



**Integral University, Lucknow**  
**Integral Institute of Agricultural Science and Technology**  
**Evaluation Scheme of Post Graduate Program**  
**w.e.f. 2022-23**

**M. Sc. (Hort.) Vegetable Science**

**Semester-I**

Course Code	Course Title	Type of Course	Periods/Per week			Evaluation Scheme Theory Mid Sem			Evaluation Scheme Practical Mid Sem			Practical End Sem Exam	Sub Total (Theory + Practical + Mid Sem Exam)	End Sem Theory Exam	Subject Total	Credit	Total Credit Points	Attributes							United Nations sustainable development goals (SDGs)							
			L	T	P	CT	TA	Total	CT	TA	Total							Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics								
VSC 501	Production of Cool Season Vegetable Crops	Major	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√		√			12							
VSC 503	Growth and Development of Vegetable Crops		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√				√								
VSC 510	Systematics of Vegetable Crops	Optional	1	0	2	20	10	30	-	-	-	20	50	50	100	1:0:1	2			√		√		√								
<b>Total</b>																								*								
*Major Course (Core course + Optional course) should not exceed more than 9 credit																																
FSC 501	Tropical Fruit Production	Minor	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√		√	√	√	√	12						
STAT 511	Experimental Designs	Supporting	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√		√	√	√								
BIOCHEM 505	Techniques in Biochemistry		2	0	4	20	10	30	-	-	-	20	50	50	100	2:0:2	4	√	√	√												
MCA 512	Information Technology in Agriculture		1	0	2	20	10	30	-	-	-	20	50	50	100	1:0:1	2	√	√	√												
<b>Total</b>																									**							
PGS503 (e-Course)	Intellectual Property and Its Management in Agriculture	Common	1	0	0	20	10	30	-	-	-	0	0	70	100	1:0:0	1	√	√	√				√								
PGS504	Basic Concepts in Laboratory Techniques		0	0	2	0	0	0	-	25	25	75	25	-	100	0:0:1	1	√	√	√												
PGS510	Biochemical and Molecular Biology Techniques		0	0	4	0	0	0	-	25	25	75	25	-	100	0:0:2	1 <sup>††</sup>	√		√												
<b>Grand Total</b>																									***							

Grand Total (\*\*\*) = \*+\*\*, credit should not exceed more than 22 credit in one semester; †† = Non-Gradual Course



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**M. Sc. (Hort.) Vegetable Science**

**Semester-II**

Course Code	Course Title	Type of Course	Periods/Per week			Evaluation Scheme Theory Mid Sem			Evaluation Scheme Practical Mid Sem			Practical End Sem Exam	Sub Total (Theory + Practical Mid Sem Exam)	End Sem Theory Exam	Subject Total	Credit	Total Credit Points	Attributes							United Nations sustainable development goals (SDGs)	
			L	T	P	C T	T A	Total	C T	T A	Total							Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
VSC 502	Production of Warm Season Vegetable Crops	Major	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√	√	√	√	√	12	
VSC 504	Principles of Vegetable Breeding		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√	√	√	√	√	√	
VSC 507	Protected Cultivation of Vegetable Crops	Optional	1	0	2	20	10	30	-	-	-	20	50	50	100	1:0:1	2	√	√	√	√	√	√	√		
<b>Total</b>																*										
*Major Course (Core course + Optional course) should not exceed more than 9 credit																										
FSC 502	Sub-Tropical and Temperate Fruit Production	Minor	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√	√	√	√	√	12	
		Supporting																								
<b>Total</b>																**										
PGS502	Technical Writing and Communications Skills	Common	0	0	2	0	0	-	-	-	25	75	0	100	0:0:1	1	√		√					√	4	
PGS505 (e-Course)	Agricultural Research, Research Ethics and Rural Development Programmes		1	0	0	20	10	30	-	-	-	0	0	70	100	1:0:0	1	√		√				√	√	4
PGS508	AI Foundation in Agricultural Sciences		2	0	1	20	10	30	-	-	-	20	50	50	100	2:0:1	3 <sup>††</sup>	√		√						
VSC 591	Master's Seminar		-	-	-	-	-	-	-	-	-	-	-	-	100	0:0:1	1			√						
VSC 599	Master's Research		-	-	-	-	-	-	-	-	-	-	-	-	SUS	0:0:5	5 <sup>§</sup>	√		√			√	√		
<b>Grand Total</b>																	***									

Grand Total (\*\*\*) = \*+\*\*, credit should not exceed more than 22 credit in one semester; <sup>††</sup> = Non-Gradial Course; <sup>§</sup> Student can opt any one subject from Minor; <sup>§</sup> Master's Research credit to be counted in Final Semester examinations; S/US=Satisfactory/Unsatisfactory