

### Sample Field Program

Exploration of the Antarctic Peninsula and Tierra del Fuego through expert lectures and field activities

Please note: This itinerary is a sample of potential program activities, based on previous years' programs. Topics will vary by boat and activities will be dependent on environmental (especially climatic) conditions; therefore some deviations from this plan should be expected.

<i>Destination</i>	<i>Date</i>	<i>Time</i>	<i>Topic</i>	<i>Contact Hours</i>
Ushuaia	Day 1	19:00 – 21:00	Welcome dinner and program orientation	1L
Ushuaia	Day 2	09:00 – 12:00	Field trip to Martial Glacier	3F
		15:00 – 17:00	Discussion and organization of group projects	2L
Expedition ship to Antarctic Peninsula	Day 3	10:00 – 11:00	Student seminar	1L
		12:00 – 15:00	Guided walking tour of Ushuaia and Museo Maritimo de Ushuaia	3F
			Board expedition ship for cruise through Beagle Channel to Antarctica	
		19:30 – 21:00	Geology of Antarctica and glaciation	1.5L
At sea: Drake Passage Crossing	Day 4	8:00 – 10:00	Antarctic Wildlife: Marine mammals and seabirds	2L
		10:30 – 16:00	Ship excursions, Zodiac landings, and wildlife viewing	4F
		19:30 – 20:30	Student seminar	1L
At sea: South Shetland Islands	Day 5	8:00 – 10:00	Antarctica as an extreme environment	2L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
		16:00 – 18:00	Student seminars	2L
At sea: Antarctic Peninsula (Deception Island)	Day 6	8:00 – 10:00	International management of Antarctica; legal frameworks	2L

		10:30 – 16:00	Ship excursions and wildlife spotting around the active volcano of Deception Island)	4F
		16:00 – 18:00	Student seminars	2L
		19:30 – 21:00	Effects of tourism on Antarctica; review of day's sightings	1.5L
At sea: Antarctic Peninsula (King George Island)	Day 7	8:00 – 10:00	Group discussion and project mid-term evaluation	2L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
		16:00 – 18:00	Student seminars	2L
		19:30 – 21:00	Living at a polar research base; review of day's sightings	1.5L
At sea: Antarctic Peninsula (Port Lockroy)	Day 8	8:00 – 10:00	Polar psychology and group dynamics	2L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
		16:00 – 18:00	Student seminars	2L
		19:30 – 20:30	Student seminar	1L
At sea: Antarctic Peninsula (Lemaire Channel)	Day 9	8:00 – 10:00	History of polar exploration and scientific discovery	2L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
		16:00 – 18:00	Student seminars	2L
		19:30 – 21:00	Marine and freshwater biology; review of day's sightings	1.5L
At sea: Drake Passage Crossing	Day 10	8:00 – 10:00	Cultural resource management in Antarctica	2L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
		16:00 – 18:00	Student seminars	2L
		19:30 – 21:00	Ecological and geo-political future of Antarctica	1.5L

At sea: Drake Passage	Day 11	8:00 – 11:00	Group project presentations	3L
		10:30 – 16:00	Ship excursions and wildlife spotting	4F
			Farewell ship dinner and party	
Ushuaia	Day 12		Disembark from expedition ship in Ushuaia and transfer to Laguna Esmeralda beech forest day hike	4F
		19:00 – 20:00	Group discussion and synthesis	1L
Ushuaia	Day 13		Return to the USA	

### Contact Hours

Lecture hours (including pre-departure and field): 80 lecture hours

Field hours: 42 field hours (using 2 field hours = 1 lecture hour) = 21 lecture hours

Field modules (n=2 at 3 hours each of independent study): 6 lecture hours

Total contact (lecture equivalent) hours = 107 hours (6 credit course)