

**Programme Structure - M.Sc. (Ag.) Soil Science**

**First Semester**

S.No.	Course Code	Title of Course	L	T	P	Credit
1	Soil 501	Soil Physics	2	0	2	3
2	Soil 503	Soil Chemistry	2	0	2	3
3	Soil 505	Soil Erosion and Conservation	2	0	2	3
4	Soil 507	Radioisotopes in Soil and Plant Studies	1	0	2	2
5	Soil 509	Remote Sensing and GIS Technique for Soil and Crop Studies	2	0	2	3
6	Soil 511	Management of Problematic Soils and Water	2	0	2	3
7	Soil 513	Soil Survey and Land Use Planning	2	0	0	2
8		Soil Microbiology	2	0	2	3
9		Minor I				
10		Minor II				
11		Library and Information Services	0	0	2	1
12	PGS 503	Intellectual Property and Its Management in Agriculture	1	0	0	1
13	PGS 505	Agricultural Research, Research Ethics and Rural Development Programmes	1	0	0	1
14		Master's Research				

**Second Semester**

S.No.	Course Code	Title of Course	L	T	P	Credit
1	Soil 502	Soil Fertility and Fertilizer Use	3	0	2	4
2	Soil 504	Soil Mineralogy, Genesis and Classification	2	0	2	3
3	Soil 506	Soil Biology and Biochemistry	2	0	2	3
4	Soil 508	Soil, Water and Air Pollution	2	0	2	3
5	Soil 510	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	0	0	4	2
6	Soil 512	Land Degradation and Restoration	1	0	0	1
7	Soil 514	Introduction to Nanotechnology	2	0	2	3
8	Soil 516	Biofertilizer Technology	2	0	2	3
9		Minor III				
10		Supporting II				
11	PGS 502	Technical Writing and Communications Skills	0	0	2	1
12	PGS 504	Basic Concepts in Laboratory Techniques	0	0	2	1

13	Soil 599	Master's Research	0	0	10	10
<b>Third Semester</b>						
<b>S.No.</b>	<b>Course Code</b>	<b>Title of Course</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
1	Soil 591	Master's Seminar	1	0	0	1
2	Soil 599	Master's Research	0	0	10	10
<b>Fourth Semester</b>						
<b>S.No.</b>	<b>Course Code</b>	<b>Title of Course</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
5	Soil 599	Master's Research	0	0	10	10