



Integral University, Lucknow
Integral Institute of Agricultural Science and Technology
Evaluation Scheme of Post Graduate Program
w.e.f. 2022-23
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																	*									
*Major Course (Core course + Optional course) should not exceed more than 9 credit																										
AGRON 506	Agronomy of Major Cereals and Pulses	Minor	2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2 ^S	√		√		√	√	√		2
AGRON 511	Cropping System and Sustainable Agriculture		2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2 ^S	√	√	√		√				
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																	**									
PGS503 (e-Course)	Intellectual Property and Its Management in Agriculture	Common	1	0	0	20	10	30	-	-	-	-	30	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 [#]	√	√	√						
Grand Total																	***									

Grand Total (***) = *+**, credit should not exceed more than 22 credit in one semester; ^SStudents can opt for any one of the course from Minor.



Integral University, Lucknow
Integral Institute of Agricultural Science and Technology
Evaluation Scheme of Post Graduate Program
w.e.f. 2022-23
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	√	√	√		√			15		
Total																	*										
*Major Course (Core course + Optional course) should not exceed more than 9 credit																											
AGRON 504	Principles and Practices of Water Management	Minor	2	0	0	20	10	30	-	-	-	-	30	70	100	2:0:0	2	√		√		√	√	√	√	6	
		Supporting																									
Total																		**									
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		
SOIL 591	Master's Seminar		-	-	-	-	-	-	-	-	-	-	-	-	100	0:0:1	1			√					4		
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; [§]Master's Research credit to be counted in Final Semester examinations; S/US=Satisfactory/Unsatisfactory

