

New Frontiers in Earth System Science:

Polar Research



Thursdays 10:20 AM – 11:40 AM
WL-247, Busch Campus

Students from all graduate programs are welcome!

Students who took last's year's seminar may enroll again by requesting a new course number from Christina Kaunzinger at cmkk@sebs.rutgers.edu.

16:218:501 Spring 2018

This 1-credit graduate seminar course consist of guest lecturers given by Rutgers faculty from various schools and departments involved in polar research. It exposes students to a diverse cross-section of polar research with the end goal of promoting research connections across the disciplines.

This year's polar-themed lecture topics include:

- * The Decline of Arctic Sea Ice and Resulting Climate Feedbacks
- * Amplified Arctic Warming and Mid-Latitude Weather
- * Applications of Polar Atmospheric Research in the Energy Industry
- * Risks and Opportunities for Expanding Commercial Exploitation in the Arctic
- * Role of Polar Oceans in Global Biogeochemical Cycles
- * Ice Sheet Melt & Sea Level Rise
- * Paleoceanography of Polar Seas
- * The Past, Present, & Future of Polar Change

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