

# FMT4 027. PRECISION AGRICULTURE (152-VTD-MC).

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Credits: 1.33

Offered by: Farm Mgmt & Technology Program (Faculty of Agric Environ Sci)

Terms Offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

Students will be introduced to the basic elements of precision farming, including Global Positioning Systems and yield monitors, soil sampling strategies, remotely sensed data, Geographic Information Systems and variable rate technologies. Using real case studies and common software, students will learn to develop and analyze maps of yields and soil properties, diagnose the causes of yield variability, develop appropriate intervention strategies, and assess the potential cost implications for their farms.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)