

**MAHAKAUSHAL UNIVERSITY,  
JABALPUR (M.P.)**



**SCHEME**

**For**

**Master of Science in Agriculture**

**Faculty of Agriculture Science & Technology**

**Department of Agriculture Science**

**Study and Evaluation Scheme of**

**M. Sc. (Ag.) Soil Science**

**Duration of Course: 02 year**

**Mode of Examination: Semester**

**MAHAKAUSHAL UNIVERSITY, JABALPUR (M.P)**

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**M. Sc. Agriculture I Sem. Department of Soil science**

Paper Code	Paper Name	L	T	P	C	Theory	Seasonal	Total		Practical	
						Max.	Max.	Max.	Min.	Max.	Min.
MSSC0101-T	Soil Chemistry	2	0	0	2	80	20	100	50		
MSSC0102-T	Soil Mineralogy, Genesis, Classification and Soil Survey	2	0	0	2	80	20	100	50	-	-
MSSC0103-T	Soil Biology and Biochemistry	2	0	0	2	80	20	100	50	-	-
MSSC0104-T	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	1	0	0	1	80	20	100	50	-	-
MSSC0105-T	Principles and Practices of Water Management	2	0	0	2	80	20	100	50	-	-
MSSC0106-T	Dry Land Farming & Watershed Management	2	0	0	2	80	20	100	50	-	-
MSSC0107-T	Statistical Methods for Applied Sciences	3	1	0	3	80	20	100	50	-	-
MSSC0101-P	Soil Chemistry - Lab	0	0	1	1	-	-	-	-	50	30
MSSC0102-P	Soil Mineralogy, Genesis, Classification and Soil Survey- Lab	0	0	1	1	-	-	-	-	50	30
MSSC0103-P	Soil Biology and Biochemistry- Lab	0	0	1	1	-	-	-	-	50	30
MSSC0104-P	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis- Lab	0	0	1	1	-	-	-	-	50	30
MSSC0105-P	Principles and Practices of Water Management- Lab	0	0	1	1	-	-	-	-	50	30
MSSC0106-P	Dry Land Farming & Watershed Management- Lab	0	0	1	1	-	-	-	-	50	30
MSSC0107-P	Statistical Methods for Applied Sciences- Lab	0	1	1	1	-	-	-	-	50	30
MSSC0108-P	Basic concept in Laboratory Techniques	-	-	-	N.C.	-	Satisfactory /Non Satisfactory	-	-	-	-
MSSCO109-P	Agricultural Research, Research Ethics and Rural Development Programmes	-	-	-	N.C.	-	Satisfactory /Non Satisfactory	-	-	-	-
<b>Total</b>					<b>21</b>	<b>560</b>	<b>140</b>	<b>700</b>		<b>350</b>	

**M. Sc. Agriculture II Sem. Department of Soil science**

Paper Code	Paper Name	L	T	P	C	Theory	Seasonal	Total		Practical	
						Max.	Max.	Max.	Min.	Max.	Min.
<b>MSSC0201-T</b>	Soil Physics	2	0	0	2	80	20	100	50		
<b>MSSC0202-T</b>	Soil Fertility and Fertilizer use	2	0	0	2	80	20	100	50		
<b>MSSC0203-T</b>	Soil Water and Air Pollution	2	0	0	2	80	20	100	50		
<b>MSSC0204-T</b>	Principles and Practices of Soil Fertility and Nutrient Management	2	0	0	2	80	20	100	50		
<b>MSSC0205-T</b>	Principles and practices of Organic Farming	2	0	0	2	80	20	100	50		
<b>MSSC0206-T</b>	Design of Experiments	2	0	0	2	80	20	100	50		
<b>MSSC0201-P</b>	Soil Physics- Lab	0	0	1	1					50	30
<b>MSSC0202-P</b>	Soil Fertility and Fertilizer use- Lab	0	0	1	1					50	30
<b>MSSC0203-P</b>	Soil Water and Air Pollution- Lab	0	0	1	1					50	30
<b>MSSC0204-P</b>	Principles and Practices of Soil Fertility and Nutrient Management- Lab	0	0	1	1					50	30
<b>MSSC0205-P</b>	Principles and practices of Organic Farming- Lab	0	0	1	1					50	30
<b>MSSC0206-P</b>	Design of Experiments- Lab	0	0	1	1					50	30
<b>MSSC0207-P</b>	Library and Information Services				N.C.						
<b>MSSC0208-P</b>	Intellectual Property and its Management in Agriculture				N.C.						
<b>Total</b>					<b>18</b>	<b>480</b>	<b>120</b>	<b>600</b>		<b>300</b>	

**M. Sc. Agriculture III Sem. Department of Soil science**

Paper Code	Paper Name	L	T	P	C	Theory		Seasonal		Total		Practical	
						Max.	Max.	Max.	Min.	Max.	Min.		
MSSC0301-P	Masters Seminar	0	0	1	1	-		-	-	50	25		
MSSC0302-P	Masters Research (Under Process)	0	0	10	10		Satisfactory /Non Satisfactory			Under Process			
MSSC0303-P	Technical Writing and Communication Skill	-	-	-	N.C.	-	Satisfactory /Non Satisfactory	-	-	-	-	-	-
MSSC0304-P	Disaster Management	-	-	-	N.C.	-	Satisfactory /Non Satisfactory	-	-	-	-	-	-
MSSC0305-P	Charitra Nirman Evam Samgra Vyaktitva Vikas	-	-	-	N.C.	-	Satisfactory /Non Satisfactory	-	-	-	-	-	-
<b>Total</b>					<b>11</b>							<b>50</b>	<b>25</b>

ज्ञान महाकोशलम्

**M. Sc. Agriculture IV Sem. Department of Soil science**

Paper Code	Paper Name	L	T	P	C	Theory	Seasonal	Total		Practical	
						Max.	Max.	Max.	Min.	Max.	Min.
MSSC0401-P	Masters Research (Accepted)	0	0	10	10+10= 20	-	Satisfactory /Non Satisfactory	-	-	500	250

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