

Natural Resource Conservation in New Zealand
 AAEC/ANTH/ECOL/FORS/GEOG/RLST 4271/6271 (6 credits)
 Maymester, 2003 (May 10 – June 7)



Program Director: Michael A. Tarrant, Associate Professor
 E-mail: tarrant@uga.edu
 Office: 1-309 School of Forest Resources, University of Georgia, Athens GA 30602
 Telephone: (706) 583-0901
 Web-site: <http://www.uga.edu/oie/newzealand/>
 Teaching Assistant: Susan Dunn
 E-mail: ladybugsed@aol.com

Course Description

This 4-week study abroad program will examine the natural history and resource conservation of New Zealand's South Island through field experiences, seminars, presentations, and student projects. New Zealand's isolation as a series of islands after its separation millions of years ago from the ancient Gondwanaland, has meant that it has developed a unique natural heritage. Plants and animals have evolved which are unknown elsewhere in the rest of the world. Our program will focus on the conservation and management of these natural, as well as cultural, resources through a 2-week field trip, presentations and seminars at the University of Canterbury (in Christchurch), and daily field activities.

Prerequisites

Students in good academic standing at the University of Georgia will be eligible to take the course. Students in good standing from other institutions may participate, as long as they have been accepted and are registered by the University of Georgia for summer school. The instructor must approve all participants.

Required Reading

Reading packet from Bel-Jean copy center, 163 East Broad Street, Athens, GA 30601; Tel: 706-548-3648. (Will not be available in New Zealand.)

Registration (UGA Students)

Phase 1A pre-registration for the NZ Maymester program is April 4 – May 2, 2003. The NZ program is POD so you will need to be cleared by your adviser. You can register under one of four prefixes: ANTH, FORS, GEOG, or RLST and either undergraduate (4271) or graduate (6271). Please try to register on OASIS first (as **you may already have been cleared**), before contacting the respective academic advisor. To register as:

AAEC4271/6271

ANTH4271 (call # 50-161), Labau Bryan, Anthropology (542-1479)

ANTH6271 (call # 12-795), Labau Bryan, Anthropology (542-1479)

ECOL4271/6271

FORS4271 (call # 10-156), Matthew Head, Forest Resources (542-1133)

FORS6271 (call # 32-796), Rosemary Wood, Forest Resources (542-1183)

GEOG4271 (call # 32-717), Thomas Mote, Geography (542-2906)

GEOG6271 (call # 52-797), Elgene Box, Geography (542-2369)

RLST4271 (call # 70-162), Brenda Arnold, Recreation and Leisure Studies (542-5064)

RLST 6271 (call # 72-798), Brenda Arnold, Recreation and Leisure Studies (542-5064)

Please note that you must **register for the NZ Study Abroad course under REGT (not as a UGA campus course)**. Tuition should be paid to Banking and Finance, just as if you were paying for on-campus

classes, for **6 semester hours**. You can pay using one of the following payment methods: financial aid (inc. HOPE), credit card, or cash/ check. Both the financial aid and credit card payments can be completed on the computer in the OASIS registration system (be sure to register for 6 hours as a **REGT course**).

Non-UGA students must submit (to the program director) a completed UGA application form (available on http://www1.admissions.uga.edu/app_info/transfer/definitions.html). Indicate on the top of the application form that you will be attending the Maymester NZ study abroad program. On the form, check "summer transient" and turn in a letter of good standing (from your institution) along with a check (payable to UGA) for \$125.

Course objectives

Specific objectives will include:

1. To understand the natural and cultural history and ecological diversity within the network of national parks, reserves, offshore islands and coastal areas of NZ South Island;
2. To develop a working knowledge of integrated natural resource management and conservation actions throughout NZ South Island;
3. To gain an appreciation for the value of natural resources conservation and preservation. Representatives from the NZ Department of Conservation and faculty from the University of Canterbury will also be providing instruction.

Course requirements

1. Participate in all field experiences, lectures/ discussions, projects, and general activities. Unless prior approval is granted, a penalty of 1% (from the final grade) will be deducted for each mandatory session missed. Graduate students will be required to demonstrate a greater level of participation than undergraduates to achieve the same grade for this objective.
2. A mid-term exam and a final exam. Students unable to take the mid-term exam on the specified date will be given a make-up exam on the date of the final.
3. One group report and presentation on a selected resource conservation and management issue.
4. One group environmental interpretation brochure for a selected trail in Queenstown.
5. Graduate students will be required to submit an individual report on a selected topic. The report will be graded on a pass/ fail basis.

Course grading

10 points	On-site student participation
25 points	Mid-term exam
25 points	Final exam
25 points	Group report and presentation
15 points	Environmental interpretation brochure
A	89.5 - 100 points
B	79.5 - 89.4 points
C	69.5 - 79.4 points
D	59.5 - 69.4 points
F	below 59.4 points

In addition to the extra report, graduate credit for the course requires that the quality of the presentations, written exam material, and project assignments will be of a higher quality than at the undergraduate level. Accordingly, written material and project assignments will receive more rigorous grading than at the undergraduate level.

University honor code

The University of Georgia seeks to promote and ensure academic honesty and personal integrity among students and other members of the University Community. A policy on academic honesty has been developed to serve these goals. All members of the academic community are responsible for knowing the policy and procedures on academic honesty. (The UGA web-site on academic honesty can be found at: <http://www.uga.edu/vpaa/polproc/ahpol/main.html>). All academic work must meet the standards contained in "A Culture of Honesty." Each student is responsible to inform themselves about those standards before performing any academic work.

Accommodations and transportation

Accommodation will be a combination of hostel/ backpacker and multi-share (separate male and female facilities). Ground transportation will be a combination of luxury coach (for the 2-week field trip through the South Island) and 12-seater minivans (for local transportation around Christchurch). All breakfasts and dinners (except on free days) will be provided.

Itinerary

The first 10-11 days will be spent in Christchurch and surrounding community. Seminars and presentations will be given on the campus of the University of Canterbury (UC). E-mail facilities and computer resources will be available at UC, but there will be limited availability to these services during the field programs. There will also be several one-day field trips (from Christchurch) involving some limited hiking. The following two weeks will be an extended field survey of the South Island including some backcountry and glacial hiking, visits (by boat) to off-shore islands, and wildlife interactions (e.g., whale-watching, fur seal sanctuaries). Students will meet with field staff at each location for presentations on geology, wildlife management, forest management, recreation and tourism management, ecology, watershed management, etc. Due to the remoteness of some of the settings, there may only be limited access to emergency services and public telephones at certain times during the field survey. The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

- | | |
|----------------|---|
| 5/10 Saturday | Depart for Christchurch from Atlanta |
| 5/12 Monday | Early morning arrival into Christchurch. Transportation to, and check into, YMCA. Introductions and welcome lunch event at the University of Canterbury. Campus tour and registration for computer and library use. |
| 5/13 Tuesday | Classes at UC (Introduction to New Zealand natural resources) <ul style="list-style-type: none"> - Biogeography (Peter Harper) - Geology (David Bell) - Flora past and present (Matt McGlone) - Fauna past and present (Richard Holdaway) |
| 5/14 Wednesday | Classes at UC (Key species present in the field program) <ul style="list-style-type: none"> - Flora identification: 1 hr lecture and 1hr field (Dave Kelly) - Indigenous forests (David Norton) - Plantation forestry (Euan Mason) - Botanical gardens field program - Evening: group project overview (Laura Sessions and Mike Tarrant) |
| 5/15 Thursday | Classes at UC (Human involvement) <ul style="list-style-type: none"> - Introduction to Treaty of Waitangi - Ngai Tahu perspective - Pakeha perspective (David Round) - Key players in conservation (e.g., government agencies, stakeholders, NGO, non-for-profit groups, other publics) (Christine Dann or Gerry McSweeney) - Evening: hangi and powhiri (new marae) |
| 5/16 Friday | Classes at UC (Conservation and the political agenda) <ul style="list-style-type: none"> - Green party politics (Christine Dann) - Current conservation issues on the political agenda (e.g., 1080, genetic engineering, privatization of natural resources) (who?) - Agriculture - livestock (sheep, deer, and cattle) and fruit farming - Antarctic Center field trip with 30 minute introduction to Antarctica from Bryan Storey from (mid afternoon/ 3pm departure) - Happy hour social with forestry students (Roger Sands) |
| 5/17 Saturday | Free day in Christchurch |
| 5/18 Sunday | Full day in Banks Peninsula <ul style="list-style-type: none"> - Hinewai forest reserve. Presentation and interpretive field walk of the reserve by Hugh Wilson, curator. Afternoon visit to the former French colony of Akaroa and museum. |
| 5/19 Monday | Classes at UC (Conservation) |

- Biosecurity (Hamish Cochrane)
 - Predator control (Hamish Cochrane or Elaine Murphy)
 - Introduction to DOC and current issues
 - Seabird communities and conservation (Kerry-Jayne Wilson)
- 5/20 Tuesday Depart for Mount Cook (stay at Glentanner)
- Mid-term exam at 9:00 a.m.
 - 11:00 a.m. Overview to the field program (Laura Session and Mike Tarrant)
 - 1:00pm departure for Mount Cook/ Glentanner. Afternoon visit to power plant and/ or black stilt facility.
- 5/21 Wednesday Mount Cook
- Search and rescue (Andrew Welsh)
 - Introduction to Mt Cook and associated issues (e.g., thar management)
 - Free afternoon with hiking option
- 5/22 Thursday Depart for Te Anau (Grumpy's)
- Braided rivers presentation at Twizel (Mark Sanders – morning)
 - Te Anau wildlife park and/ or Visitors center (introduction to Fiordland - afternoon)
- 5/23 Friday Fiordland National Park
- Morning depart for full day in World Heritage listed Fiordland National Park, including Lake Te Anau, the Eglington Valley and Mirror Lakes, Hollyford Valley, Homer Tunnel and Cleddau Valley to Milford Sound (and Tasman Sea via cruise vessel). 11:00 a.m. cruise of Milford Sound to the opening of the Tasman sea. Afternoon hike to Key Summit. Late afternoon return to Te Anau.
- 5/24 Saturday Depart for Queenstown
- Environmental interpretation (group) brochure project on trail systems
- 5/25 Sunday Free day in Queenstown
- 5/26 Monday Depart for Fox Glacier via Haast Pass and West coast
- Private farming and sheep herding demonstration
- 5/27 Tuesday Fox Glacier
- Lake Matheson (morning optional)
 - Guided and equipped glacial hike on Fox Glacier (afternoon)
- 5/28 Wednesday Depart for Punakaiki
- Pancake rocks, limestone caves, Paparoa National Park (Les Wright) (3 hour session – geology, history, and formation of karst landscape)
- 5/29 Thursday Depart for Motueka
- Free afternoon in Motueka
- 5/30 Friday Abel Tasman National Park
- 2-day guided and interpretive kayak and hike (morning presentation by Simon Bannock)
 - overnight in Abel Tasman
- 5/31 Saturday Abel Tasman National Park interpretive hike (cont.)
- 6/1 Sunday Depart for Kaikoura
- Plantation forest presentation (morning in Nelson or surrounding area)
 - Evening presentation on eco-indigenous tourism (Dennis Buurman)
- 6/2 Monday Free day in Kaikoura (late afternoon return to Christchurch)
- Optional whale-watch, dolphin swim, or coastal hike to Seal Point
- 6/3 Tuesday Free day in Christchurch
- 6/4 Wednesday Work day
- Final exam (7:30pm)
- 6/5 Thursday Group presentations and wrap-up (morning)
- Free afternoon
 - Evening social
- 6/6 Friday Depart for States
- 6/7 Saturday Very early morning arrival in Atlanta

Name & Address	Phone/Fax	Arrival Date	Departure Date
YMCA 12 Hereford Street P O Box 2004 Christchurch	Ph (03)365-0502 Fax (03) 365-1386	12 May 2 June	20 May 6 June
Glentanner Park Centre P O Box 23 Mount Cook	Ph (03) 435-1855 Fax (03) 435-1854 Email glentanner.park.mtcook@xtra.co.nz	20 May	22 May
Grumpys Backpackers Milford Hwy Te Anau	Ph (03) 249-8133 Fax (03) 249-7753 Email grumpys@xtra.co.nz	22 May	24 May
Pinewood Lodge 48 Hamilton Road Queenstown	Ph (03) 442-8273 Fax (03)442-9470 Email yhaqtn@yha.org.nz	24 May	26 May
Fox Glacier Inn P O Box 74 Fox Glacier	Ph (03) 751-0022 Fax (03) 751-0024	26 May	28 May
Punakaiki Beach Hostel Webb Street Punakaiki	Ph (03) 731-1852 Email punakaiki.beachhostel@xtra.co.nz	28 May	29 May
Bakers Lodge 4 Poole Street Motueka	Ph (03) 528-0102 Fax (03) 528-0103 Email: bakers@motueka.co.nz	29 May 31 May	30 May 01 June
Abel Tasman C/o Ocean River Sea Kayak Marahau Beach RD2 Motueka	Anchorage Bay Ph (03) 527-8266 Fax (03) 527-8006	30 May	31 May
Dusky Lodge 67 Beach Road Kaikoura	Ph (03) 319-5959 Fax (03) 319 6929 Email duskyjack@hotmail.com	1 June	2 June

Contact information in Christchurch

Tony Crocker
Center for Continuing Education
University of Canterbury
Private Bag 4800
Christchurch, NZ
Tel (from US): 011-64-3-364-2163
Tel (from within NZ): 364-2163

Contact information at the University of Georgia

Office of International Education
201 Barrow Hall
The University of Georgia
Athens, GA 30602-2407
Tel: 706-542-7903
Alternate Tel: 706-543-0477
E-mail: oiie@www.uga.edu

What to bring list

The following is a required list of clothing and equipment that you should bring with you to New Zealand. Items indicated as recommended are not required, but you may find these useful items to bring along. Temperatures will likely range from 50-60F (average day-time highs in Christchurch) to the upper-20's (average night-time lows in Queenstown). Be prepared for sun, rain, frost, and snow (especially in the mountains). We will be staying in hostels each night except for the overnight backcountry stay in the Abel Tasman National Park (see below). Laundry facilities will be available most days/ nights. New Zealand uses 230 volt/ 50 hz power (plug style I). Try not to overpack!

1. One large backpack
2. One small daypack
3. Field gear
 - flashlight
 - sunglasses
 - brimmed hat (recommended)
 - whistle
 - water bottles (2)
 - compass (recommended)
 - local flora and fauna books (available for purchase in Christchurch)
 - binoculars (recommended)
 - small medical kit (recommended – a medical kit will also be available through the instructors)
4. One sleeping bag and one pillow case cover
5. Personal clothing (take interchangeable clothing that can be layered) including:
 - 1 pair of hiking shoes
 - 1 pair of good walking shoes or sneakers
 - 1 rain jacket
 - 1 synthetic/ wool hat and gloves
 - 3 pairs of long pants (including 1 pair of synthetic pants recommended)
 - 3 shirts (including 1 synthetic/ wool recommended)
 - 1 pair of hiking shorts
 - 1 set of synthetic long underwear
 - 1 winter jacket
 - 3 t-shirts
 - 2 sweaters/ sweatshirts
 - underwear and socks (including 2 pairs of wool/ synthetic socks recommended)
6. Toiletries, including
 - extra medications (it may be difficult to locate the same generic and/or brand name prescription drugs in New Zealand as may be found in the USA)
 - one bath/ shower towel
 - one small towel
 - insect repellent
 - sunscreen
 - extra pair of eyeglasses and contacts (contacts lens solution is widely available in pharmacies and supermarkets throughout New Zealand)
7. Note-taking equipment (for classroom and field use)
 - covered clipboard
 - waterproof note paper (recommended)
8. Additional money (for food and medical services, personal expenses, etc)
 - some local currency/ cash (available at airport in Auckland)
 - travelers checks (recommended and can be easily changed in NZ – make copies)
 - debit card (access machines are widely available in New Zealand, but check with your local bank)
 - credit card (for medical expenses, etc)

9. Passport (with minimum 6 months until expiration) **Make copies of your passport and leave it with your family/ friend**
- no visa required for stays in NZ of less than 3 months
 - drivers license
 - international student ID card (recommended)
10. Other
- camera and film
 - alarm clock
 - motion sickness medicine
 - any favorite (non-bulky) recreation equipment (e.g., fly-rod)
 - medical card
 - money belt (recommended)
 - airline ticket (make a copy)
 - avoid electrical products (unless you have a converter)
 - international calling plan/ phone cards (can be purchased in NZ)

Medical insurance and health

Health care is provided under a socialized medical plan in New Zealand. As part of the program fee, each student will be covered with the supplemental UGA study abroad insurance (contact T.W. Lord & Associates at 1-800-633-2360 within the USA or 770-427-2461 from outside the USA). This insurance is supplemental to any regular personal medical insurance (see brochure) and can be extended by contacting the insurance company directly. You may need to pay upfront for any services and file for a refund from your insurance. (Be sure to keep your insurance card with you at all times.) Please review the brochure and arrange for appropriate health insurance before leaving the U.S. It is also wise to get a medical and dental check-up prior to departing for the program.

According to the UGA Travel Medical Clinic, no vaccinations (other than those required to live in the United States) are required for travel in New Zealand. However, the Center for Disease Control has previously recommended Hepatitis A for anyone traveling outside of the U.S. CDC has an international traveler's hotline (404-332-4559) where you can get additional information (see also <http://www.cdc.gov>).

Mental health and counseling services are available for students studying abroad through the University of Georgia health center. Telephone contacts:

Mental health clinic (staffed by psychiatrists)

Regular office hours: 706-542-2273

After hours: 706-542-2200 (through campus police)

Counseling and testing (staffed by psychologists)

Regular office hours: 706-542-3183

After hours: 706-542-2200 (through campus police)

Safety

We will be staying in a combination of hostels, backpackers, university lodgings, and bed and breakfasts. Please avoid bringing any valuables (e.g., jewelry, large amounts of cash, etc); when necessary, consider storing in hotel/ hostel safe boxes. A money belt is often a good idea. Be aware of general safety concerns while traveling and ensure safe handling of money, purses, wallets, backpacks, etc at all times. A personal safety guide for women is available through the UGA police department (542-2200) and female students are encouraged to review the guide. Exercise the same precautions you would in any U.S. city or town.

Public safety emergency number at UGA: 706-542-2200

Public safety non-emergency number at UGA: 706-542-5813

Review the State Department Consular information for crime, safety, political issues, and any travel warnings in New Zealand. High crime areas and the risks of overindulgence with alcohol, swimming hazards, night travel, etc. exist in places all over the world. However, remember that you are in a foreign country and the same rules and regulations existing in the USA may not also apply to NZ. Always carry some form of ID with you at all times (including contact information at home and in NZ).

Disability services

Any student(s) who require special accommodation(s) or other requirements in this course must see the instructor at least three weeks before departure and register with Learning Disability Services (Milledge Hall) and/or Disability Services (Clark Howell Hall) on UGA Campus.

Conduct regulations

1. During the field studies, no student is to leave the group without the consent of the faculty supervisor.
2. Punctual attendance at all field and on-campus meetings is required.
3. Students are responsible for following all UGA Conduct Regulations during the time abroad (<http://www.uga.edu/vpaa/polproc/aapm/facilit/general/50104.html>). The Conduct Regulations “prohibits possession for consumption of alcoholic beverages by those under the legal drinking age and prohibits making alcoholic beverages available to persons under the legal drinking age...[specifically] (1) Alcohol and other drug related misbehavior is at any time prohibited. (2) No student shall furnish or cause to be furnished any alcoholic beverage to any person under the legal drinking age. (3) No student shall furnish or cause to be furnished any alcoholic beverage to any person in a state of noticeable intoxication. (4) No student under the legal drinking age shall possess any alcoholic beverage at functions sponsored by the University or any registered University organization. (5) The unlawful possession or the use of drugs and/ or making such drugs available to other persons by students is prohibited” (p.23-24). Non-compliance with any of these and other UGA Conduct Regulations shall result in the dismissal of the student from the Study Abroad Program.
4. The UGA alcohol policy as it applies to UGA study abroad programs can be found at [http://www.uga.edu/oie/attachments/Alcohol%20 Policy Clarification for Study Abroad.doc](http://www.uga.edu/oie/attachments/Alcohol%20Policy%20Clarification%20for%20Study%20Abroad.doc)

Entry requirements to New Zealand

The following is a statement issued by the United States Department of State Bureau of Consulate Affairs for foreign entry requirements to New Zealand (2/11/02). “Passport and arrival card (to be completed upon arrival) required. Visa not required for tourist or business meeting or consultations stay up to 3 months, must have onward/return ticket, visa for next destination and proof of sufficient funds.” For business or additional information, contact [the Embassy of New Zealand](#), 37 Observatory Circle, N.W., Washington, D.C. 20008 (202/328-4800) or the Consulate General in Los Angeles (310/207-1605. Internet:

<http://www.emb.com/nzemb>

Useful websites

www.Purenz.com	Comprehensive travel information and accommodation listings
www.Nzedge.com	Covers contemporary local issues and gives a less tourist picture of NZ
www.Newzealandnz.co.nz	Gateway to New Zealand business and tourist information
www.Vnz.co.nz	Online photoshop
www.Tourism.net.nz	Tourist-related services

Other

1. Please review the OIE pre-departure orientation web-site at <http://www.uga.edu/oie/orientation> for other information useful in the preparation and participation of the New Zealand Study Abroad Program.
2. Keep a copy of all your medical, insurance, money (e.g., travelers checks), and Study Abroad Program documents (including this syllabus) at home in the USA (with a responsible individual) and bring one copy with you.
3. Complete the confidential health form for overseas travel available at <http://www.uga.edu/oie/attachments/HealthRecord.doc> Students who identified pre-existing health conditions, health concerns, medications, disabilities, etc on their health form must make an appointment to meet with the instructor at least three weeks before departure.
4. Information on study abroad scholarships is available in the OIE Study Abroad library in 203F Barrow Hall or from the OIE web-site at <http://www.uga.edu/oie/studyabroad.htm> Other student financial aid information is available from the Office of Student Financial Aid (542-3476).
5. Please provide your parents/ spouse/ guardians a copy of the following letter from OIE (<http://www.uga.edu/oie/frforms.htm>).
6. An ISIC (international student identity card) can be purchased through the Office of International Education by completing the form available at <http://www.uga.edu/oie/attachments/ISICapp.doc>. The ISIC card enables you to buy rail passes, hostel cards; provides discounts on airfares, museums, etc; and gives limited medical insurance.
7. International calls can be made by purchasing a pre-paid phone card in New Zealand. Alternatively, almost all U.S. long-distance telephone companies have an access code for calling home from an international destination. Check with your carrier.
8. E-mail will be available (at no-cost) through the University of Canterbury while in Christchurch. While on the road, cyber-cafes are plentiful.
9. Some helpful ways to counteract jet lag include getting plenty of rest, eating healthy foods, drinking plenty of fluids, avoid caffeine and alcohol, getting moderate exercise (and sunlight), and wearing loose, comfortable clothing.
10. Review the “UGA study abroad passport – things to know before you go” packet available at (<http://www.uga.edu/oie/frforms.htm>) or contact the Office of International Education at UGA using goabroad@uga.edu for more information (including ways to manage your money while abroad, cultural adjustment, levels of readjustment when returning home, etc).