

## SOIL SCIENCE & AGRICULTURAL CHEMISTRY

### M. Sc. (Agriculture) in Soil Sciences & Agricultural Chemistry

CODE	COURSE TITLE	CREDITS	Semester
SOILS 501*	SOIL PHYSICS	2+1	I
SOILS 502*	SOIL FERTILITY AND FERTILIZER USE	3+1	I
SOILS 503*	SOIL CHEMISTRY	2+1	I
SOILS 504*	SOIL MINERALOGY, GENESIS, CLASSIFICATION AND SURVEY	2+1	II
SOILS 505	SOIL EROSION AND CONSERVATION	2+1	II
SOILS 506*	SOIL BIOLOGY AND BIOCHEMISTRY	2+1	II
SOILS 507	GEOMORPHOLOGY AND GEOCHEMISTRY	2+0	II
SOILS 508	RADIOISOTOPES IN SOIL AND PLANT STUDIES	1+1	I
SOILS 509	SOIL, WATER AND AIR POLLUTION	2+1	II
SOILS 510	REMOTE SENSING AND GIS TECHNIQUES FOR SOIL, WATER AND CROP STUDIES	2+1	I
SOILS 511	ANALYTICAL TECHNIQUES AND INSTRUMENTAL METHODS IN SOIL AND PLANT ANALYSIS	0+2	I
SOILS 512	SYSTEM APPROACHES IN SOIL AND CROP STUDIES	2+1	I
SOILS 513	MANAGEMENT OF PROBLEMATIC SOILS AND WATERS	2+1	II
SOILS 514	FERTILIZER TECHNOLOGY	1+0	II
SOILS 515	LAND DEGRADATION AND RESTORATION	1+0	I
SOILS 591	MASTER'S SEMINAR	1+0	I / II
SOILS 599	MASTER'S RESEARCH	20	

## Ph.D. Soil Science

SOILS 601	ADVANCES IN SOIL PHYSICS	2+0	I
SOILS 602	ADVANCES IN SOIL FERTILITY	2+0	I
SOILS 603	PHYSICAL CHEMISTRY OF SOILS	2+0	I
SOILS 604	SOIL GENESIS AND MICROPEDOLOGY	2+0	II
SOILS 605	BIOCHEMISTRY OF SOIL ORGANIC MATTER	2+0	II
SOILS 606	LAND USE PLANNING AND WATERSHED MANAGEMENT	2+0	I
SOILS 607	NATURAL RESOURCES MANAGMENT	3+0	II
SOILS 691	DOCTORAL SEMINAR I	1+0	I / II
SOILS 692	DOCTORAL SEMINAR II	1+0	I / II
SOILS 699	DOCTORAL RESEARCH	45	

\*Compulsory for Master's programme