

EPSC 525. MICROBIOLOGY OF THE EARTH SYSTEM.

Credits: 3

Offered by: Earth & Planetary Sciences (Faculty of Science)

This course is not offered this catalogue year.

Description

Examination of microbes that have influenced the earth's elemental cycles that sustain life on the planet, their interactions with the goal of understanding the diversity, dynamics and function of microbes in shaping our environment. Topics include global biogeochemical cycling, marine microbiology, microbe-metal interactions, bioremediation, astrobiology and the impact of climate change on microbial processes.

- Prerequisite: One of BIOL 200, MIMM 211 is recommended, but familiarity with cell biology from BIOL 112, AEBC 122, CEGEP objective 00XU or equivalent is required at a minimum.
- Restriction: Open to U2 or higher in a B.Sc. or B.A. & Sc. program.
- Not open to students who have taken EPSC 550 when the topic was "Geomicrobiology" or "Microbiology of the Earth System".

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