	4
<b>Generic Elective ( GE) Course</b>	4	----	4	2	4	2
<b>Ability Enhancement Compulsory Course ( AECC )</b>	2	2	2	2	2	2
<b>Skill Enhancement Course ( SEC )</b>	2	4	2	4	2	4

**Details of Courses of B.A./ B.Sc./ B.Com.( Honours ) under CBCS**

<u>Course</u>	<u>Credit</u>	
	<u>Theory + Practical</u>	<u>Theory + Tutorial</u>
1. <u>Core Course</u> ( 14 papers)	14x4 = 56	14x5 = 70
Core Course ( Practical / Tutorial)* ( 14 papers)	14x2 = 28	14x1 = 14
2. <u>Elective Courses</u> (8 papers)		
A. DSE (4 papers)	4x4 = 16	4x5 = 20
DSE ( Practical / Tutorial)* (4 papers)	4x2 = 8	4x1 = 4
B. GE ( Interdisciplinary) (4 papers)	4x4 = 16	4x5 = 20
GE ( Practical / Tutorial)* (4 papers)	4x2 = 8	4x1 = 4

# **Optional Dissertation/ Project Work in place of one DSE paper (6 credits) in 6<sup>th</sup> semester.**

3. <u>Ability Enhancement Courses</u>		
A. AECC	2x2 = 4	2x2 = 4

(2 papers of 2 credits each)		
ENVS, English Communication / MIL		
B. SEC	2x2 = 4	2x2 = 4
(2 papers of 2 credits each)	-----	-----
<b>Total Credit:</b>	140	140

An Under-graduate Honours Degree in a discipline may be awarded if a student completes 14 core papers in that discipline, 4 papers each from a list of DSE and GE respectively, 2 papers in AECC and minimum 2 papers in SEC.

*\* Wherever there is a practical, there will be no tutorial and vice-versa.*

### **Details of Courses of B.A./ B.Sc./ B.Com.( General ) under CBCS**

<u>Course</u>	<u>Credit</u>	
	<u>Theory + Practical</u>	<u>Theory + Tutorial</u>
1. <u>Core Course</u> ( 12 papers) 4 core papers each in 3 disciplines of choice Core Course ( Practical / Tutorial)* ( 12 papers)	12x4 = 48  12x2 = 24	12x5 = 60  12x1 = 12
2. <u>Elective Courses</u> (6 papers)		
A. DSE (6 papers for B.Sc./ 4 papers for B.A. and B.Com.) DSE ( Practical / Tutorial)* (6 papers for B.Sc./ 4 papers for B.A. and B.Com.)	6x4 = 24  6x2 = 12	4x5 = 20  4x1 = 4
B. GE ( Interdisciplinary) (2 papers for B.A. and B.Com.) GE ( Practical / Tutorial)* (2 papers for B.A. and B.Com.)	-----  -----	2x5 = 10  2x1 = 2
<b># Optional Dissertation/ Project Work in place of <u>one</u> DSE paper (6 credits) in 6<sup>th</sup> semester.</b>		
3. <u>Ability Enhancement Courses</u>		
A. AECC (2 papers of 2 credits each) ENVS, English Communication/ MIL	2x2 = 4	2x2 = 4
B. SEC (4 papers of 2 credits each)	4x2 = 8 -----	4x2 = 8 -----
<b>Total Credit:</b>	120	120

An Under-graduate General Degree in Science may be awarded if a student completes 4 core papers each in three disciplines of choice, 2 papers each from a list of DSEs based on the three disciplines of choice selected above, 2 papers in AECC and minimum 4 papers in SEC.

An Under-graduate General Degree in Humanities/ Social Sciences/ Commerce may be awarded if a student completes 4 core papers each in two disciplines of choice along with 2 core papers each in two Languages from English, Bengali and

Hindi respectively, 2 papers each from a list of DSEs based on the two disciplines of choice selected above and 2 papers from the list of GEs, 2 papers in AECC and minimum 4 papers in SEC.

***\* Wherever there is a practical, there will be no tutorial and vice-versa.***

The evaluation of the candidates shall be based on continuous assessment. The structure of evaluation shall be as follows:

- i) Each semester- assessment shall be divided into three (3) discrete components, viz.  $C_1$ ,  $C_2$  and  $C_3$ . The students will be informed about the modalities of continuous assessment activities well in advance. The first component ( $C_1$ ) of assessment shall be of **10%** of the total marks of each course of a semester and will be based on class attendance, class test or assignment or seminar. During the first two months of each semester, 1/3 of the syllabus will be completed. The continuous assessment and  $C_1$  will be consolidated during the 8<sup>th</sup> week of the concerned semester. The second component ( $C_2$ ) of assessment shall be of **10%** of the total marks of each course of a semester and will be based on class attendance, class test or assignment or seminar. During the second two months of each semester, 2/3 of the syllabus will be completed. The continuous assessment and  $C_2$  will be consolidated during the 16<sup>th</sup> week of the concerned semester. Appearance in  $C_1$  &  $C_2$  is mandatory.
- ii) During the 21<sup>st</sup> – 23<sup>rd</sup> weeks of a semester, a Semester- end Examination shall be conducted for each course and the proportion of  $C_3$  will be **80%** of the total marks each course of the semester.
- iii) The result of each course in a semester shall be based on the values of  $C_1$ ,  $C_2$  &  $C_3$  and shall be awarded in form of grade point.

### **Mechanism of computation of work-load per week:**

- i) 1 Credit = 1 Theoretical class of 1- hour duration
- ii) 1 Credit = 1 Tutorial class of 1- hour duration
- iii) 1 Credit = 1 Practical class of 2- hour duration

## **SEMESTER WISE DISTRIBUTION OF COURSES AND CREDITS**

### **B.A./ B.Sc./ B.Com. Honours**

Courses/ (Credits)	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total No. of Courses	Total Credit
CC (6)	2	2	3	3	2	2	14	84
DSE (6)					2	2	04	24
GE (6)	1	1	1	1			04	24
AECC (2)	1	1					02	04
SEC (2)			1	1			02	04
Total No. of Courses per Sem.	4	4	5	5	4	4	26	-----
Total Credit per Semester	20	20	26	26	24	24	-----	140

## **SEMESTER WISE DISTRIBUTION OF COURSES AND CREDITS**

### **B.A./ B.Com. General**

Courses/ (Credits)	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total No. of Courses	Total Credit
CC - 1,2 (6)	2 (1A, 2A)	2 (1B, 2B)	2 (1C, 2C)	2 (1D, 2D)			8	48
Language CC- 1,2 (6)	1 (L <sub>1</sub> -1)	1 (L <sub>2</sub> -1)	1 (L <sub>1</sub> -2)	1 (L <sub>2</sub> -2)			4	24
DSE- 1,2 (6)					2 (1A, 2A)	2 (1B, 2B)	4	24
GE (6)					1 (GE-1)	1 (GE-2)	2	12

AECC (2)	1	1					2	04
SEC (2)			1	1	1	1	4	08
Total No. of Courses per Sem.	4	4	4	4	4	4	24	-----
Total Credit per Sem.	20	20	20	20	20	20	-----	120

## **SEMESTER WISE DISTRIBUTION OF COURSES AND CREDITS**

### **B.Sc. General**

Courses/ (Credits)	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total No. of Courses	Total Credit
CC - 1,2,3 (6)	3 (1A, 2A, 3A)	3 (1B, 2B, 3B)	3 (1C, 2C, 3C)	3 (1D, 2D, 3D)			12	72
DSE- 1,2,3 (6)					3 (1A, 2A, 3A)	3 (1B, 2B, 3B)	6	36
GE (6)	-----	-----	-----	-----	-----	-----	-----	-----
AECC (2)	1	1					2	04
SEC (2)			1	1	1	1	4	08
Total No. of Courses per Sem.	4	4	4	4	4	4	24	-----
Total Credit per Sem.	20	20	20	20	20	20	-----	120

### **Full marks of a course, having 6 credits/ 2credits, along with distribution of marks:**

1. Full marks of each course of B.A./ B.Sc./ B.Com. ( Hons. & Gen. ), carrying 6 credits, be **75**
2. Full marks of each course of B.A./ B.Sc./ B.Com. ( Hons. & Gen. ), carrying 2 credits, be **50**
3. For **B.A. & B.Com.** ( Hons. & Gen. ) Courses , having no practical, , distribution of 75 marks be as follows:

i) Class Attendance cum Internal Assessment : 20% of 75 marks = 15 marks of which 5 marks be reserved for class attendance ( both theoretical + tutorial ) in the following manner:

Attendance 50% & above but below 60% - 2 marks

Attendance 60% & above but below 75% - 3 marks

Attendance 75% & above but below 90% - 4 marks

Attendance 90% & above - 5 marks

and 10 marks be reserved for class test/ assignment/ seminar ( theoretical- 5 & tutorial - 5 ). Minimum 15 classes be allotted for tutorial portion.

ii) In the Semester-end- Examination of each course, Question Paper be set for 60 marks, distribution of which may be as under:

a) Answer 10 questions out of 15 carrying 02 marks each =  $10 \times 02 = 20$

b) Answer 04 questions out of 06 carrying 05 marks each =  $04 \times 05 = 20$

c) Answer 02 questions out of 04 carrying 10 marks each =  $02 \times 10 = 20$

**However, questions, carrying 05 or 10 marks, need not necessarily to be a single question.**

**4. For B.Sc. ( Hons. & Gen. ) Courses, having practical, distribution of 75 marks be as follows:**

i) Class Attendance cum Internal Assessment : 20% of 75 marks = 15 marks of which 5 marks be reserved for theoretical class attendance in the following manner:

Attendance 50% & above but below 60% - 2 marks

Attendance 60% & above but below 75% - 3 marks

Attendance 75% & above but below 90% - 4 marks

Attendance 90% & above - 5 marks

and 10 marks be reserved for class test/ assignment/ seminar ( theoretical -5 & practical -5 ).

ii) 20 marks be allotted for Semester-end- Practical Examination of each course, distribution of which may be as under:

a) Lab. Note Book : 05 Marks

b) Viva- voce : 05 Marks

c) Experiment : 10 marks

Or, as may be decided by the concerned Board of Studies.

iii) 40 marks be allotted for Semester-end-Theoretical Examination of each course, distribution of which may be as under:

a) Answer 05 questions out of 08 carrying 02 marks each =  $05 \times 02 = 10$

b) Answer 02 questions out of 04 carrying 05 marks each =  $02 \times 05 = 10$

c) Answer 02 questions out of 04 carrying 10 marks each =  $02 \times 10 = 20$

**However, questions, carrying 5 or 10 marks, need not necessarily to be a single question.**

**5. For B.A. & B.Com. ( Hons. & Gen. ) Courses , having practical, distribution of 75 marks be as under:**



a) i) In case of '**Fully Practical**' based course, Class Attendance cum Internal Assessment : 20% of 75 marks = 15 marks of which 5 marks be reserved for practical class attendance in the following manner:

Attendance 50% & above but below 60% - 2 marks

Attendance 60% & above but below 75% - 3 marks

Attendance 75% & above but below 90% - 4 marks

Attendance 90% & above - 5 marks

and 10 marks be reserved for class test/ assignment.

ii) 60 marks be allotted for Semester-end- Practical Examination of each course, distribution of which may be as under:

Viva- voce : 10 Marks, Experiment : 50 marks

b) i) In case of a course, **containing theory and practical**, Class Attendance cum Internal Assessment : 20% of 75 marks = 15 marks of which 5 marks be reserved for theoretical class attendance in the following manner:

Attendance 50% & above but below 60% - 2 marks

Attendance 60% & above but below 75% - 3 marks

Attendance 75% & above but below 90% - 4 marks

Attendance 90% & above - 5 marks

and 10 marks be reserved for class test/ assignment/ seminar ( theoretical -5 & practical -5 ).

ii) 20 marks be allotted for Semester-end- Practical Examination of each course, distribution of which may be as under:

Viva- voce : 05 Marks , Experiment : 15 marks

iii) 40 marks be allotted for Semester-end-Theoretical Examination of each course, distribution of which may be as under:

a) Answer 05 questions out of 08 carrying 02 marks each =  $05 \times 02 = 10$

b) Answer 02 questions out of 04 carrying 05 marks each =  $02 \times 05 = 10$

c) Answer 02 questions out of 04 carrying 10 marks each =  $02 \times 10 = 20$

**However, questions, carrying 5 or 10 marks, need not necessarily to be a single question.**

6. **For B.Sc. ( Hons. & Gen. ) Courses , having no practical, distribution of 75 marks, be same as (3) above.**

7. In the Semester-end- Examination of **AECC** of B.A./ B.Sc./ B.Com, carrying 2 credits (ie. full marks 50), MCQ be set and OMR sheet be used. Under AECC, ENVS be taught in the 1<sup>st</sup> Semester and communicative Eng./ MIL be taught in the 2<sup>nd</sup> Semester.

8. **For B.A., B.Sc. & B.Com. ( Hons. & Gen. ) Courses , distribution of 50 marks ( for each SEC) be as follows:**

i) Internal Assessment : 20% of 50 marks = 10 marks be reserved for class test/ assignment/ seminar.

ii) 40 marks be allotted for Semester-end-Theoretical Examination of each course, distribution of which may be as under:

a) Answer 05 questions out of 08 carrying 02 marks each =  $5 \times 2 = 10$

b) Answer 02 questions out of 04 carrying 05 marks each =  $2 \times 5 = 10$

c) Answer 02 questions out of 04 carrying 10 marks each =  $2 \times 10 = 20$   
**However, questions, carrying 5 or 10 marks, need not necessarily to be a single question.**

**Distribution of total marks (1850), equivalent to 140 credits, of all courses to be studied by a student of B.A./ B.Sc./ B.Com. Hons.**

CC :  $75 \times 14 = 1050$   
DSE :  $75 \times 4 = 300$   
GE :  $75 \times 4 = 300$   
AECC :  $50 \times 2 = 100$   
SEC :  $50 \times 2 = 100$

**Distribution of total marks (1650), equivalent to 120 credits, of all courses to be studied by a student of B.A./ B.Sc./ B.Com. Gen.**

**B.A. & B.Com. (Gen.)**

CC :  $75 \times 12 = 900$   
DSE :  $75 \times 4 = 300$   
GE :  $75 \times 2 = 150$   
AECC :  $50 \times 2 = 100$   
SEC :  $50 \times 4 = 200$

**B.Sc. (Gen.)**

CC :  $75 \times 12 = 900$   
DSE :  $75 \times 6 = 450$   
AECC :  $50 \times 2 = 100$   
SEC :  $50 \times 4 = 200$