



Integral University, Lucknow
Integral Institute of Agricultural Science and Technology
Evaluation Scheme of Post Graduate Program
w.e.f. 2025-26

M. Sc. (Ag.) Soil 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		
SOIL 501	Soil Physics	Major	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√			√	√		
SOIL 502	Soil Fertility and Fertilizer Use		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√		√	√	√	12	
Total																										
SOIL 505	Soil Erosion and Conservation	Optional	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√		√				
Total																	*									
AGRON 506	Agronomy of Major Cereals and Pulses	Minor	2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2 [#]	√		√		√	√	√	2	
AGRON 511	Cropping System and Sustainable Agriculture		2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2 [#]	√	√	√		√				
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	√	√	√					15	
Total																	**									
PGS 501	Library and Information Services	Common	0	0	2	-	-	-	-	25	25	75	100	0	100	0:0:1	1	√		√				√		
PGS 503 (e-Course)	Intellectual Property and Its Management in Agriculture		1	0	0	20	10	30	-	-	-	-	30	70	100	1:0:0	1	√	√	√				√		
PGS 504	Basic Concepts in Laboratory Techniques		0	0	2	0	0	0	-	25	25	75	25	-	100	0:0:1	1	√	√	√						
PGS 510	Biochemical and Molecular Biology Techniques		0	0	4	0	0	0	-	25	25	75	25	-	100	0:0:2	2 ^{††}	√		√						
Grand Total																	***									

Grand Total (***) = *+**, credit should not exceed more than 22 credit in one semester; [#]Students can opt for any one/two of the courses from Minor; ^{††} = Non-Gradual Course



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Integral Institute of Agricultural Science and Technology Evaluation
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M. Sc. (Ag.) Soil 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	CT	TA	Total	CT	TA	Total							Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
SOIL 503	Soil Chemistry	Major	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√			√	√	
SOIL 504	Soil Mineralogy, Genesis and Classification		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√		√	√	√	
Total																									
SOIL 506	Soil Biology and Biochemistry	Optional	2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√		√			
SOIL 508	Soil, Water and Air Pollution		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√		√		√			2
Total																	*								
AGRON 504	Principles and Practices of Water Management	Minor	2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2	√		√		√	√	√	
AGRON 507	Agronomy of Oilseed, Fibre and Sugar Crops		2	0	2	20	10	30	-	-	-	20	50	50	100	2:0:1	3	√	√	√		√		√	3
		Supporting																							
Total																	**								
PGS 502	Technical Writing and Communications Skills	Common	0	0	2	0	0	-	-	-	-	25	75	0	100	0:0:1	1	√		√				√	
PGS 505 (e-Course)	Agricultural Research, Research Ethics and Rural Development Programmes		1	0	0	20	10	30	-	-	-	0	0	70	100	1:0:0	1	√		√			√	√	
PGS 508	AI Foundation in Agricultural Sciences		2	0	1	20	10	30	-	-	-	20	50	50	100	2:0:1	3 ^{††}	√		√					
PPP-2	Professional Skills, Personality Development, Public Speaking Program		2	0	0	-	-	-	-	-	-	-	-	-	-	S/US	2:0:0	2 ^{††}	√	√	√				√
SOIL 599	Master's Research		-	-	-	-	-	-	-	-	-	-	-	-	S/US	0:0:5	5 [§]	√		√			√	√	4
Grand Total																	***								

Grand Total (***) = *+**, credit should not exceed more than 22 credit in one semester; ^{††} = Non-Gradual Course; [§]Student can opt any one subject from Minor; S/US=Satisfactory/Unsatisfactory