

# New Zealand on the Edge

## Geological Processes at an Active Plate Tectonic Boundary

**Location: Auckland and Christchurch, New Zealand**



**Faculty Directors:**

Kyle Nichols and Sarah Stelmack

**Dates:**

December 30, 2011-

January 14, 2012

(subject to change)

"New Zealand on the Edge" TX 200A 001 is a one-credit faculty-led travel seminar focusing on the geologic processes that are active at tectonic plate boundaries. Students will learn about New Zealand's diverse and active geologic setting during the fall 2011 semester in GE 251C. The class will then travel to New Zealand's south island during January 2012 to experience New Zealand's active geology firsthand.



Auckland ★



★ Christchurch



**Application Deadline:  
March 28, 2011**

### Requirements

Students wishing to enroll in TX200A 001 must also enroll in GE 251C in fall 2011.

Applications are available in Off-Campus Study & Exchanges (OCSE) in Starbuck 202, on the OCSE website, and at the Geosciences

Department office in Dana 172. The application deadline is **MARCH 28, 2011**. Applications are required to submit a \$250 non-refundable deposit at the time of application to hold their space on the program (100% refundable if not accepted to the program). This deposit will be applied to the program fee for accepted students.

# New Zealand on the Edge

Students will spend the fall semester in GE 251C learning about the processes active in New Zealand and the locations that they will visit during the travel seminar. Once in New Zealand, students will spend two weeks conducting multi-day field investigations in several of New Zealand's active tectonic settings, including learning about the earthquake damage in Christchurch and how geological processes are integral to everyday life.

## Course Schedule

The instructors will schedule four meetings on Skidmore's campus – one during the spring 2011 semester, two during the fall 2011 to discuss the logistics and the code of conduct for the travel experience, and one follow-up meeting upon returning from New Zealand (dates to be determined).

## Anticipated Costs

The anticipated fee for the travel seminar to New Zealand is \$4,650 (may fluctuate). This includes round-trip airfare from New York City to Christchurch, New Zealand, all ground transportation in New Zealand, in-country accommodations (usually in University of Canterbury field stations), meals in field stations, fees for the glacier hike and an overnight cruise in the Fjordlands, cooks, drivers, Skidmore faculty on-site, and the support of Skidmore's OCSE. **The fee does not include transportation to NYC, passport costs, all meals, or personal expenses.** Financial Aid is available for eligible students.

## PRELIMINARY TRAVEL ITINERARY

(subject to change)

- December 30 – Depart NYC
- December 31 – Flight to New Zealand
- January 1 – Arrive in Christchurch. Earthquake damage tour of downtown Christchurch
- January 2 – Fun day in Kaikoura.
- January 3 – Field day #1 at Cass field station
- January 4 – Field day #2 at Cass field station
- January 5 – Field day #3 at Cass field station
- January 6 – Field day #1 at Hari Hari field station
- January 7 – Hike the Franz Josef Glacier
- January 8 – Field day #2 at Hari Hari field station
- January 9 – Field day #1 at Milford Sound (Fjordlands)
- January 10 – Overnight cruise in Fjordlands
- January 11 – Field day #2 at Milford Sound
- January 12 – Return to Christchurch. Volcanic eruption simulation on Univ. of Canterbury campus.
- January 13 – Fun day in Christchurch
- January 14 – Fly out of Christchurch to return to Skidmore



## Additional Contact Information

### Cost and travel logistics:

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### Course content and academic requirements:

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