

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.

CHOICE BASED CREDIT SYSTEM (CBCS)

Regulations

(For the UG Programmes)

(For the candidates to be admitted from the academic year 2005-2006 onwards)

1. Eligibility

- (i) **For Admission :** A pass in the Higher Secondary Examination (Academic / Vocations Stream) conducted by the Government of Tamil Nadu; or an examination accepted as equivalent thereto (like PUC) by the Syndicate, subject to such conditions as may be prescribed therefor.

Provided that the candidates who have passed the qualifying examination with Commerce/Accountancy as one of the subjects of study shall be given preference in admission to B.Com. Degree Programme.

Provided that the candidates who have passed the qualifying examination with Commerce / Accountancy / Management / Economics / Banking / Logic as one of the courses of study shall be given preference in admission to B.A. Co-operation.

Provided that the candidates who have passed the qualifying examination with Mathematics as one of the subjects of study shall be given preference in admission to B.C.A. programme.

- (ii) **For the Degree :** The candidates shall have subsequently undergone the prescribed course of study in a college affiliated to this University for a period of not less than three academic years, passed the examinations prescribed and fulfilled such conditions as have been prescribed therefor.

2. Duration :

The course is for a period of three years. Each academic year shall comprise of two semester viz. Odd and Even semesters. Odd semesters shall be from June / July to October / November and Even Semesters shall be from November / December to April / May. There shall be not less than 90 working days which shall comprise 450 teaching clock hours for each semester. (Exclusive of the days for the conduct of University end-semester examinations).

3. Programmes :

a. Arts :

Tamil	Applied Tamil
English	History
Economics	Bachelor of Social Work (B.S.W)
Sociology	Philosophy
Music	Oriental Culture
Co-operation	Sanskrit

b. Science :

Mathematics	Statistics
Physics	Chemistry
Botany	Zoology
Geology	Computer Science
Geography	Electronics
Industrial Electronics	Applied Physics (Instrumentation)
Home Science	Bio-Chemistry
Microbiology	Physical Education
Bioinformatics	Nutrition and Dietetics
Biotechnology	Information Technology
Visual Communication	Health Care & Hospital Management
Apparel & Fashion Technology	Fashion Technology & Costume Designing
Hotel Management & Catering Science	

c. Bachelor of Computer Applications (B.C.A.)

d. B.Com.,

B.Com. (Bank Management)

B.Com. (Applied)

e. Bachelor of Business Administration (B.B.A.)

f. B.Litt. Tamil

4. The CBCS System

All Programmes (named after the Core subject) mentioned earlier shall be run on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

5. Courses in Programmes

The UG programme consists of a number courses. The term 'course' is applied to indicate a logical part of the subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The following are the various categories of Courses suggested for the UG programmes.

Language Courses (LC) (any one of Tamil, Hindi, Sanskrit, French, Arabic, Urdu, etc), English Language Courses (ELC), Core Courses (CC), Allied Courses (AC), Elective Courses (EC) (instead of Applied Course in the curriculum followed earlier) and General Interest Course (GIC).

The Language Courses and English Language Courses are 4 each in number and the LC and ELC are meant to develop the students' communicative skill at the UG level. Core Courses are the basic courses compulsorily required for each of the programme of study. These will be related to the subject of the programme in which the candidate gets his / her degree. The number of Core Courses shall be 14. Allied Courses cover two disciplines that are generally related to the main subject of the programme. There shall be 6 Allied Courses.

The Elective Courses (EC), four in number for each UG degree, are open to all students irrespective of Science, Arts or Commerce Programmes. A student shall choose atleast two Elective Courses from outside his / her Department. It is also open to a student to choose all the four Elective Courses from outside his / her Department (Annexure).

Selection of students to the EC :

- a. The Department Committee shall follow a selection procedure on a first come first served basis, fixing the maximum number of students, giving counselling to the students etc. to avoid overcrowding to particular course(s) at the expense of some other courses.
- b. The failed candidates in one EC are permitted to opt for another EC in another programme Or they are permitted to continue with the same EC.
- c. The Colleges shall provide all information relating to the ECs in each programme to all the students so as to enable them to choose their ECs.

The student can choose any one of the two General Interest Courses : History of Science and Computer Applications. Computer Literates and those who select programmes related to Computer Science should opt only for History of Science.

6. The UGC recommended Certificate Course on Environmental Studies is to be offered in the second semester of all the UG Programmes outside the class hours.

7. Part IV - Extension and Extra-Curricular Activities : These should be carried out outside the class hours.

8. Semesters

An academic year is divided into two **semesters**. In each semester, courses are offered in 15 teaching weeks and the remaining 5 weeks are to be utilized for conduct of examinations and evaluation purposes. Each week has 30 working hours spread over 5 / 6 days a week.

9. Credits

The term 'Credit' refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. For instance, a six hour course per week is assigned four credits, four / five hour course per week is assigned three credits and two hour course per week is given two credits. However, in no instance the credits of a course can be greater than the hours allotted to it.

The total minimum credits, required for completing a UG program is 120. The details of credits for individual components and individual courses are given in Table – 1 & 2.

10. Course

Each **Course** is to be designed variously under lectures / tutorials / laboratory or field work / seminar / practical training / Assignments / Term paper or Report writing etc., to meet effective teaching and learning needs.

11. Examinations

- i. There shall be examinations at the end of each semester, for odd semesters in the month of October / November; for even semesters in April / May. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in October / November or April / May.
- ii. A candidate should get registered for the first semester examination. If registration is not possible owing to shortage of attendance beyond condonation limit / regulations prescribed OR belated joining OR on medical grounds, the candidates are permitted to move to the next semester. Such candidates shall re-do the missed semester after completion of the programme.
- iii. The results of all the examinations will be published through the college where the student underwent the course as well as through University Website. In the case of private candidates, the results, will be published through the Centres in which they took the examinations as well as through University Website.

11 a. Candidates studying Sanskrit under LCs and programme in Sanskrit (CCs, ACs and ECs) are permitted to write the Examinations in Sanskrit Or English Or Tamil. While answering in Sanskrit "Devanagari Script" alone be used.

12. Condonation

Students must have 75% of attendance in each course for appearing the examination. Students who have 74% to 65% of attendance shall apply for condonation in the prescribed form with the prescribed fee. Students who have 64% to 50% of attendance shall apply for condonation in prescribed form with the prescribed fee along with the Medical Certificate.

Students who have below 50% of attendance are not eligible to appear for the examination. They shall re-do the semester(s) after completion of the programme.

13. Question Paper Pattern

Part A

Ten Questions (No choice) 10 x 2 = 20 marks
Two Questions from each Unit

Part B

Five Questions (either or type) 5 x 5 = 25 marks
One Question from each Unit

Part C

Three Questions out of five 3 x 10 = 30 marks
One Question from each unit

14. Evaluation

The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points. Evaluation for each course shall be done by a continuous internal assessment by the concerned course teacher as well as by an end semester examination and will be consolidated at the end of the course. The components for continuous internal assessment are :

Two tests	15 Marks (Third / repeat test for genuine absentees)
Seminar / Quiz	5 Marks
Assignments	5 Marks
Total	25 Marks

Attendance need not be taken as a component for continuous assessment, although the students should put in a minimum of 75% attendance in each course. In addition to continuous evaluation component, the end semester examination, which will be a written-type examination of at least 3 hours duration, would also form an integral component of the evaluation. The ratio of marks to be allotted to continuous internal assessment and to end semester examination is 25 : 75. The evaluation of laboratory component, wherever applicable, will also be based on continuous internal assessment and on an end-semester practical examination.

15. Passing Minimum

The passing minimum for CIA shall be 40% out of 25 marks (i.e. 10 marks).

Failed candidates in the Internal Assessment are permitted to improve their Internal Assessment marks in the subsequent semesters (2 chances will be given) by writing test and by submitting Assignments.

The passing minimum for University Examinations shall be 40% out of 75 marks (i.e. 30 marks)

16. Grading

Once the marks of the CIA and end-semester examinations for each of the courses are available, they will be added. The marks thus obtained will then be graded as per details provided in Table 3.

From the second semester onwards the total performance within a semester and continuous performance starting from the first semester are indicated respectively by **Grade Point Average (GPA)** and **Cumulative Grade Point Average (CGPA)**. These two are calculated by the following formulae :

$$\text{GPA} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where ‘ C_i ’ is the Credit earned for the Course i in any semester ; ‘ G_i ’ is the Grade Point obtained by the student for the Course i and ‘ n ’ is the number of Courses **passed** in that semester.

CGPA = GPA of all the Courses starting from the first semester to the current semester.

Note : The GPA and CGPA shall be calculated separately for the following three parts :

Part I : LCs; Part II : ELCs and Part III CCs, ACs, ECs and GIC.

17. Classification of Final Results (Table - 4)

- (i) For each of the three parts, there shall be separate classification on the basis of CGPA as indicated in Table - 4.
- (ii) For purposes of declaring a candidate to have qualified for the Degree of Bachelor of Arts/Science/Commerce/Management/Literature in the First class/Second class/Third class or First class with Distinction / Exemplary, the marks and the corresponding CGPA earned by the candidate in Part III alone will be the criterion, provided he / she has secured the prescribed passing minimum in LCs and ELCs.
- (iii) Grade in Part IV Extension shall be shown separately and it shall not be taken into account for classification.
- (iv) The marks for the course on “Environmental Studies” will be given in a separate certificate.

18. Conferment of the Bachelor’s Degree

A candidate shall be eligible for the conferment of the Degree of Bachelor of Arts / Science / Commerce / Management / Literature only if he / she has earned the minimum required credits for the programme prescribed therefor (i.e. 120 credits).

19. Ranking : University Rank Examination

1. The University Rank Examination shall be conducted for the toppers (first toppers) of all the colleges (having passed their examinations in the first appearance within the prescribed duration of the programme. Absence from an examination shall not be taken as an attempt) including autonomous / non-autonomous ones and they are required to take two examinations.
2. The questions papers of the examinations comprise of objective type questions covering the core courses in each of the Programmes generally followed by both autonomous / non-autonomous streams.
3. The top scorers in this University Rank Examination would be declared as University Rank Holders, irrespective of their grades secured in their semester examinations.
4. Three Ranks shall be given for each of the Programmes if the student strength is below 20; upto 5 Ranks if the student strength is above 20 but below 50; upto 10 Ranks where the student strength exceeds 50 but less than 100; and upto 20 Ranks if the student strength is 100 and above.

20. Self-Financing Stream

The above Regulations shall be applicable also for the candidates undergoing the programmes in Self-Financing Stream.

21. Grievance Redressal Committee

The College shall form a Grievance Redressal Committee for each course in each department with the Course Teacher and the HOD as the members. This Committee shall solve all grievances relating to the Internal Assessment marks of the students.

22. Transfer of Credits

Students are permitted to transfer their course credits from Centre for Distance Education (CDE) of Bharathidasan University to Regular Stream and vice-versa.

23. Revision of Regulations and Curriculum

The University may from time to time revise, amend and change the Regulations and the Curriculum, if found necessary.

Table -1**Details on the number of courses and credits per course in different UG Programmes**

Sl. No.	Study Components	B.A./ B.Com. / B.Sc.			
		Number of Courses	Credits per Course	Total Credits	Total Weekly hours / 180 weekly hours
1.	Language Course (LC)	4	4	16	24
2.	English Language Course (ELC)	4	4	16	24
3.	Core Course (CC)	14	4	56	84
4.	Allied Course (AC)	6	3	18	30
5.	Elective Courses (EC) (open to all)	4	3	12	16
6.	General Interest Course (GIC) (either Computer Application or History of Science)	1	2	2	2
		33		120	180

Table – 2**UG Programmes – Course Structure under CBCS**

Semester	Course	Instru. Hours / Week	Credit	Exam Hours	Marks		Total
					Int.	Extn.	
I	Language Course – I (LC)	6	4	3	25	75	100
	English Language Course - I (ELC)	6	4	3	25	75	100
	Core Course – I (CC)	6	4	3	25	75	100
	Core Course – II (CC)	3	-	*	-	-	-
	First Allied Course –I (AC)	5	3	3	25	75	100
	First Allied Course –II (AC)	2	-	*	-	-	-
	General Interest Course (GIC)	2	2	3	25	75	100
II	Language Course – II (LC)	6	4	3	25	75	100
	English Language Course – II (ELC)	6	4	3	25	75	100
	Core Course – II (CC)	3	4	3	25	75	100
	Core Course – III (CC)	6	4	3	25	75	100
	First Allied Course – II (AC)	3	3	3	25	75	100
	First Allied Course – III (AC)	5	3	3	25	75	100
III	Language Course – III (LC)	6	4	3	25	75	100
	English Language Course - III (ELC)	6	4	3	25	75	100
	Core Course – IV (CC)	6	4	3	25	75	100
	Core Course – V (CC)	4	-	*	-	-	-
	Second Allied Course – I (AC)	5	3	3	25	75	100
	Second Allied Course – II (AC)	3	-	*	-	-	-
IV	Language Course –IV (LC)	6	4	3	25	75	100
	English Language Course – IV (ELC)	6	4	3	25	75	100
	Core Course – V (CC)	2	4	3	25	75	100
	Core Course - VI (CC)	6	4	3	25	75	100
	Core Course – VII (CC)	3	-	**	-	-	-
	Second Allied Course – II (AC)	2	3	3	25	75	100
	Second Allied Course - III (AC)	5	3	3	25	75	100
V	Core Course – VII (CC)	3	4	3	25	75	100
	Core Course – VIII (CC)	6	4	3	25	75	100
	Core Course – IX (CC)	6	4	3	25	75	100
	Core Course – X (CC)	3	-	*	-	-	-
	Elective Course – I (EC)	4	3	3	25	75	100
	Elective Course – II (EC)	4	3	3	25	75	100
	Elective Course – III (EC)	4	3	3	25	75	100
VI	Core Course – X (CC)	3	4	3	25	75	100
	Core Course – XI (CC)	6	4	3	25	75	100
	Core Course – XII (CC)	6	4	3	25	75	100
	Core Course – XIII (CC)	6	4	3	25	75	100
	Core Course – XIV (CC)	6	4	3	25	75	100
	Elective Course – IV (EC)	4	3	3	25	75	100

* Examination at the end of even semester

** Examination at the end of fifth semester

Table 3**Grading of the Courses**

Marks	Grade Point	Letter Grade
96 and above	10	S ⁺
91-95	9.5	S
86-90	9.0	D ⁺⁺
81-85	8.5	D ⁺
76-80	8.0	D
71-75	7.5	A ⁺⁺
66-70	7.0	A ⁺
61-65	6.5	A
56-60	6.0	B ⁺
51-55	5.5	B
46-50	5.0	C ⁺
40-45	4.5	C
Below 40	0	F

Table 4**Final Result**

CGPA	Letter Grade	Classification of Final Result
9.51 and above	S ⁺	First Class – Exemplary
9.01 - 9.50	S	
8.51 – 9.00	D ⁺⁺	First Class – Distinction
8.01 – 8.50	D ⁺	
7.51 – 8.00	D	
7.01 – 7.50	A ⁺⁺	First Class
6.51 – 7.00	A ⁺	
6.01 – 6.50	A	
5.51 – 6.00	B ⁺	Second Class
5.01 – 5.50	B	
4.51 - 5.00	C ⁺	Third Class
4.00 - 4.50	C	
Below 4.00	F	Fail

Credit based weighted Mark System is adopted for individual semesters and cumulative semesters in the column ‘Marks Secured’ (for 100).

UG PROGRAMMES - ELECTIVE COURSES (E.Cs.) OPEN TO ALL

Each student has to select Elective Courses from the following during the
V & VI semesters

Arts		
Department offering the Elective Courses	Semester	Title of the Course
Tamil	V	1. நாட்டுப்புறவியல் 2. கவின் கலைகள் 3. மனித உரிமைகள்
	VI	4. சிந்தனையியல்
Applied Tamil	V	1. தமிழ் தட்டெழுத்து செய்முறைப்பயிற்சி 2. தலித் இலக்கியம் 3. பெண்ணியம்
	VI	4. கணிப்பொறி – அலுவலகக் குறிப்புகள் செயல்முறைப்பயிற்சி
B.Litt	V	1. சுற்றுலாவியல் 2. பயன்முறைத் தமிழ் 3. இதழியல்
	VI	4. கல்வெட்டியல்
Sanskrit	V	1. Alamkara / Fundamentals of Indian Astrology 2. History of Scientific Literature 3. Introduction to Ayurveda
	VI	4. Introduction to Early Sanskrit Literature
Co-operation	V	1. Development of Business Communication 2. Consumer Protection 3. Management of SHG
	VI	4. Banking Theory and Practice
Economics	V	1. Advertisement Management 2. Tourism Economics 3. Energy Economics
	VI	4. Agricultural Economics
Social Work	V	1. Soft skills in English/Skills in English competence 2. MS Office 3. Disaster Management
	VI	4. Human Rights
History	V	1. Panchayat Raj with special reference to Tamil Nadu 2. Journalism 3. History of Freedom Movement in India from 1885 - 1947 A.D.
	VI	4. Human Rights
English	V	1. Journalism 2. Tourism 3. English Language Teaching
	VI	4. Translation Theory and Practice
Philosophy	V	1. Professional Ethics 2. Tamil Culture 3. Gandian Thought (Truth and Nonviolence)
	VI	4. Philosophy of Yoga
Oriental Culture	V	1. General Psychology 2. Tourism 3. Political Philosophy
	VI	4. Archeology

Commerce		
B.Com.	III*	International Trade / Co-operation Theory
	IV*	Labour Law / Management of Small Business
	V**	Advertising Management / Accounting Practice
	VI**	Import and Export Procedure / Marketing Practice
B.Com. (Applied)	III*	Institution Training
	IV*	Field Visit and Report
	V**	Stock Exchange Practices
	VI**	Management of Small Business
B.Com. (Bank Management)	III*	Principles of Co-operation
	IV*	Cost Accounting
	V**	Import Export Procedure
	VI**	Database Management Systems

* For the students of Commerce Programmes ** For the students of other Programmes

Science		
Mathematics	V	1. Operations Research 2. Programming in C for Numerical Methods 3. Astronomy
	VI	4. Mathematical Modeling
Physics	V	1. Energy Physics 2. Molecular Bio Physics 3. Spectroscopy & Laser Physics
	VI	Integrated Electronics
Applied Physics (Instrumentation)	V	1. Communication Electronics 2. Biomedical Instrumentation 3. Electrical Machines
	VI	4. Material Technology
Chemistry	V	1. Analytical Chemistry 2. Agricultural Chemistry 3. Polymer Chemistry
	VI	4. Industrial Chemistry
Botany	V	1. Biotechnology 2. Bio Statistics & Computer Application in Botany 3. Medicinal Botany
	VI	4. Biofertilizer & Biocides
Zoology	V & VI	Elective I (Any one) 1. Aqua Culture 2. Ornamental fish Culture 3. Vermiculture – Vermi Biocomposting 4. Sericulture
		Elective II (Any one) 1. Apiculture 2. Poultry Science 3. Fish Processing Technology 4. Economic Entomology
		Elective III (Any one) 1. Public Health Hygiene 2. Human Nutrition 3. Communicable Diseases and management 4. Wild Life Biology
Geology	V	1. Hydrogeology and Engineering Geology 2. Environmental Geology and Marine Geology 3. Geoexploration
	VI	4. Remote Sensing GIS and Mining

Geography	V	1. Biogeography 2. Remote Sensing and GIS 3. Physical Geography for Competitive Examination 4. Social Geography for Competitive Examination
	VI	
Statistics	V	1. Biostatistics 2. Elementary Descriptive Statistics 3. Statistical Methods
	VI	4. Operational Research Methods
Home Science	V	1. Food Preservation* 2. Human Relationships* 3. Bakery **
	VI	4. Nutrition for the Family and Community **
Nutrition and Dietetics	V	1. Extension Education 2. Social Problems in India 3. Nutrition for the family
	VI	4. Diet in Diseases
Bio Chemistry	V	1. Pharmaceutical Bio Chemistry 2. Agricultural Bio Chemistry 3. Endocrinology
	VI	4. Food Nutrition
Computer Science	V	1. Programming Laboratory (Cobol Programming Lab.) 2. Fundamentals of Information Technology 3. Programming Laboratory (C++)
	VI	4. Basics of Computer Programming
Electronics	V	1. Electronics in Communication 2. Computer Hardware 3. Biomedical Instrumentation
	VI	4. Radio & Television
Industrial Electronics	V	1. Electronics in Communication 2. Computer Hardware 3. Biomedical Instrumentation
	VI	4. Radio & Television

* For the students of Home Science programme ** For the students of other programmes

Information Technology	V	1. Application Packages for Office Automation 2. Principles of Information Technology 3. Visual Programming 4. E-Commerce
	VI	
Hotel Management and Catering Science	V	1. Tourism Management 2. Food Preservation 3. Interior Decoration 4. Basic Catering Service
	VI	
Microbiology	V	1. Bioethics 2. Bioinoculants 3. Mushroom Technology 4. Microbial Diseases
	VI	
Visual Communication	V	1. Computer Graphics (Practical) 2. Printing Process 3. Practical Photography (Practical) 4. Publication Design
	VI	
Apparel and Fashion Technology	V	1. Fabric Science and Care 2. Interior Decoration and Furnishing 3. Cosmetology 4. Textile Arts and Crafts
	VI	
Fashion Technology and Costume Designing	V	1. Fashion Business and Communication 2. Export Documentation & Global Marketing 3. Apparel Merchandising 4. Sales Promotion and Portfolio Presentation
	VI	
