

THIRUVALLUVAR UNIVERSITY

CHOICE BASED CREDIT SYSTEM (CBCS)

M.Sc. DEGREE COURSES

(Effective from the Academic year 2008-2009)

REGULATIONS

CBCS

Choice-Based Credit System is a flexible system of learning. 'Credit' defines the quantum of contents / syllabi prescribed for a course and determine the number of hours of instruction required. The distinguishing features of CBCS are the following:

It permits the students to:

- ❖ learn at their own pace
- ❖ Choose electives from a wide range of elective courses offered by the departments of the affiliated colleges
- ❖ undergo additional courses and acquire more than the required number of credits
- ❖ adopt an inter - disciplinary approach in learning
- ❖ make best use of the expertise of available faculty

1. Conditions for Admission:

No student shall be eligible for admission to a Master's degree programme in any of the faculties unless he/she has successfully completed a three year undergraduate degree or earned prescribed number of credits for an undergraduate degree through the examinations conducted by a University / autonomous institution or possesses such qualifications recognized by the Thiruvalluvar University as equivalent to an undergraduate degree.

In case of integrated Master's degree programme of five years, no student shall be eligible for admission unless he/she has successfully passed the examination conducted by a Board / University at the plus two level of schooling (either through formal schooling for 12 years or through open school system) recognized by the Central / State Government for this purpose or its equivalent.

Provided that candidates for admission into the specific main subject of study shall also possess such other qualifying conditions as may be prescribed by the University in the Regulations governing respective courses of study. **[Annexure - VI]**

2. Eligibility for the Award of Degree:

A Candidate shall be eligible for the award of the Degree only if he/she has undergone the prescribed course of study in a College affiliated to the University for a period of not less than two academic years and passed the examinations of all the Four Semesters prescribed earning 90 credits and fulfilled such conditions as have been prescribed therefor.

3. Duration of the Course:

The duration of the course shall consist of 4 Semesters in two academic years.

4. Examination:

There shall be four semester examinations: first semester examination at the middle of the first academic year and the second semester examination at the end of the first academic year. Similarly, the third and fourth semester examinations shall be held at the middle and the end of the second academic year, respectively. A candidate who does not pass the examination in any subject or subjects in one semester will be permitted to appear in such failed subject or subjects along with the papers of following semesters.

The following assessment procedure will be followed for Internal Marks:

Continuous Internal Assessment (CIA) Test

S. No	Reg No	Name	<u>Test I</u> Marks for 50	<u>Test II</u> Marks for 75	<u>Test III</u> Marks for 75	Marks for 200	Marks converted to 20/30	<u>Assignments / Seminars (5)</u> <u>Records (10)</u>	Marks for 25/40	Total Rounded to Marks for 25/40

Test I : One hour duration for 50 marks (Two Units of the Syllabus)

Test II : Two hours duration for 75 marks (Four Units of the Syllabus)

Test III : Three hours model test for 75 marks (Total Syllabus)

Total marks 200	Theory	Practical
Test marks to be converted to	: 20 marks /	30 marks
Assignments / Seminars	: 5 marks /	-
Records	: - /	10 marks
Total	: 25 marks /	40 marks

In the Column Rounded to 25/40, any fraction may be rounded to the next number.

5. Requirements for Proceeding to Subsequent Semesters:

(i). Candidates shall register their name for the First Semester Examination after the admission in the P.G. Courses.

(ii). Candidates shall be permitted to proceed from the First Semester up to the Final Semester irrespective of their failure in any of the Semester examinations subject to the condition that the candidates should register for all the arrear subjects of earlier semesters along with current (subject) semester subjects.

(iii). Candidates shall be eligible to go to subsequent semester, only if they earn, sufficient attendance as prescribed therefor by the Syndicate from time to time. Provided in case of a candidate earning less than 65% of attendance in any one of the Semesters due to any extraordinary circumstances such as medical grounds, such candidates who shall produce Medical Certificate issued by the Authorised Medical Attendant (AMA), duly certified by the Principal of the College, shall be permitted to proceed to the next semesters and to complete the Course of study. Such Candidates shall have to repeat the missed Semester by rejoining after completion of Final Semester of the course, after paying the fee for the break of study as prescribed by the University from time to time.

6. Requirement to take the Examinations

a) A candidate will be permitted to take the University Examination for any Semester, if

i) he / she secures not less than 75% of attendance out of the 90 instructional days during the Semester.

(In the case of married women students the minimum attendance requirement shall be 55% of the total instructional days).

ii) he / she earns a progress Certificate from the Head of the Institution of having satisfactorily completed the Course of Study prescribed in the subjects as required by the Regulations, and

iii) his / her conduct has been satisfactory.

Provided that it shall be open to the Syndicate, or any authority delegated with such powers by the Syndicate to grant exemption to a candidate who has failed to earn 75% of the attendance prescribed for any valid reason(s) subject to the usual conditions.

b) A candidate who has secured attendance less than 75% but 65% and above shall be permitted to take the Examination on the recommendation of the Head of the Institution to condone the lack of attendance as well as on the payment of the prescribed fees to the University.

7. Passing Minimum:

- a. There shall be no Passing Minimum for Internal.
- b. For External Examination, Passing Minimum shall be of 50% (Fifty Percentage) of the maximum marks prescribed for the paper.
- c. In the aggregate (External + Internal) the passing minimum shall be of 50% for each Paper/Practical/Project and Viva-voce.
- d. Grading shall be based on overall marks obtained (internal + external).

8. Classification of Successful Candidates:

Candidates who secured not less than 60% of aggregate marks (Internal + External) in the whole examination shall be declared to have passed the examination in the First Class.

All other successful candidates shall be declared to have passed in Second Class. Candidates who obtain 75% of the marks in the aggregate (Internal + External) shall be deemed to have passed the examination in First Class with Distinction, provided they pass all the examinations (theory papers, practicals, project and Viva-voce) prescribed for the course in the First appearance.

9. Grading System:

The term Grading system indicates a Seven (7) point scale of evaluation of the performances of students in terms of marks obtained in the Internal and External Examination, grade points and letter grade.

SEVEN POINT SCALE (As per UGC notification 1998)

Marks	Grade Point	Letter Grade	Class
100	7.0	H	First Class with Distinction
90-99	6.00	O	First Class with Distinction
75-89	5.50	D	First Class with Distinction
60-74	4.75	A	First Class
50-59	4.00	B	Second Class
Below 50	3.50	F	Fail

10. Ranking:

Candidates who pass all the examinations prescribed for the course in the first appearance itself alone are eligible for Ranking.

Provided in the case of Candidates who pass all the examinations prescribed for the course with a break in the First Appearance due to the reasons as furnished in the Regulations 7. (iii) supra are only eligible for Classification / Distinction.

11. The Medium of Instruction and Examinations

The medium of instruction and Examinations shall be in English/ Tamil /appropriate languages for literatures as the case may be.

12. Improvement of Marks in the subjects already passed

Candidates desirous of improving the marks secured in their first attempt shall reappear once within the subsequent Semester. The improved marks shall be considered for classification / distinction but not for ranking. If there is no improvement there shall not be any change in the original marks already awarded.

13. Evening College

The above Regulations shall be applicable for candidates undergoing the respective Courses in the Evening Colleges also.

14. Checklist for Inspection

a. Qualification for

- i. Teaching Faculty: as prescribed by the UGC and the University
- ii. Technical Faculty, if any: as prescribed by the UGC and the University
- iii. Laboratory Staff, if any: as prescribed by the UGC and the University

b. Infrastructure Facilities

- i. Building: Number of Classrooms with specifications: 2 rooms measuring 20'x25'.
- ii. Number of Staff rooms: One measuring 20'x20'
- iii. Furniture : One pair of table / chair per student.

15. Appearance For Improvement:

Candidates who have passed in theory paper / papers are allowed to appear again for theory paper / papers only once in order to improve his/her marks, by paying the fee prescribed from time to time. Such Candidates are allowed to improve within a maximum period of 10 Semesters counting from his/her first semester of his/her admission. If candidate improves his marks, then his improved marks will be taken into consideration for the award of Classification only. Such improved marks will not be counted for the award of Prizes / Medals, Rank and Distinction. If the Candidate does not show improvement in the marks, his previous marks will be taken into consideration.

No candidate will be allowed to improve marks in the Practicals, Mini Project, Viva-voce, Field work.

16. Transitory Provision:

Candidates who have undergone the course of study prior to the academic year 2008-2009 will be permitted to appear for the examinations under those Regulations for a period of three years i.e., upto and inclusive of April/May 2012 Examinations. Thereafter , they will be permitted to appear for the examination only under the Regulations then in force.

Question Paper Pattern

Section A	5 X 6 (either or pattern)	30 Marks
Section B	3 X 15 (out of 5 Question)	45 Marks
	Total	75 Marks

ANNEXURE - VI

ELIGIBILITY FOR ADMISSION TO THE FOLLOWING COURSES

1. *M.Sc. MATHEMATICS*

A candidate who has passed the B.Sc. Degree Examination in Mathematics of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) Degree Examination of this University after a Course of two academic years in the University Department / Colleges affiliated to this University.

2. *M.Sc. PHYSICS*

A candidate who has passed the B.Sc. Degree Examination in Physics with Mathematics as one of the Allied Subjects or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to M.Sc. Degree Course in Physics.

3. *M.Sc. CHEMISTRY*

A candidate who has passed the B.Sc. Degree Examination with Chemistry and Industrial Chemistry as the main subject of study of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to the M.Sc. Degree in Chemistry in the affiliated Colleges / Department of this University.

4. *M.Sc. BIOCHEMISTRY*

Admission to the M.Sc. Biochemistry Degree Course shall be made as follows :

I Preference

A student who has passed B.Sc Degree with 55% either with Biochemistry or Chemistry as Major Subjects. 5% relaxation shall be given to SC / ST applicants.

II Preference

A student who has passed B.Sc. Degree with 55% and having Chemistry at the ancillary level and any of the Main Subjects as mentioned below:

1. Biology
2. Zoology
3. Botany
4. Biotechnology
5. Nutrition and Dietetics
6. Any Biology related Subjects

5. *M.Sc. ZOOLOGY*

A candidate who has passed the B.Sc. Degree Examination in Zoology or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to M.Sc. Degree Course in Zoology.

6. *M.Sc. APPLIED MICROBIOLOGY*

A candidate who has passed the B.Sc. Degree Examination in Microbiology / Applied Microbiology / Industrial Microbiology / Botany / Plant Science / Plant Biology and Plant Biotechnology / Zoology / Animal Science / Applied Animal Science and Animal Biotechnology / Biochemistry / Biotechnology / Bioinformatics / Biology / Life Sciences / Home Science / Nutrition and Dietetics / BSMS / BAMS / BUMS / Chemistry with Botany / Zoology as Allied Subjects of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to M.Sc. Degree Course in Applied Microbiology.

7. *M.Sc. PLANT BIOLOGY AND PLANT BIOTECHNOLOGY*

A candidate who has passed the B.Sc. Degree Examination in Plant Biology and Plant Biotechnology / Biology / Botany of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) Degree Examination of this University after a Course of two academic years in the University Department / Colleges affiliated to this University.

8. M.Sc. BIOTECHNOLOGY

A candidate who has passed the B.Sc. Degree Examination in any Life Science Subject with 55% Marks of a recognized Indian University or any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to M.Sc. Degree Course in Biotechnology.

9. M.Sc. FOODS AND NUTRITION

A candidate who has passed the B.Sc. Degree Examination in Nutrition, Food Service Management and Dietetics of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) Degree Examination of this University after a Course of two academic years in the University Department / Colleges affiliated to this University.

10. M.Sc. COMPUTER SCIENCE

A candidate who has passed the B.Sc. Degree Examination in Computer Science or Computer Science and Technology or B.C.A. of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) in Computer Science Degree Examination of this University after a Course of two academic years in an affiliated Colleges / Department of this University.

11. M.Sc. INFORMATION TECHNOLOGY

A candidate who has passed the B.Sc. Degree Examination with Mathematics / Statistics of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) in Information Technology Degree Examination of this University after a Course of two academic years in an affiliated College / Department of this University.

12. M.Sc. BIO INFORMATICS

A candidate who has passed the B.Sc., Degree Examination of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be permitted to appear and qualify for the Master of Science (M.Sc.) in Bioinformatics Degree Examination of this University after a Course of two academic years in an affiliated College / Department of this University.

13. M.Sc. ELECTRONIC MEDIA

A candidate who has passed the UG Degree Examination of this University or an Examination of any other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to the M.Sc. Degree in Electronic Media in the Department of this University / affiliated Colleges of this University.
