



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
B.Sc. Biotechnology
SEMESTER - I (2026-29)

SEMESTER - I (2020-21)													
S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME / WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	Major-1	BSBTC101	Introduction to Biomolecules and Metabolism	4	0	0	4	60	20	20	0	0	100
2	Minor-1	BSCHM101	Chemistry of Elements	3	0	0	3	60	20	20	0	0	100
3	Practical (Major-1)	BSBTC101(P)	Introduction to Biomolecules and Metabolism Laboratory	0	0	4	2	0	0	0	30	20	50
4	Practical (Minor-1)	BSCHM101(P)	Chemistry of Elements Laboratory	0	0	2	1	0	0	0	30	20	50
5	AEC-1	ENGAEC101	Strategic Communication Skills	2	0	0	2	60	20	20	0	0	100
6	MD/GEC	MDC-1	Multidisciplinary Course-1	3	0	0	3	Codes and Examination Scheme is available in the Basket of Multidisciplinary Elective course for Odd Semester Approved by the University.					100
7	VOC/SEC-1	SEC-1	Skill Enhancement Course-1	0	0	6	3	Codes and Examination Scheme is available in the Basket of SEC for Odd Semester Approved by the University.					100
8	PW/Ap/CE-1	BSBTCE-101	Community Engagement-1	0	0	4	2	0	0	0	60	40	100
TOTAL				12	0	16	20	180	60	60	120	80	700

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

***Teacher Assessment shall be based the following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.**

Note: Students are required to earn atleast 2 credit in open elective category from MOOCs for the award of the degree


Chairperson
 Board of Studies (Life Science/Biotechnology) Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore


Chairperson
 Faculty of Studies (Science) Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore


Controller of Examinations
 Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore


Registrar
 Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Dean Academic
 Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Vice Chancellor
 Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore



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Shri Vaishnav Institute of Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
B.Sc. Biotechnology
SEMESTER - II (2026-29)

B.Sc. Biotechnology													
SEMESTER - II (2026-29)													
S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME / WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	Major-2	BSBTC202	Basics of Cell Biology and Cell Signalling	4	0	0	4	60	20	20	0	0	100
2	Major-3	BSBTC203	Enzymology and Bioinstrumentation	4	0	0	4	60	20	20	0	0	100
3	Minor-2	BSCHM202	Basics of Physical Chemistry	3	0	0	3	60	20	20	0	0	100
4	Practical (Major-2)	BSBTC202(P)	Basics of Cell Biology and Cell Signalling Laboratory	0	0	4	2	0	0	0	30	20	50
5	Practical (Major-3)	BSBTC203(P)	Enzymology and Bioinstrumentation Laboratory	0	0	4	2	0	0	0	30	20	50
6	Practical (Minor-2)	BSCHM202(P)	Basics of Physical Chemistry Laboratory	0	0	2	1	0	0	0	30	20	50
7	AEC-2	ENGAEC201	Professional Technical Writing	2	0	0	2	60	20	20	0	0	100
8	VAC-1	VAC-1	Value Added Course-1	2	0	0	2	Codes and Examination Scheme is available in the Basket of Value Added Course for Even Semester Approved by the University.					100
TOTAL				15	0	10	20	240	80	80	90	60	650

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

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