

### Courses for M.Sc. (Agriculture) Soil Science

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
SOIL 501* (2+1) Soil Physics	SOIL 506* (2+1) Soil Biology and Biochemistry
SOIL 502* (3+1) Soil Fertility & Fertilizer Use	SOIL 507 (1+1) Radioisotopes in Soil and Plant Studies
SOIL 503* (2+1) Soil Chemistry	SOIL 508 (2+1) Soil, Water and Air Pollution
SOIL 504* (2+1) Soil Mineralogy, Genesis, Classification and Survey	SOIL 509 (2+1) Remote Sensing and GIS techniques for Soil and Crop studies
SOIL 505 (2+1) Soil Erosion and Conservation	SOIL 511(2+1) Management of Problematic Soils and Waters
SOIL 510 (0+2) Analytical Techniques & Instrumental Methods in Soil and Plant Analysis	SOIL 512 (1+0) Land Degradation and Restoration
SOIL 591* (1+0) Master's Seminar	SOIL 513 (2+0) Soil Survey & Land use planning
SOIL 599*(0+30) Masters research	SOIL 514 (2+1) Introduction to nanotechnology

\*Compulsory for Master's programme

### Courses for Ph.D. Soil Science

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
SOIL 601(2+0) Recent trends in Soil Physics	SOIL 606(3+0) Soil Resource management
SOIL 602(2+0) Modern concept in Soil Fertility	SOIL 607(2+0) Modelling of Soil Plant system
SOIL 603* (2+0) Physical Chemistry of Soil	SOIL 608(2+1) Clay mineralogy
SOIL 604* (2+0) Soil Genesis and Micromorphology	SOIL 609 (2+1) Recent trends in Soil microbial diversity
SOIL 605 (2+0) Biochemistry of Soil Organic Matter	SOIL 692(1+0) Doctoral Seminar
SOIL 691 (1+0) Doctoral Seminar	SOIL 699 (0+75) Doctoral Research

\* Compulsory for Ph.D. programme