



SOIL 220 Introduction to Soil Science

This 39-hour introductory soil science course led by Dr. Konstantin Dlusskiy includes an overview of soil formation and soil classification with an emphasis on soils of Western Canada. The online course and in-person practicum include instruction on:

- The concept of soil-forming processes and the factors of soil formation
- Fundamental chemical, physical and biological properties of soils
- Soil horizons and description of soil profiles
- Soil Orders of the *Canadian System of Soil Classification*
- Online soil resources and the *Alberta Soil Information Viewer*
- Soil management in relation to physical, chemical and biological soil properties
- In-person practicum on soil texture, structure and colour

NEW: The course meets the knowledge requirements for “Introductory Soil Science” within multiple Agrology practice areas.

COURSE DETAILS

Where:

Synchronous ZOOM meetings (31 h total)
In-person practicum in Edmonton, AB (8 h total)

When:

Online Lectures: Weekends in March 2023:
March 4, 5, 11 and 18, 2023 (7 h each day, 8 am to 4 pm with two coffee breaks and a lunch break)

In-person practicum: March 12, 2023 (8 am to 5 pm with two coffee breaks and a lunch break)

Online Final Exam: March 19 (9 am to 12 pm)

Fee:

Early Bird: \$730 (+GST) (ends February 3rd),
Regular: \$850 (+GST)

Additional Notes:

- The course is approved as a professional development course by the Alberta Institute of Agrologists and provides 39 professional development hours for eligible professionals.
- The course is not considered a degree-credit course and therefore does not meet the course requirements under the National Education Entrance Standard for the purposes of application for registration with the profession of Agrology.

Questions:

learning@paragonsoil.com

Registration:

<https://SOIL220-Wi23.eventbrite.ca>