



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	
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	1	20	10	30	-	-	-	20	30	50	100	2:0:1	3 [#]	√		√		√	√	√	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 503 (e-Course)	Intellectual Property and Its Management in Agriculture	Common	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 ^{††}	√		√						
AC501	Applied Soil Testing, Fertility & Nutrient Management (AC501)		0	0	2	-	-	-	-	-	-	-	-	-	S/US	0:0:2										
Grand Total																	****									

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



Integral University, Lucknow
Integral Institute of Agricultural Science and Technology Evaluation
Scheme of Post Graduate Program
w.e.f. 2024-25

M. Sc. (Ag.) Soil Science

Semester-II

Course Code	Course Title	Type of Course	Periods/ Per week		Evaluation Scheme			Evaluation Scheme			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)	
					Theory Mid Sem			Practical Mid Sem									Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
			L	T	P	CT	TA	Total	CT	TA															Total
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	√	√	√		√			
Total																	*								
AGRON 504	Principles and Practices of Water Management	Minor	2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2	√		√		√	√	√	
		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-Gradial Course; [§] Student can opt any one subject from Minor; S/US=Satisfactory/Unsatisfactory