

SCHOOL OF SCIENCES

(M.Sc.)

Part - B

R.B.1. Minimum Eligibility for Admission

A candidate seeking admission to M.Sc. should be a Science Graduate with relevant subjects having obtained at least 50% marks in aggregate from any UGC/ AICTE approved Indian University or from a foreign University recognized by UGC or institute recognized by the ITM University as equivalent thereto.

The Bachelor's degree must be of minimum three years duration after passing Higher Secondary (10+2) examination or equivalent.

R.B.2. Structure of the M.Sc. Programme.

R.B.2.1 The academic process of the M.Sc. programme shall comprise,

- a) Compulsory core courses
- b) Elective Courses (specialization) selected by students
- c) Practicals/ lab work
- d) Project work / dissertation/ Seminar Presentation.
- e) Any other stipulations by the Academic Council.

R.B.2.2 The programme will be of two year duration, distributed over four semesters with two semesters per year.

R.B.2.3 The minimum number of credits to be earned for the award of the M.Sc. Degree is 100 out of which 2-4 credits of course work done under pass/fail option and are not counted toward CGPA. Such credits may be assigned for attending seminars/ symposium/ workshop etc as decided by respective Dean from time-to-time .


R.B.2.4 No semester normally shall have more than six lecture based courses and four laboratory courses as prescribed in the curriculum.

R.B.2.5 The curriculum for any semester, except for the final semester will normally carry credits between 21 and 29

R.B.2.6 Every course of the M.Sc. programme will be placed in one of the categories listed in table-1

Table 1

S.No.	Category	Code	CGPA Credit	Non CGPA Credits
1.	Basic Science Theory	BST	20	
2.	Basic Science Lab	BSL	06	
3.	Professional Major	PMT	44	
4.	Professional Major Labs	PML	14	


Dr. Omveer Singh
 REGISTRAR
 ITM University
 Gwalior (M.P.)

5.	Electives	PEL	04	
6.	Professional Major Projects	PMP	10	
7.	Educational Industrial Visits / Course	PIV	-	02-04
8.	Seminar	SP	02	
	Total		100	

A student must normally earn a minimum number of credits under each category as shown in Table -f.

R.B.3 Change of programme / stream

No student shall be allowed to change his /her branch at any stage after his/her admission to the first semester of M.Sc. Programme.

R.B.4 Project Evaluation

On the completion of a project, the student will submit a project report which will be evaluated by duly appointed examiner(s). The evaluation will be based on the report and a viva-voce examination on the project.

B.Sc. / B.Sc. (Honors)

Part - B

R.B.1 Minimum Eligibility for Admission

- Candidates who have passed Final examination of the 10+2 system, conducted by any recognized Central/ State Board, such as Central Board of Secondary Education, New Delhi; Council for Indian School Certificate Examination, New Delhi, etc.

OR

- Final Examination of the two-year course of the Joint Services Wing of the National Defence Academy

OR

- General Certificate Education (GCE) Examination (London/Cambridge/Sri Lanka) at the Advanced (A) Level

OR

- Any Public School /Board/University examination in India or in any foreign country recognized as equivalent to 10+2.

OR

- H.S.C. Vocational Examination


Dr. Omveer Singh
 REGISTRAR
 ITM University
 Gwalior (M.P.)

OR

- Senior Secondary School Examination conducted by the National Open schooling with a minimum of five subjects

OR

- 3 or 4 year Diploma recognized by AICTE or a State Board of Technical Education.

and

Candidates should have secured at least 50% marks in aggregate in the qualifying examination (10+2).

R.B.2 Structure of the B.Sc. /B.Sc. (Honours) Programme.

R.B.2.1 The programme will consist of:

- (I) A general core programme comprising Basic sciences, Theory, professional major Theory, professional major labs, basic science labs, professional major projects, humanities, educational tour / industrial visits, and seminar / project.
- (II) Project approved by the Department.
- (III) Elective programs.
- (IV) Knowledge presentation in the form of seminar and group discussion

R.B.2.2 The programme will be of three year duration, distributed over six semesters with two semesters per year. The Programme will include.
Minor Project- V Semester
Major Project -VI Semester

R.B.2.3 The minimum number of credits to be earned for the award of the B.Sc. Degree is 168 out of which 04-06 credits may be offered for course work done under non CGPA subjects. The non CGPA credits shall however not be counted towards CGPA calculation.

R.B.2.4 No semester normally shall have more than six lecture based courses and four laboratory courses as prescribed in the curriculum carrying a maximum of 28 credits.

R.B.2.5 Every course of the B.Sc. /B.Sc. Honours programme will be placed in one of the categories listed in table-1


Dr. Omveer Singh
REGISTRAR
ITM University
Gwalior (M.P.)

Table -1

S.No.	Category	Code	CGPA Credit	Non CGPA Credits
1.	Basic Science Theory	BST	54	
2.	Basic Science Lab	BSL	18	
3.	Professional Major Theory	PMT	68	
4.	Professional Major Labs	PML	12	
5.	Major / Minor Projects	MP	05	
6.	Humanities / Foundation	HF	10	
7.	Seminar/Project	SP	01	
8.	Educational Industrial visits/course	SP		04-06
	Total		168	

A student must normally earn a minimum number of credits under each category as shown in Table 1.

R.B.3 Change of programme / Stream

No student shall be allowed to change his /her branch/stream at any stage after his/her admission to the first semester of B.Sc./B.Sc. (Hons).

R.B.4 Project Evaluation

On the completion of a project, the student will submit a project report which will be evaluated by duly appointed examiner(s). The evaluation will be based on the report and a viva-voce examination on the project.


Dr. Omveer Singh
 REGISTRAR
 ITM University
 Gwalior (M.P.)