# COMP 302. PROGRAMMING LANGUAGES AND PARADIGMS.

Credits: 3

Offered by: Computer Science (Faculty of Science)

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

## Description

Programming language design issues and programming paradigms. Binding and scoping, parameter passing, lambda abstraction, data abstraction, type checking. Functional and logic programming.

- Restriction Note G: Open only to students registered in a Core Group* or Mathematics Group* program, * as defined in the SOCS section, Undergraduate Programs Calendar
- Prerequisite: COMP 250 or COMP 203
- 3 hours
- Prerequisite(s): COMP 250 and (MATH 240 or MATH 235 or MATH 318 or COMP 230 or PHIL 210)

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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