

CHEE 231. DATA ANALYSIS AND DESIGN OF EXPERIMENTS.

Credits: 3

Offered by: Chemical Engineering (Faculty of Engineering)

Terms offered: Fall 2025

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

Description

Foundation of the design and execution of experiments based on statistical principles and of the results analysis. Topics: Data visualization, significant digits; uncertainty, precision, accuracy, propagation of uncertainty; univariate data analysis, normal distribution; sampling distribution and point estimates, confidence intervals, hypothesis testing; simple and multiple linear regression; design of experiments.

- Restriction: Not open to students who have taken CHEE 392
- (3-1-5)
- Restriction: Not open to UO students.

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