

The following information will be published on the Courses page of the Summer Sessions Website :			
Course Title:	Field Investigations		
Course Number:	EES 3865	Credit Hours:	3
First Instructor:	Guilherme Gualda	First Instructor Email:	g.gualda@vanderbilt.edu
Second Instructor:	Click here to enter text.	Second Instructor Email:	Click here to enter text.
Program start date:	May 7, 2025	Program end date:	May 30, 2025
Program destination(s): (Each city, country - start/end date)	New Zealand		
Does this course fulfill any AXLE credit? If so, what?	MNS		
What are the academic pre-requisites (if any) for enrolling in this course?	None		
What are some are some conditions or challenges that students will face? (Ex. Hiking long distances, extreme temperatures, rocky terrain, etc.)	All course activities are outdoors, including hiking, and work along beaches, mountains, and roadside; weather is quite variable in New Zealand in May, so students need to adjust to working in hot and sunny and cold and rainy weather. Students need to adjust to cultural differences between the US and New Zealand (which can be surprising to some students because English is the most commonly used language in New Zealand).		
What is covered in the student budget:	Detailed answers below.		
Lodging (Total nights + included amenities):	23 nights (arrival on May 7, departure on May 30)		
Meals:	Total breakfasts: 17 (all except in Christchurch, the two midtrip free days, and Auckland) Total lunches: 19 (all except the two midtrip free days and one travel day) Total dinners: 15 (all except two nights in Christchurch, the two midtrip free days, and four nights in Rotorua)		
Transportation (Airfare, public transit, etc.):	Transportation will be via rental vans, with instructor, teaching assistant, and representative from Frontiers Abroad (partner company in New Zealand) serving as drivers. Transfer from Christchurch to Wellington midtrip is included.		
Supplies (Textbooks, gear, etc.):	We will provide students with field notebooks and a mapbook that they will keep, and we will also loan them hand-lenses, compasses, and geological hammers during the trip		
Excursions (Tour fees, admission fees, etc.):	All costs will be covered by the fee of USD \$ 4,600 charged to each participant by Frontiers Abroad		
What is <u>not</u> covered in the student budget:	Detailed answers below.		
Lodging (Total nights):	0 (all nights covered)		

Meals:	Total breakfasts: 6 (major cities and two midtrip free days) Total lunches: 3 (one travel day and two midtrip free days) Total dinners: 8 (major cities, including midtrip free days)
Transportation (international airfare, public transit, etc.):	Airfare from the US to New Zealand, as well as transport from Christchurch airport to hotel upon arrival and to Auckland airport for departure are not included
Supplies (Textbooks, gear, personal items, etc.):	Students need to secure rain gear (jacket and pants), waterproof hiking boots, and warm layers, which are not included in the course fee
Excursions (Optional activities, tour fees, admission fees, etc.):	Activities during the two midtrip free days are not included in the course fee
Visa needed for US passport holders?	No
Is the cost of the visa included in the student fee?	N/A
Does the course have a service-learning component:	No
Please provide the course description below:	
<p>In this course, we will study Earth and environmental processes and systems in the field, with an emphasis on field methods. In 2025, the course will be held in New Zealand, which will give us the opportunity to study a variety of topics in Earth and environmental sciences: magmatism, eruptions, and volcanoes, including natural hazards and resources derived from them; earthquakes and their impacts on society; surface landscapes and the processes that modify them over time. We will do so while travelling through various regions of New Zealand. The course will start in Christchurch on Wednesday, May 7 and finish in Auckland on Friday, May 30, 2025. We will visit both the South and North Islands of New Zealand over the length of the course, and the topical focus will change accordingly. Course evaluation will be based on participation, field exercises (outcrop descriptions, geologic cross-sections and maps), and oral presentations. Students with all levels of expertise in Earth and environmental sciences are encouraged to apply. Activities will be adjusted to take into account prior experience and coursework.</p>	