CONSERVATION
Postgraduate programmes at DICE,
School of Anthropology and Conservation
Canterbury
INTRODUCTION

Kent is an excellent environment in which to undertake postgraduate study within the field of conservation, offering programmes that expose students to unique experiences and opportunities.

The Durrell Institute of Conservation and Ecology (DICE) is Britain’s leading research and postgraduate training centre dedicated to conserving biodiversity and the ecological processes that support ecosystems and people. DICE’s mission is to integrate international conservation and development sustainably. This is achieved by combining natural and social sciences to design measures that help to conserve biological diversity.

Field-leading research

DICE has a long tradition of high-quality research, which makes for a strong research culture. Our breadth of expertise enables us to provide supervision on a wide range of topics across the full spectrum of conservation biology, biodiversity management, biodiversity law, sustainable tourism, sustainable resource use, social, biological, visual and environmental anthropology, and ethnobotany.

Our research groups present weekly research seminars as well as annual lectures by renowned practitioners.

International impact

All of our staff have outstanding international research profiles, yet integrate this with considerable on-the-ground experience working with conservation agencies around the world. This combination of expertise ensures that our programmes deliver the skills and knowledge that are essential components of conservation implementation.

Recent or current projects cover topics such as:

• Ecology of flagship Amazonian species – red Uakari monkeys and giant river otters
• Monitoring population trends in tigers and their prey in Kirinci Seblat National Park, Sumatra
• Chameleon trade and conservation in Madagascar
• Global biodiversity hotspots and extinction risk
• Conservation genetics of the critically endangered Seychelles paradise flycatcher
• Traditional knowledge, intellectual property rights and protected area management
• Collaborative wildlife management and changing social contexts in Amazonian Peru
• The economic value of mammals in Britain
• Estimating extinction dates of plants, birds and mammals
• Habitat loss and fragmentation at different scales across Europe
• Mapping the Falklands: facilitating systematic conservation planning and implementation.
Dynamic publishing culture

Postgraduate resources
DICE has various long-term study sites around the world, and maintains an ecology field trials area and field laboratory on the University campus. DICE is part of the School of Anthropology and Conservation, which is well equipped with computing facilities and research laboratories for molecular genetics, ecology, ethnomedical and biological anthropology.

External relationships
We have affiliations with contacts around the world, including the International Union for Conservation of Nature, the Durrell Wildlife Conservation Trust, the Global Diversity Foundation, the Royal Botanic Gardens at Kew and the nearby Powell-Cotton Museum.

To meet its mission, DICE works closely with a range of overseas organisations and universities, including: Njala University in Sierra Leone; Universidad Nacional Autónoma de México; Woods Hole Oceanographic Institute, Cape Cod, USA; and Kings Park and Botanic Garden, Perth, Australia.
There is a range of taught programmes on offer, so you can choose the degree that best reflects your interests.

The nine MSc programmes offered by DICE follow a common pattern, with six months of coursework and five months spent on a research project. Within the nine MSc programmes there are two compulsory modules, a dissertation and then a suite of optional modules that allow you the flexibility to devise a pathway that suits your specific interests and contains an appropriate balance between natural and social sciences.

The MA in Anthropology and Conservation is a unique multidisciplinary programme. For full details of this programme, see p5.

Please visit our website www.kent.ac.uk/sac for up-to-date information on any new programmes that are under development.

In exceptional circumstances, DICE admits applicants without a first degree if their professional career and experience shows academic achievement of a high enough standard.

**MSc course modules**

**Core modules**
All students take the following modules:
- Research Methods for Natural Sciences
- Research Methods for Social Sciences
- Dissertation Project – Conservation

**Optional modules include:**
- Advanced Topics in Ecology
- Biodiversity Preservation in International Law and Policy
- Business Principles for Biodiversity Conservation
- Conservation and Community Development
- Current Issues in Primate Conservation
- The Ecology of Plant Conservation
- Economics of Biodiversity Conservation
- Ecotourism and Rural Development
- Facilitation Skills for Conservation Managers
- Foundations of Natural Science of Conservation
- Integrated Species Conservation and Management
- International Wildlife Trade
- Managing Protected Areas
- Population and Evolutionary Biology
- Principles and Practice of Ecotourism
- Seed Conservation for Restoration
- Social Science Perspectives on Conservation
- Special Topics in Conservation
- Trade, Economics, Regulation and the Environment.

**Assessment**
Assessment is carried out primarily through continuous assessment of coursework with written examinations in some topics. The research dissertation is written up in the format of a paper for publication.
ANTHROPOLOGY AND CONSERVATION (MA)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
This challenging and innovative MA programme provides a distinctive combination of knowledge and training in Social Anthropology and Environmental Conservation. It qualifies students to pursue careers and doctoral studies in both of the two disciplines – Anthropology and Conservation. The course encourages a critical perspective on the practice and epistemology of conservation and anthropology, paving the way for the integration of the two disciplines methodologically and theoretically.

Course content
You take the following core modules and two or three optional modules. The third term is spent working on your dissertation.

Core modules
• Anthropology and Conservation
• Anthropological Research Methods 2
• Theory and Ethnography in Social Anthropology 1
• Research Methods for Social Science
Or
• Anthropological Research Methods 1

Distinctive features
This MA builds on the co-existence of the disciplines of Anthropology and Conservation within the same School. Drawing upon the specialist skills of staff in the two disciplines, the programme offers not only a distinctive and exciting mix of anthropological and conservation sub-topics and skills, but also, and more importantly, the opportunity to integrate the two disciplines at MA level. This unique programme reflects the specialisation and research synergy of the School of Anthropology and Conservation.

• The unique opportunity to study Anthropology and Conservation in the context of an integrated programme of study.
• An original and exciting approach to learning about human-environmental interactions, environmental disputes and politics, and the interrelationship of local populations with agents and policies of conservation.
• The development of a greater understanding of the socio-cultural dimension of conservation.
• Subjects that touch on all aspects of the relationship between Anthropology and Conservation.

Entry requirements
A good honours degree (2.1 or above) from any discipline.

“This programme is unique in the world! It provides an opportunity to draw together our academic strengths in both anthropology and conservation, and expose students to research approaches presented in a multidisciplinary context and at an advanced level.”

Dr Dimitrios Theodossopoulos,
Programme Convenor
CONSERVATION AND BIODIVERSITY LAW (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
This is an interdisciplinary programme that focuses on the principles and instruments that underpin biodiversity policy and law at an international level. The programme is designed for biodiversity policymakers and administrators with experience in international conservation work, and those who wish to strengthen their training in the legal regulation of biodiversity management. The programme is delivered in conjunction with Kent Law School, which offers a number of optional modules in environmental law.

Course content
You take the three core modules listed on p4, plus:
• Biodiversity Preservation in International Law and Policy.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
• Animals, species and ecosystems rarely respect our artificial national boundaries and the challenge of biodiversity decline needs to be addressed nationally, regionally and also through international co-operation and co-ordination. This course focuses exclusively on aspects of international law and policy that constitute the mechanisms deployed by the global community to facilitate this co-operation and co-ordination.
• The hallmark of the course is its critical approach. The aim is to deconstruct the law, policy and processes that underlie the international approach and assess the dynamics behind this matrix of instruments.

Entry requirements
A good second class honours degree or better in a relevant subject; a good honours degree in other subjects together with relevant practical experience.
CONSERVATION BIOLOGY (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
Modern conservation science transcends the traditional boundaries of biology, ecology and environmental management. Today's managers of biodiversity need to be versed in a broad range of specialist fields, from wildlife disease, evolutionary ecology, international wildlife trade and biodiversity law, to economics of conservation, ecotourism and community development, as well as the latest techniques in endangered species recovery.

Our MSc in Conservation Biology is an interdisciplinary programme that integrates all of these aspects of conservation biology. Our programme is designed for wildlife managers with practical experience in international conservation work looking to acquire formal scientific training, as well as students with academic qualifications looking to develop a career in conservation.

Course content
You take the three core modules listed on p4, plus:
• Population and Evolutionary Biology.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
Our conservation biology programme is distinctive because we integrate both the natural and social sciences in our teaching. You benefit not only from formal lectures and seminars, but also from residential courses run at the Wildfowl and Wetlands Trust at Slimbridge and at the International Training Centre at Durrell Wildlife Conservation Trust, Jersey.

Studying at Kent also gives you the opportunity to benefit directly from DICE's extensive links with international conservation organisations when developing your research project. Consequently, you can gain field research experience across the world. Past students have surveyed amphibian populations on the Seychelles and Madagascar, observed behaviour of endangered lizards in St Lucia, worked with NGOs on deforestation issues in Indonesia and assisted stakeholders on large-scale conservation planning projects on the African continent.

The mix of formal academic training alongside the opportunity to gain practical field conservation experience means that students from this programme take a very comprehensive set of skills into the workplace.

Entry requirements
A good second class honours degree or better in a relevant subject; a good honours degree in other subjects together with relevant practical experience.

“I think that having classmates from various areas of the world, together with the quality of the professors and their experience in conservation made discussions a great learning experience.”

Nicolás Galvez
CONSERVATION AND BUSINESS (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
In the future, successful biodiversity conservation will rely on an understanding of business principles, practices and tools, with private enterprises increasingly expected to fund and deliver biodiversity conservation around the world.

Can conservation pay its way? What are the economic benefits of species reintroductions? What economic incentives will encourage businesses to conserve biodiversity? Is ecotourism or perhaps REDD+ payments the way forward? These and many other questions are addressed in this exciting new DICE programme which introduces you to key business concepts such as customer behaviour, market competition and financial performance. You develop an understanding of how they relate to biodiversity conservation and explore the potential role and contribution of commercial firms and ‘for-profit’ business models to preserving biodiversity.

Course content
You take the three core modules listed on p4, plus:
• Business Principles for Biodiversity Conservation.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
• First MSc in the world to provide a distinctive programme of teaching and research on biodiversity conservation and business.
• Teaching by practitioners and academics from a range of relevant disciplines including business management, economics and marketing, and from ecology and biology.
• Interdisciplinary programme with students learning about the business and natural worlds.
• Field trips to local green businesses are an integral part of the programme.
• You will also be able to design and implement your own research project that focuses on business aspects of biodiversity conservation.

Entry requirements
A good second class honours degree or better in a relevant subject; a good honours degree in other subjects together with relevant experience.
CONSERVATION AND INTERNATIONAL WILDLIFE TRADE (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
International wildlife trade is big business, and ranges from high volume timber and fishery products to the more traditional wildlife products from endangered species used in horticultural, pet, leather and medicinal trades. International trade and over-use are implicated in the decline of around one third of threatened species. Equally, many of the world’s poorest people depend on the use or sale of wildlife products for their livelihood. Meeting the twin goals of reducing poverty and stemming the rate of species loss requires improved management of trade in natural resources.

This programme is designed for people from areas such as government management and scientific authorities, NGOs, international agencies and donors who are working to improve sustainability of wildlife trade. It examines a number of mechanisms for delivering sustainable wildlife trade, especially the Convention on International Trade in Endangered Species of Wild Fauna and Flora, with whom DICE has developed a memorandum of understanding to offer this programme.

Course content
You take the three core modules listed on p4, plus:
• International Wildlife Trade.
You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
• The programme offers an opportunity to specialise in a critically important field of biodiversity conservation, and to benefit from expertise within DICE, including experts in biodiversity law and trade regulation, staff with in-depth knowledge of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and wildlife trade, as well as opportunities to engage with some of the leading organisations involved in the monitoring of wildlife trade and enforcement of regulations.
• The programme examines the dynamics of international wildlife trade from all angles: the practical mechanisms set up to regulate wildlife trade, the ecological assumptions, social, cultural and economic drivers of trade, along with the challenges, pressures and the political environment that underlines relevant international law and policy.

Entry requirements
A good second class honours degree or better in a relevant subject; a good honours degree in other subjects together with relevant experience.
CONSERVATION AND PLANT SCIENCE (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
Of the 400,000 plant species on earth up to 33% are thought to be threatened with extinction. As primary producers, much of the Earth’s biodiversity is totally dependent on plants. This programme provides you with a knowledge base and the practical experience to address issues relating to plant biodiversity conservation and management, including a one-week residential module at the world famous Millennium Seed Bank.

Course content
You take the three core modules listed on p4, plus:
• Ecology of Plant Conservation.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

It is highly recommended that you take the following optional module:
• Seed Conservation for Restoration.

Distinctive features
Unlike other plant conservation programmes, of which there are few, we pride ourselves in offering both biological and social science-based training in conservation. By the time you finish, not only will you have a biological understanding of rarity in plants, but also the human side to conservation, an understanding of human pressures on plant population and community driven conservation practices.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.
CONSERVATION AND PRIMATE BEHAVIOUR (MSC)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
Many of the world’s non-human primates (NHPs) face extinction due to habitat destruction, fragmentation, overexploitation, disease and/or increased competition over resources with their human relatives. In spite of the impressive behavioural flexibility and capacity for adaptation of numerous NHP species, global trends are alarming.

This programme promotes a multidisciplinary approach and understanding of primate conservation issues. A combination of ecological, behavioural, and social methodologies and perspectives provides promising avenues to inform and achieve effective conservation management and to help combat these challenges. The programme highlights the benefits of incorporating an understanding of local human communities’ experiences and knowledge of primate behavioural and landscape ecology to foster successful conservation of non-human primates. This programme will familiarise you with a diverse set of practical and theoretical tools to pursue successfully a future role in primate conservation.

Course content
You take the three core modules listed on p4, plus:
• Current Issues in Primate Conservation
• Primate Behaviour and Ecology.*

You also choose four optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

*Unless exempt.

Distinctive features
• Access to a wide suite of DICE modules including social science approaches to conservation, GIS skills and protected areas’ management enabling students to design a learning programme to suit their individual interests.
• Unique collaborations with international NGOs around the world from the neotropics to Africa and Southeast Asia, with zoological institutions across Europe and primate sanctuaries across Africa.
• Teaching by research active experts in both conservation and biological anthropology; drawing on extensive field research with primates.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.
CONSERVATION PROJECT MANAGEMENT (MSc)

Location: Canterbury and the International Training Centre at Durrell Wildlife Conservation Trust, Jersey
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
The management of species, habitats and ecosystems increasingly draws upon principles and practices from other disciplines, such as business, marketing and human resources. This MSc programme draws upon the extensive conservation project management experience of Durrell Wildlife Conservation Trust, and equips practitioners with the skills and tools they need to manage conservation projects effectively. It is suitable for managers of conservation projects who wish to build on their existing skills, or conservation practitioners who wish to move into a project management role.

Course content
You take the three core modules listed on p4, plus:
• Leadership Skills for Conservation Management.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
• Lecturers are research active, world-leading academics with practical experience of conservation project management in locations across the world.
• DICE’s unique relationship with Durrell in terms of collaborative research and training means that students on this programme are ideally placed to benefit from Durrell’s world-class track record in leading conservation projects across the world.
• You benefit from particular courses on leadership and facilitation skills which are co-taught by DICE and Durrell staff.

• This programme is unusual because it provides you with some of the skills necessary to manage field teams and endangered species conservation projects, as well as equipping you with a solid background in relevant topics of conservation biology.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.
CONSERVATION AND RURAL DEVELOPMENT (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
The relationship between conservation and rural development can best be described as an uneasy alliance: on the one hand there is substantial common ground between them in terms of preventing environmental degradation, but on the other, they are often in direct conflict. This programme explores the issues underlying the conservation/rural development debate and offers practical and methodological tools for working at the interface between the two.

Course content
You take the three core modules listed on p4, plus:
• Conservation and Community Development.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
As far as we are aware this programme is unique in providing substantive natural and social science training in both conservation and relevant aspects of rural development. The position of DICE in a School of Anthropology and Conservation makes it uniquely placed to offer a consolidated interdisciplinary training. The programme includes field trips to conservation sites and leading conservation institutions, and there are also weekly talks by invited speakers, including leading experts in conservation policy and practice.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.

“The Conservation and Rural Development MSc is at the forefront of conservation, combining disciplines, paradigms and methods towards achieving real world solutions that include people, development and conservation.”

Mike Cordingley
Graduated 2012

Sanjay Gubbi
CONSERVATION AND TOURISM (MSc)

Location: Canterbury.
Attendance: One year full-time, two years part-time.
Start: September.

Programme description
Tourism, the world’s largest service industry, is estimated to involve over 10% of the global population in one way or another. One form, ‘nature-based tourism’, is growing at ten times the sector average, and since much focuses on protected areas and rare/endangered species, it should follow principles of sustainability – ensuring minimal environmental damage, and benefiting local people. This programme examines key issues relating to tourism and conservation, and is highly relevant to those working for NGOs, consultancy firms, contractors, tour operators, international agencies and donors, as well as conservation managers and community-based conservationists.

Course content
You take the three core modules listed on p4, plus:
• Principles and Practice of Ecotourism.

You also choose five optional modules (see list of options on p4), two of which can be modules offered by schools across the University.

Distinctive features
The programme offers you a critical engagement with the subject of conservation and tourism, not only by exploring the wide range of environmental, social and other impacts, but also through considering difficult questions that we might ask ourselves about our role as conservationists. For instance, in relation to the underlying values we might introduce into different cultures around the world as part of our ‘mission’ and what the historical roots and repercussions of these might be.

As well as taking Principles and Practice of Ecotourism, other core programme modules, and selecting a pathway through the portfolio of modules available in the School and in other schools at the University, students may also take the Ecotourism and Rural Development Field Course, a residential core module. This takes place at a site in the UK or mainland Europe, and looks at the practice of tourism and its effects on wildlife, the environment, local economies, and culture.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.
ENDANGERED SPECIES RECOVERY (PGDip) (subject to approval)

Location: Mauritius.
Attendance: Five months.
Start: March/April.

Programme description
This programme is currently being developed by DICE to capitalise on its long-standing links with the Durrell Wildlife Conservation Trust (Durrell) and the Mauritius Wildlife Foundation (MWF). Students registered on this University of Kent diploma will be based entirely on the island of Mauritius in the Indian Ocean where they will be immersed within a world-renowned species and habitat restoration programme, spearheaded by MWF in collaboration with Durrell. This exciting and novel approach to postgraduate training enables you to learn cutting-edge conservation techniques and gain world-class hands-on experience in the field.

Distinctive features
This unique programme, combines an academic qualification with intensive in situ fieldwork experience on Mauritius.

Both DICE and Durrell have a long-term partnership in conservation research and training with MWF, the organisation which has successfully led the recovery efforts for a large number of threatened endemic species. MWF’s work has already saved a minimum of five endemic species from extinction, as well as pioneering ecosystem recovery techniques for restoring whole-island ecosystems.

On completion of the programme, you will have a thorough understanding of the theory and practice of endangered species and habitat recovery, having acquired field experience in one of the world’s most successful species and habitat restoration programmes.

This programme is subject to approval. Please see the School website for the latest information.

Entry requirements
A good second class honours degree or better in a relevant subject, a good honours degree in other subjects together with relevant practical experience.
The School has a long tradition of high-quality research among its staff. The strong research culture provides excellent opportunities for study for a postgraduate research degree.

Postgraduate research can take place in any subject area which qualified members of the School are able to supervise. For further information, please refer to the staff pages on our website: www.kent.ac.uk/sac/staff-profiles/index.html

**Biodiversity Management MSc, PhD**

**Location:** Canterbury.

**Start:** At any time but preferably in September.

DICE’s research degree programme carries the generic title of Biodiversity Management, in order to allow a student to undertake any relevant research project that relates to conserving and managing biodiversity. With the varied research interests of DICE staff, this continues to allow research on a wide variety of projects on different organisms or systems and in different habitats and countries. There are, therefore, specific research projects underway on species conservation, wildlife management law, tourism and conservation, and the sustainable uses of biodiversity.

DICE encourages research students to undertake original research to submit as a thesis on important topics related to conserving and managing biodiversity.

Since it was founded in 1989, DICE has already graduated over 90 research students, and as with all its other activities, the major characteristics of the research degree programme in DICE are its international and interdisciplinary focus.

**Academic programme**

A candidate undertaking a research degree must submit a thesis that demonstrates an ability to undertake an original investigation, to test a hypothesis and to understand the relationship of your field of study to a wider field of knowledge. Additionally, in the case of a doctorate, the thesis submitted must be an original contribution to knowledge or understanding in the field of investigation. We strongly encourage students to also write-up their research for publication in peer reviewed journals.

**External students**

First, we are willing to consider registration as an external student. As an external student you need to establish arrangements with a local supervisor and give details of this arrangement to the School. You also need to ensure that you have the facilities needed, such as laboratory, library and computing facilities, to conduct your research and complete your dissertation. We ensure that purely external students have considerable contact with DICE, spending periods at the University, as well as being visited in their home country by their DICE supervisor.

**Split PhD**

The second option is to register for a split PhD, which allows you to spend a period undertaking fieldwork in your home country, while also completing the period of registration needed to complete a PhD.

The usual pattern of a split PhD is that you spend one year at DICE and two years in the field. The period at DICE is usually divided in the following way. At the beginning of your programme you spend one term (three months) preparing a detailed project proposal. Once you have completed your fieldwork you then return to DICE for two terms (nine months) to write your thesis. For the PhD in Biodiversity Management, students admitted to a split PhD must be associated with
The first year includes coursework, especially methods modules for students who need this additional training. In general, you work closely with one supervisor throughout your research, although you have a committee of three (including your primary supervisor) overseeing your progress. In order to ensure a good, close working relationship with your supervisor(s), we encourage you to make contact – preferably through email – with staff prior to applying, to discuss research possibilities.

Research strengths
DICE is Britain’s leading research and postgraduate training centre dedicated to conserving biodiversity and the processes that support ecosystems and people. DICE has collaborated on projects embracing the ecological, economic and social aspects of biodiversity conservation throughout the world. This has been achieved by staff who combine on-the-ground conservation implementation with world-renowned research.

Research training and supervision
All full-time research students have a supervisory committee, which includes a main supervisor who oversees the day-to-day supervision of the project. In conjunction with the supervisory committee, an individual training programme is devised for each student that includes both the generic and specific skills required to undertake the project.
A SUCCESSFUL FUTURE

Olivia Walter

MSc in Conservation Biology
After my MSc in Conservation Biology, I worked at the British and Irish Association of Zoos and Aquaria, enabling zoos to become good zoos and good zoos to be better. I then left to move to Yorkshire with my family and currently run Wildlife Vets International (WVI), funded by International Zoo Veterinary Group. This work entails writing grant applications for project funding, fundraising through the veterinary industry for core and project funding; writing press releases, articles and social media quotes to spread the WVI word and encourage more funding to come in. In addition, I get to choose the projects we support and facilitate the vets getting there, with the right equipment. My MSc has given me a good grounding in conservation activities and issues, enabling me to explain the conservation medicine work within the bigger picture.

The School of Anthropology and Conservation has a very good record for postgraduate employment and academic continuation: 93% of our postgraduate students, who graduated in 2010, found a job within six months or continued on to a PhD.

DICE programmes combine academic theory with practical field experience to develop students who are highly employable within government, NGOs and the private sector.

Our alumni progress on to a wide range of organisations across the world, undertaking work that utilises the knowledge and skills they have developed through their studies. Examples of the work our graduates do and the organisations they are employed by include: consultancy for a Darwin Initiative project in West Sumatra; Wildlife Management Officer in Kenya; Chief of the Biodiversity Unit, United Nations Environment Programme; Research and Analysis Programme Leader for TRAFFIC, the wildlife trade monitoring network; Freshwater Programme Officer, International Union for Conservation of Nature (IUCN); Head of the Ecosystem Assessment Programme, United Nations Environment Programme – World Conservation Monitoring Centre (UNEP-WCMC); Community-Based Natural Resource Manager, WWF; Leader of the WWF Tiger Network Initiative; Managing Partner at Althelia Climate Fund; Wildlife Officer at Heritage Council, Ireland; and Programme Officer, Gordon and Betty Moore Foundation.
Rodgers Lubilo  
**MSc in Conservation and Rural Development**  
I work for the Legal Assistance Centre in Namibia supporting institutional development and governance in Namibia’s communal conservancies in the Caprivi region. My main role is to support effective community-based natural resources management. This involves helping local communities, through the conservancy programme, to manage and generate tangible incomes and benefits from their natural resources, and to support systems that lead to improvement in livelihoods, and biodiversity conservation.

I work with the local rural leadership, and with donors and NGOs to ensure that the principles of communal conservancies are met and that sustainable wildlife and natural resource conservation contribute to rural development.

Amy Wright  
**MSc by Research in Biodiversity Management**  
My job as an ecological consultant involves surveying for protected species; looking for newts in ponds, signs of water voles in rivers and bats in barns is just part of my everyday activities. In the spring and summer, the survey season is at its peak and the hours can be long but if your passion is wildlife not many jobs offer this much variety.

After completing my Master’s in Biodiversity Management at DICE, I felt well-prepared for life at Lloyd Bore Ecology Consultancy. I had gained experience surveying for many species and even qualified for a great crested newt survey licence.

My courses at DICE gave me a vital understanding of ecological processes and equipped me with the report-writing skills that are so important for my chosen career.

Rob Pickles  
**PhD in Biodiversity Management**  
After my PhD I obtained a Commonwealth Fellowship from the Canadian Government and moved to Trent University, Ontario.

My project focuses on one of Canada’s most iconic species: the moose. A common sight in the great boreal forest that stretches across Canada, in recent years in the south of the species’ range, some populations have declined to near extinction. The project is both an investigation into the causes of recent declines and an assessment as to how the populations are likely to change in the future in response to climate change and associated shifts in parasitism, predation and competition. Most recently, I have been using ecological niche modelling to determine the distribution of some of the most pathogenic of the moose’s parasites – the brainworm!
TAUGHT MODULES

Below is a list of modules currently offered. Please note that some modules may not be available in a particular year. For this reason, minor adjustments to programme structure may sometimes be necessary.

Advanced Topics in Ecology
This module demonstrates how theory drawn from genetics, evolutionary and population biology, and small and large-scale ecology, is applied to conservation assessment and management. Advanced research techniques in genetics, ecology, and population and evolutionary biology, are used to determine conservation priorities and these are explored in detail.

Biodiversity Preservation in International Law and Policy
This module covers topics including: the structure and nature of international law including nature and relevance of soft and hard categories of law; the principles which underlie international biodiversity regulation; and the development of policy and legislation in this field.

Business Principles for Biodiversity Conservation
We explore the potential contribution of ‘for-profit’ business models to preserving biodiversity via consumptive and/or non-consumptive use of the natural resource. Using a variety of teaching and learning methods, we learn about issues involved in conceptualising, analysing, planning, implementing and monitoring business initiatives aimed at conserving biodiversity.

Conservation and Community Development
You are given an integrated view of theoretical and practical approaches to conservation and community aspects of rural development, looking at themes such as: community organisation – institutions, representation and decision-making; wider perspectives – project cycles and multi-stakeholder processes; and policy and practice – the relationship between conservation and rural development.

Current Issues in Primate Conservation
This module highlights the array of threats, issues and consequences of anthropogenic threats and environmental changes on the status, behaviour and conservation of non-human primates (NHPs). You also become familiar with a range of field methodologies employed in the survey and monitoring of wild NHP populations in and outside protected areas.

The Ecology of Plant Conservation
Plants are one of the most threatened groups of organisms. An understanding of their ecology and how it impacts on conservation action is therefore vital. This module provides an overview of the various aspects of plant ecology, starting with measures of rarity and global biodiversity patterns, followed by the impacts of climate change, plant
reproduction and dispersal, population demographics, finishing with case studies looking at the role of long-term studies to inform management practices.

**Economics of Biodiversity Conservation**
You are introduced to key economic theories and concepts such as the laws of demand and supply, market competition and economic efficiency, and the market failure paradigm (property rights, public goods, transaction costs and externalities).

**Ecotourism and Rural Development**
The module is based on a five-day field trip within the UK offering you the opportunity to learn first-hand from local businesses and government agencies about practical aspects of nature-based tourism and its growing importance to rural development and biodiversity conservation in the UK.

**Facilitation Skills for Conservation Managers**
The module draws from social theory on how teams function and how decisions are made and uses practical examples from the conservation world to demonstrate how to, and how not to, manage the decision-making process.

**Foundations of Natural Science for Conservation**
This module provides students from a range of disciplinary backgrounds with an introduction to natural science approaches to conservation and biodiversity management. You are introduced to the different definitions of biodiversity and how biodiversity can be measured, and the principles of population biology and genetics and how these can be applied to biodiversity management.

**Integrated Species Conservation and Management**
This module draws together the various approaches to species conservation by appraising the structure, function and implementation of species recovery programmes.

**International Wildlife Trade**
This module guides you through the steps of implementing a legal framework, from the adoption of national wildlife trade policies, prioritisation of species for management intervention, making sustainability findings and providing incentives for conservation, through to the multilateral governance structures.

**Leadership Skills for Conservation Managers**
You begin by reflecting on the qualities required in a leader and how a leader’s management style can impact on others in an organisation. You consider the extent to which we can apply management theory to the practice of endangered species and habitat recovery and the people involved in making it happen.

**Managing Protected Areas**
You are introduced to the main topics that managers of protected areas need to know, both to establish a representative network of protected areas and to manage existing areas on a scientific and economically sustainable basis. The module concentrates largely on those protected areas that are uninhabited and/or from which settlement has been excluded, and therefore in what traditional conservationists consider high categories of protection.

**Population and Evolutionary Biology**
This module provides an introduction to evolutionary and population biology, starting with the main evolutionary processes that influence populations and how they evolve, leading into the established demographic theory that underpins population biology. A practical component of the module focuses on molecular genetic techniques and how to interpret such genetic data.

**Principles and Practice of Ecotourism**
You are introduced to the importance of the growing tourism industry to biodiversity conservation and gain the analytical skills and methodologies required to effectively manage ecotourism to natural areas, whether in protected areas, or on private or communal land. The emphasis throughout is on implementing the principles and practice of ecotourism.
TAUGHT MODULES (CONT)

Research Methods for Natural Sciences
The module reviews the approaches used by natural scientists in the design and analysis of research projects. The principles of experimental design and how these can be applied to field projects is explained, together with the nature of both quantitative and qualitative data. An introduction to sampling strategies and the role of probability in inferential statistics leads into the role of descriptive statistics and measures of variability in data exploration.

Research Methods for Social Sciences
The module begins with a broad overview of social science approaches to research, highlighting contrasts with standard natural science techniques and focusing on the qualitative-quantitative divide. Towards the end of the module, we examine the principles of integrated research design and mixed-methods approaches.

Seed Conservation for Restoration
The module is an intensive five-day course and takes place at Kew’s world-famous Millennium Seed Bank at Wakehurst Place. There are opportunities for you to learn actual and potential uses of seed collections in ecological restoration. You are also given practical training in the basic procedures of seed handling, cleaning and all aspects of the preparation of seed for incorporation in the gene bank.

Social Science Perspectives on Conservation
This module provides an overview of different social science perspectives on conservation, and facilitates the development of professional skills that enable you to work successfully with colleagues across disciplinary boundaries, as well as with practitioners and ‘users’.

Trade, Economics, Regulation and Environment
This module develops a critical understanding of topics such as: international trade regulation as it relates to management and/or destruction of environment; and understanding of economic drivers of trade including key concepts such as absolute and comparative advantage and the economics of mechanisms for trade regulation.

“I have thoroughly enjoyed all my studies here. I am finding my PhD the best yet! I love my work, my supervisor and the facilities here. I love being on campus regularly and feeling like a real member of the School.”

Hazel Jackson
completed her BSc and MSc at DICE before embarking on her PhD supervised by Dr Jim Groombridge
ACADEMIC STAFF

Academic staff within DICE have excellent international research reputations as well as a vast amount of practical experience in the field. Visit their webpages: www.kent.ac.uk/sac/staff-profiles

Dr Peter Bennett
Reader in Biodiversity and Evolutionary Ecology
Core expertise
Evolution, ecology and conservation of birds; biodiversity hotspots; life history evolution and extinction risk; marine mammals; wildlife disease.

Dr Richard Bodmer
Reader in Conservation Ecology
Core expertise
Population dynamics and community ecology of rainforest mammals; community-based conservation, sustainable use, wildlife management in tropical ecosystems.

Dr Ian Bride
Lecturer in Biodiversity Conservation
Core expertise
Conservation and tourism; conservation education; guiding and interpretation; attitudes to, and understandings of, nature and biodiversity; practical conservation skills; conservation and the creative arts.

Dr Zoe Davies
Lecturer in Biodiversity Conservation
Core expertise
Applied ecology, using empirical data; conservation finance and investment, reducing carbon emissions; human-wildlife interactions.

Professor Rosaleen Duffy
Professor of Conservation Politics
Core expertise
Political ecology of wildlife trade and conservation issues.

Professor Richard Griffiths
Professor of Biological Conservation
Core expertise
Ecology and conservation of amphibians and reptiles; effects of environmental change on threatened species; survey and monitoring protocols for biodiversity.

Dr Jim Groombridge
Senior Lecturer in Biodiversity Conservation
Core expertise
Conservation of highly threatened bird species; conservation genetics of small populations; parrot conservation, genetics and biogeography.

CONTINUED OVERLEAF
ACADEMIC STAFF (CONT)

Professor Stuart Harrop
Professor of Wildlife Management Law

Core expertise
Law and policy relating to conservation, biodiversity and genetic resources; rights of indigenous people; intellectual property.

Dr Tatyana Humle
Lecturer in Conservation and Primate Behaviour

Core expertise
Primate conservation and behavioural ecology; ethnoprimatology; cultural primatology; primate rehabilitation and reintroduction; human-wildlife conflict and resource competition.

Professor Douglas MacMillan
Professor of Conservation and Applied Resource Economics

Core expertise
Economics and wildlife conservation; environmental modelling; economics of collaboration in land and wildlife management; forest resource economics.

Dr Helen Newing
Lecturer in Conservation Social Science

Core expertise
Effects of conservation and protected areas on rural development; participatory approaches to natural resource use; role of NGOs; conservation and tourism.

Dr David Roberts
Lecturer in Biodiversity Conservation

Core expertise
Species detectability and extinction, and orchid ecology; response of orchids to climate change, epiphyte community ecology and modelling epiphyte seed dispersal.

Dr Joseph Tzanopoulos
Lecturer in Biodiversity Conservation

Core expertise
Biodiversity conservation; plant ecology; reconciling biodiversity conservation and sustainable development in rural areas; impacts of land-use changes on mountain and island ecosystems; pollination networks; scenario analysis.
Entry requirements
For specific entry requirements for taught programmes, please refer to individual programme entries.

Biodiversity Management MSc, PhD
A good second class honours degree or better in a relevant subject; a good honours degree in other subjects together with relevant practical experience.

English language
The University requires all non-native speakers of English to reach a minimum standard of proficiency in written and spoken English before beginning a postgraduate degree.

You should provide us with either an IELTS certificate with a minimum score of 6.5, including 6.0 in reading and writing, a TOEFL certificate with a minimum of 90 including 22 reading, 21 writing, 21 listening and 23 speaking (internet-based) or, alternatively, you can provide us with the Cambridge Certificate of Proficiency in English grade C.

If you do not reach the required standard, you can apply for one of our pre-sessional courses. For further information, please see www.kent.ac.uk/cewl

Making an application
You can apply for a Kent higher degree electronically via our website at www.kent.ac.uk/courses/postgrad/apply

If you do not have access to the web, please contact the Recruitment and Admissions Office at the address overleaf, for a paper copy of the application form.

If you are applying for a research degree, it is strongly recommended that you contact the School of Anthropology and Conservation in the first instance so that you have an opportunity to discuss your study plans with the programme director.

How to complete the online application form
The online form will take up to 20 minutes to complete and can be saved and returned to at any time.

There are five sections to the online form:
• Choosing your course and giving us basic personal information
• Email verification
• Completing the form
• Checking and submitting the form
• Sending in additional paperwork by email or post.

A decision on your application cannot be made until all the additional paperwork has been received so it is important to send them in as soon as you can. In addition to filling in the application form, you also need to provide:
• evidence of your academic qualifications. Please ask the institution which awarded you your Bachelor’s or Master’s degree (or equivalent) to send us an interim or final transcript (a list of all the modules/courses you have taken with the mark achieved for each) or letter certifying your award
• references from two academic referees. All references must be in English. The University needs both references before it can make a decision whether or not to offer you a place. Email addresses of referees must be provided as referees will be asked to submit references via our secure website. References not submitted by the approved electronic route must be made in writing on official letterheaded paper
• evidence of language ability. All international students required to apply for a visa must ensure that they meet the United Kingdom Border Agency (UKBA) eligibility requirements for English language
• if you are a research applicant,
you must also submit an outline of approximately 1,500 words of the research project you wish to undertake
• any other materials or documents you would like to be considered in support of your application.

All application materials must be sent to the Recruitment and Admissions Office. You can send this information by fax to +44 (0)1227 827077, or by scanned attachment to admissionspg@kent.ac.uk or by post to: Recruitment and Admissions Office, The Registry, University of Kent, Canterbury, Kent CT2 7NZ, UK.

Packages sent by registered post or by courier are normally the most secure. The Recruitment and Admissions Office will acknowledge receipt of all application materials as quickly as possible. If you have not received an acknowledgement within a reasonable amount of time, you should contact us again.

Application deadline
There is no fixed closing deadline for applications. However, we strongly recommend that you apply as soon as possible and no later than three months before the start of term. If you wish to apply for on-campus accommodation, an application must be made online by the end of July.

Tuition fees
For the most up-to-date information on tuition fees, please visit www.kent.ac.uk/finance-student/fees

Further information
Please contact:
Postgraduate Office,
School of Anthropology and Conservation,
Marlowe Building
University of Kent,
Canterbury,
Kent CT2 7NR, UK
T: +44 (0)1227 827928
F: +44 (0)1227 827289
E: sacoffice@kent.ac.uk
www.kent.ac.uk/sac

Terms and conditions: the University reserves the right to make variations to the content and delivery of courses and other services, or to discontinue courses and other services, if such action is reasonably considered to be necessary. If the University discontinues any course, it will endeavour to provide a suitable alternative. To register for a programme of study, all students must agree to abide by the University Regulations (available online at: www.kent.ac.uk/regulations).

Data protection: for administrative, academic and health and safety reasons, the University needs to process information about its students. Full registration as a student of the University is subject to your consent to process such information.
Kent: the UK’s European university

Kent is known as the UK’s European university. Our two main UK campuses, Canterbury and Medway, are located in the south-east of England, close to London, and we have specialist postgraduate centres in Brussels and Paris.

We have a diverse, cosmopolitan population with 140 nationalities represented. We also have strong links with universities in Europe, and from Kent, you are around two hours away from Paris and Brussels by train.

World-leading research

A great deal of the University of Kent’s research has been ranked as world-leading in terms of originality, significance and rigour, according to the Government’s most recent Research Assessment Exercise. Kent staff were found to be engaged in research of international and world-class standing.

Strong academic community

Kent’s postgraduate students are part of a thriving intellectual community that includes staff and students from all our locations. In addition to lectures, seminars and one-to-one supervisions, you benefit from a rich and stimulating research culture. We have also recently invested in Woolf College, a modern facility on the Canterbury campus dedicated to postgraduates, which combines accommodation, as well as academic and social space.

A global outlook

Kent has a great international reputation, attracting academic staff and students from around the world. Our academic schools are engaged in collaborative research with universities worldwide. We offer a range of opportunities to study abroad and an approach that is truly global.

The Graduate School

As a postgraduate student, you also have the support of the Graduate School, which promotes your academic interests, co-ordinates transferable skills training programmes and facilitates cross-disciplinary interaction and social networking.

Funding

Kent provides a variety of financial support opportunities for postgraduate students. These range from research studentships, location-specific funding, sport and music scholarships, and funding specifically for overseas fee-paying students. For further information, see www.kent.ac.uk/pgfunding

Enhanced career prospects

At Kent, we want you to be in a good position to face the demands of a tough economic environment. During your studies, you acquire a high level of academic knowledge and specialist practical skills. We also help you to develop key transferable skills that are essential within the competitive world of work.

Location
Canterbury.

Faculty
Faculty of Social Sciences.

School
School of Anthropology and Conservation.

Contact
School of Anthropology and Conservation, University of Kent, Canterbury, Kent CT2 7NS
T: +44 (0)1227 827928
F: +44 (0)1227 827289
E: sacoffice@kent.ac.uk

Applications
Online at www.kent.ac.uk/courses/postgrad/apply

Further information

For information about applying to Kent, or to order a copy of the Graduate Prospectus, please contact:
The Recruitment and Admissions Office, The Registry, University of Kent, Canterbury, Kent
CT2 7NZ, UK
T: +44 (0)1227 827272
F: +44 (0)1227 827077
E: information@kent.ac.uk

The University also holds Open Days and postgraduate recruitment events throughout the year. Please see www.kent.ac.uk/opendays
COME AND VISIT US

We hold Open Days and postgraduate events throughout the year.
For more information, see:
www.kent.ac.uk/opendays