

University of
Lethbridge



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Faculty of Arts & Science

M.Sc. student position to study black dot of potatoes

A M.Sc. position is available in the Department of Biological Sciences at the University of Lethbridge (Alberta, Canada) to study black dot of potatoes. The project will focus on the presence and population levels of the causal agent, the soil-borne fungus *Colletotrichum coccodes*, and evaluation of management strategies that will reduce the incidence of black dot in potato fields. The study includes evaluation of the efficacy of active ingredients to control black dot in susceptible potato cultivars grown in growth chambers and under field conditions, and assessment of sensitivity of *C. coccodes* isolates to fungicide(s).

The project is supported by Syngenta Canada and is eligible for leveraging with Mitacs. It involves work in both a laboratory and field setting, as well as collaboration with other plant pathologists. Travel to potato fields across Southern Alberta will be required. A Class 5 driver's licence is an asset. The ideal candidates should have knowledge of plant pathology, plant science, and molecular biology, with good academic standing. Experience in potato cultivation and agronomy will be beneficial. Interested students are encouraged to send a CV, unofficial university transcripts, and a brief statement of research interests to Dr. Dmytro Yevtushenko (dmytro.yevtushenko@uleth.ca)

Please find information on the application procedure at <https://www.uleth.ca/future-student/graduate-studies/master-science>