

# ANSC 514. CODING FOR PRODUCTION DATA

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Credits: 3

Offered by: Animal Science (Faculty of Agric Environ Sci)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

## Description

An introduction to various methods used for advanced data analysis and their application within the agricultural and environmental sciences, including both classical approaches and machine learning methods; uni- and multivariate analysis; and supervised and unsupervised methods. A special focus on identifying advantages and weaknesses of the various approaches, selecting appropriate methods for specific problems, and avoiding pitfalls. Application of concepts to real- life data.

- Prerequisites: AEMA 204 or equivalent or permission of instructor
- 1. Basic experience in computer programming (ideally R) is needed.

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

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