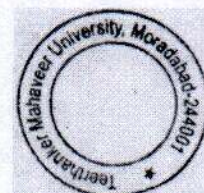


Study & Evaluation Scheme Of

Bachelor of Optometry

[Applicable w.e.f. Academic Session - 2019-20 till revised]

[As per CBCS guidelines given by UGC]



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Bachelor of Optometry - Syllabus as per CBCS (2019-20)



Bachelor of Optometry: Four Years (8 -Semester) CBCS Programme			
Basic Structure: Distribution of Courses			
S.No.	Type of Course	Credit Hours	Total Credits
1	Discipline Specific Course (DSC)	6 Courses of 2 Credit (Total Credit Hrs. 6x2) = 12	73
		15 Courses of 3 Credit (Total Credit Hrs. 15x3) = 45	
		4 Courses of 4 Credit (Total Credit Hrs. 4x4) = 16	
2	Skill-Enhancement Course (SEC)	19 Courses of 1 Credit (Total Credit Hrs. 19x1) = 19	78
		2 Courses of 2 Credit (Total Credit Hrs. 2x2) = 4	
		5 Courses of 3 Credit (Total Credit Hrs. 5x3) = 15	
		2 Courses of 10 Credit (Total Credit Hrs. 2x10) = 20	
		1 Courses of 20 Credit (Total Credit Hrs. 1x20) = 20	
3	Core Course (CC)	5 Courses of 2 Credit (Total Credit Hrs. 5x2) = 10	24
		2 Courses of 3 Credit (Total Credit Hrs. 2x3) = 6	
		2 Courses of 4 Credit (Total Credit Hrs. 2x4) = 8	
4	Ability-Enhancement Course (AEC)	1 Course of 2 Credit (Total Credit Hrs. 1x2) = 2	18
		4 Courses of 3 Credit (Total Credit Hrs. 4x3) = 12	
		1 Courses of 4 Credit (Total Credit Hrs. 1x4) = 4	
5	Discipline Specific Elective course (DSEC)	1 course of 3 Credit (Total Credit Hrs 1x3) = 3	3
6	Open Elective Course (OEC)	1 Courses of 3 Credit each (Total Credit Hrs. 1X3) = 3	3
7	Compulsory Specified Course (CSC)	1 Course of 4 Credit (Total Credit Hrs. 1X4) = 4	4
8	MOOC	1 course of 2 credit each (Total Credit Hrs. 1X2) = 2	2
9	Value Added Course (VAC)	2 Courses of 0 Credit each (Total Credit Hrs. 2X0) = 0	0
TOTAL CREDITS			205

Contact hours include work related to Lecture, Tutorial and Practical (LTP), where our institution will have flexibility to decide course wise requirements.

Bachelor of Optometry - Syllabus as per CBCS (2019-20)



B. Choice Based Credit System(CBCS)

❖ CHOICE BASED CREDIT SYSTEM(CBCS)

Choice Based Credit System (CBCS) is a versatile and flexible option for each student to achieve his target number of credits as specified by the UGC and adopted by our University.

The following is the course module designed for the Bachelor of Optometry programme:

- ✓ **Discipline Specific Course (DSC):** Discipline Specific courses of Bachelor of Optometry programme will provide a holistic approach to clinical or practical education, giving students an overview of the field, a basis to build and specialize upon. These courses are the strong foundation to establish Optometry knowledge and provide broad multi-disciplined knowledge can be studied further in depth during the elective phase.
The Discipline Specific courses will provide more practical-based knowledge, case-based lessons and collaborative learning models. It will train the students to analyze, decide, and lead-rather than merely know-while creating a common student experience that can foster deep understanding, develop decision-making ability and contribute to the hospital and community at large.
A wide range of Discipline Specific courses provides groundwork in the Ocular Anatomy & Physiology, Spectacle lenses dispensing, Ocular Diseases, Contact lenses, Binocular Vision, etc.
The integrated foundation is important for students because it will not only allow them to build upon existing skills, but to explore other options like efficiently running an eye clinic, an optical outlet, can work as a specialist lens trainer, or get into manufacturing of various ophthalmic products like Ophthalmic drugs, ophthalmic lenses, spectacle frames, Contact Lenses, etc.
Department offers Discipline Specific courses from semester-I to Semester VI with varying credits depending upon the importance of the course in the field of Optometry as already described in above table.
- ✓ **Core Course (CC):** Core courses of Bachelor of Optometry programme are compulsory courses that are required to be studied by the students as a core requirement which acts as supporting course for better understanding of the Discipline Specific Course. Department have Core Courses spread from I semester to VI Semester like General Anatomy & Physiology, Medical Psychology, Ethics, etc.
- ✓ **Ability Enhancement Course (AEC):** As per the guidelines of Choice Based Credit System (CBCS) for all Universities, including the private Universities, the Ability Enhancement Course (AEC) is a course designed to develop the ability of students in communication (especially English) and other related courses where they might find it difficult to communicate at a higher level in their prospective job at a later stage due to lack of practice and exposure. Students are motivated to learn the theories, fundamentals and tools of communication which can help them develop and sustain in the corporate environment and culture. Department offers AECs from I semester to IV Semester. Each AEC will be of different credits.
- ✓ **Skill Enhancement Course (SEC):** This course is designed to provide value-based and/or skill-based knowledge. Department offers SECs from I Semester to VIII Semester. Each SEC will carry different credits.
- ✓ **Open Elective Course (OEC):** Open Elective is an interdisciplinary additional subject that is compulsory in the fifth semester of a programme. It carries total of 2 credits

Bachelor of Optometry - Syllabus as per CBCS (2019-20)



Study & Evaluation Scheme
Bachelor of Optometry - V Semester

S.NO.	CATEGORY	COURSE CODE	COURSE NAME	PERIODS			CREDITS	EVALUATION SCHEME		
				L	T	P		INTERNAL	EXTERNAL	TOTAL
1	DSC-17	BCO-S-501	Contact Lens – I	4	-	-	4	40	60	100
2	DSC-18	BCO-S-502	Low Vision Care	3	-	-	3	40	60	100
3	DSC-19	BCO-S- 503	Geriatric Optometry & Pediatric Optometry	3	-	-	3	40	60	100
4	DSC -20	BCO-S- 504	Binocular Vision – I	3	-	-	3	40	60	100
5	DSC -21	BCO-S- 505	Systemic Disease & the Eye	3	-	-	3	40	60	100
6	CSC-1	BCO-S-506	Research Methodology & Biostatistics	4	-	-	4	40	60	100
7	SEC-19	BCO-S- 551	Contact Lens – I Practical	-	-	2	1	50	50	100
8	SEC -20	BCO-S- 552	Low Vision Care Practical	-	-	2	1	50	50	100
9	SEC -21	BCO-S-553	Geriatric Optometry & Pediatric Optometry Practical	-	-	2	1	50	50	100
10	SEC-22	BCO-S-554	Hospital Posting	-	-	6	3	50	50	100
11		MOOC		-	-	-	2	-	-	100
12		Open Elective					3	As per University Guide line		
Total				22		12	31	480	620	1200

Bachelor of Optometry - Syllabus as per CBCS (2019-20)

