

# **CBCS Based Study & Evaluation Scheme**

(As per ICAR Fifth Deans' Committee Recommendations)

**of**

## **Bachelor of Science (Hons.) Agriculture**

[Applicable w.e.f. Academic Session 2019-2020 till revised]



**TEERTHANKER MAHAVEER UNIVERSITY**

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B.Sc. (Hons.) Agriculture : Four-Year (8-Semester) CBCS Programme			
Basic Structure: Distribution of Courses			
S.No.	Type of Course	No. of Courses	Credits
1	Core Course (CC)	91	115
2	Remedial Courses (RC)	01	02
3	Value Added Course (VAC)	03	02
4	Ability Enhancement Course (AEC)	10	20
5	Discipline Specific Elective Course (DSEC)	06	09
6	Open Electives Course (OEC)	02	-
7	Skill Enhancement Courses (SEC)	02	4
8	Student READY Programme (Rural Agricultural Work Experience (RAWE) and Experience Learning Programme)	03	40
	<b>Total</b>	119	192

### B. Choice Based Credit System (CBCS)

Following is the course module designed for the B.Sc. (Hons.) Agriculture programme:

- 1. Core Course (CC):** A wide range of core courses are provided in the basic agriculture disciplines like agronomy, entomology, horticulture, plant pathology, agriculture economics, statistics etc. Core courses are offered in semester I, II, III, IV, V, and VII during the B.Sc. (Hons.) Agriculture programme.
- 2. Remedial Courses (RC):** These courses are offered in 1<sup>st</sup> semester of programme. Students having Biology in intermediate (10+2) register for Elementary Mathematics (BAG108) whereas the students having Mathematics register for Introductory Biology (BAG107). Other students choose any of the above two courses.
- 3. Value added course (VAC)** Value added courses include *Practical Crop Production*, *Soft Skills*, and *Educational Tour*. These courses are offered in V and VI semesters of degree programme.
- 4. Ability Enhancement Compulsory Course (AEC):** These courses enhance the ability in students in various aspects. These courses are offered in I, II, III, IV and V semester of degree programme.
- 5. Discipline Specific Elective Course (DSEC):** The discipline specific elective course is offered to inculcate specific knowledge of a domain in learners. The specific areas may include agronomy, horticulture, and entomology. It will be covered in IV, V and VI semester of programme.

**B.Sc. (Hons.) Agriculture Syllabus Applicable w.e.f. Academic Year 2019-20**



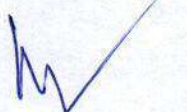
**6. Open Electives Courses (OEC):** Open elective courses are provided to the students in Vth and VIth semester where students can learn various concepts.

**7. Skill Enhancement Courses (SEC):** Here, students are made familiar with the rural agricultural activities. This course is offered in VII semester of degree programme.

**8. Student READY Programme:** The term READY refers to “Rural Entrepreneurship Awareness Development Yojana.” This component envisages reorienting graduates of agriculture and allied subjects for ensuring and assuring employability and developing entrepreneurs for emerging knowledge intensive agriculture. Two types of courses are offered under READY programme Rural Agricultural Work Experience (RAWE) and Experience Learning Programme (ELP)

**Rural Agricultural Work Experience (RAWE):** The Rural Agricultural Work Experience (RAWE) helps the students primarily to understand the rural situations, status of agricultural technologies adopted by the farmers to prioritize the farmers’ problems and to develop skills & attitude of working with farm families for overall development in rural area. It is offered in VII semester.

**Experience Learning Programme (ELP):** In this course, learning and development are achieved through personally determined experience and involvement, rather than on received teaching or training, typically in group, by observation, study of theory or hypothesis and bring in innovation or some other transfer of skills or knowledge. This course may be chosen from a pool of courses designed to provide value/skill based knowledge. In VIII semester, the student can choose two skill enhancement course of his/her choice.



			technology and Precision Farming Practical							
16.	SEC	BAG 562	Practical Crop Production – I ( <i>Kharif</i> crops)	-	-	4	2	100	-	100
17.	VAC	TMUGS 501	Managing Self*	2	1	-	-	50	50	100
18.	DSE C	Select one theory course and its practical from Table 2**		2		2	3	90	110	200
19.	OEC-1	MOOC Course ***		-		-	-	-	-	-
			<b>Total</b>	<b>16</b>	<b>1</b>	<b>20</b>	<b>24</b>	<b>910</b>	<b>990</b>	<b>1900</b>

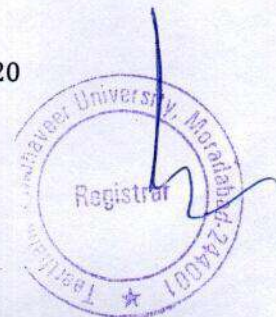
**Table 2: Discipline Specific Elective Courses (DSEC): Select any ONE-**

Sr. No.	Course Type	Course Code	Course Title	Periods			Credit	Evaluation Scheme		
				L	T	P		Internal	External	Total
1	DSEC	BAGE 501	Food Safety and Standards	2	-	-	2	40	60	100
2	DSEC	BAGE 502	Biopesticides and Biofertilizers	2	-	-	2	40	60	100
3	DSEC	BAGE 503	Protected Cultivation	2	-	-	2	40	60	100
4	DSEC	BAGE 504	Micro propagation and Technologies	2	-	-	2	40	60	100
5	DSEC	BAGE 551	Food Safety and Standards Practical	-	-	2	1	50	50	100
6	DSEC	BAGE 552	Biopesticides and Biofertilizers Practical	-	-	2	1	50	50	100
7	DSEC	BAGE 553	Protected Cultivation Practical	-	-	2	1	50	50	100
8	DSEC	BAGE 554	Micro propagation and Technologies Practical	-	-	2	1	50	50	100

\*Non-gradual course: This course is taught by Centre for Teaching Learning and Development (CTLTD) to enhance soft skills in students. In the 50 marks internal 10 marks for attendance+40 marks for continuous evaluation process

\*\*The student has to take the theory and practical of the same course

\*\*\*Open elective course (OEC) is a MOOC course of eight week (minimum). This course is mandatory to qualify for the award of degree. The students have to submit the certificate of the MOOC to the University.



17.	CC	BAG-665	Principles of Organic Farming Practical	-	-	2	1	50	50	100
18.	CC	BAG-666	Management of Beneficial Insects Practical	-	-	2	1	50	50	100
19.	VAC	TMUGS-601	Managing Work and Others*	2	1	-	-	50	50	100
20.	DSEC	Select one theory course and its practical from Table 3**		2		2	3	90	110	200
21.	OEC-2	MOOC Course***		-		-	-	-	-	-
			Total	15	1	22	24	950	1150	2100

**Table 3: Discipline Specific Elective Courses (DSEC): Select any one-**

Sr. No.	Course Type	Course Code	Course Title	Periods			Credit	Evaluation Scheme		
				L	T	P		Internal	External	Total
1	DSEC	BAGE 601	Hi-tech. Horticulture	2	-	-	2	40	60	100
2	DSEC	BAGE 602	Weed Management	2	-	-	2	40	60	100
3	DSEC	BAGE 603	System Simulation and Agro-advisory	2	-	-	2	40	60	100
4	DSEC	BAGE 604	Agricultural Journalism	2	-	-	2	40	60	100
5	DSEC	BAGE 651	Hi-tech. Horticulture Practical	-	-	2	1	50	50	100
6	DSEC	BAGE 652	Weed Management Practical	-	-	2	1	50	50	100
7	DSEC	BAGE 653	System Simulation and Agro-advisory Practical	-	-	2	1	50	50	100
8	DSEC	BAGE 654	Agricultural Journalism Practical	-	-	2	1	50	50	100

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