

ATOC 525. ATMOSPHERIC RADIATION.

Credits: 3

Offered by: Atmospheric & Oceanic Sciences (Faculty of Science)

Terms offered: Fall 2025

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

Description

Solar and terrestrial radiation. Interactions of molecules, aerosols, clouds, and precipitation with radiation of various wavelengths. Radiative transfer through the clear and cloudy atmosphere. Radiation budgets. Satellite and ground-based measurements. Climate implications.

- Prerequisites (Undergraduates): ATOC 315, MATH 314, and MATH 315, or permission of instructor.
- Restriction: Not open to students who have taken ATOC 620.

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](#)