1. **Title of the module**

DICE8410 (DI841) Managing Protected Areas

1. **School or partner institution which will be responsible for management of the module**

School of Anthropology and Conservation

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 7

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Spring

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

MSc Conservation Biology

MSc Conservation and Tourism

MSc Conservation and International Wildlife Trade

MSc Conservation and Rural Development

MSc Conservation and Biodiversity Law

MSc Conservation Project Management

MSc Conservation and Primate Behaviour

MSc Conservation and Plant Science

MSc Conservation and Business

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**

8.1 Have a critical awareness of the current problems that relate to protected areas and their impacts on people and biodiversity;

8.2 Have a systematic understanding of the governance and management of protected areas, informed by insights at the forefront of their academic discipline;

8.3 Have a deep understanding of protected area management effectiveness and the ability to systematically and creatively make sound judgements on the advantages and disadvantages of the different assessment approaches;

8.4 Demonstrate self-direction and originality in tackling and solving problems by bringing together a range of biodiversity, conservation, socio-economic and social data to understand the advantages and disadvantages of the protected area approach;

8.5 Have a comprehensive understanding of the techniques and principles underpinning the design of effective and representative protected area networks.

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

9.1 demonstrate critical thinking;

9.2 writing skills, such as clarity and presenting analytical results;

9.3 the independent learning ability required for continuing professional development;

9.4 decision-making in complex situations

1. **A synopsis of the curriculum**

Protected areas are a mainstay of global conservation policy, with more than 14% of the terrestrial realm and 4% of the marine realm under some type of protection. In this module students will be introduced to the key concepts needed to understand protected area management and policy at the national and international level. The following indicative topics will form the basis of lectures, seminars and field trip around which the module will be taught: the history of protected areas and relevant international policies and commitments; current definitions of protected area based on management categories and governance types; management planning and measuring protected area management effectiveness; economic issues relating to protected areas; designing protected area networks to form representative ecological networks.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Andam, K.S., Ferraro, P.J., Pfaff, A., Sanchez-Azofeifa, G.A. & Robalino, J.A. (2008). Measuring the effectiveness of protected area networks in reducing deforestation. PNAS, 105, 16089-16094.

Dudley, N. (Ed) (2008) Guidelines for Applying Protected Area Management Categories. Gland: IUCN

Margules, C.R. & Pressey, R.L. (2000). Systematic conservation planning. Nature, 405, 243–253.

Nolte, C., Agrawal, A., Silvius, K.M. & Soares-Filho, B.S. (2013). Governance regime and location influence avoided deforestation success of protected areas in the Brazilian Amazon. PNAS, 110, 4956–4961.

Venter, O., Fuller, R.A., Segan, D.B., Carwardine, J., Brooks, T., Butchart, S.H.M., Marco, M.D., Iwamura, T., Joseph, L., O’Grady, D., Possingham, H.P., Rondinini, C., Smith, R.J., Venter, M. & Watson, J.E.M. (2014). Targeting Global Protected Area Expansion for Imperiled Biodiversity. PLOS Biology, 12, e1001891.

Watson, J.E.M., Dudley, N., Segan, D.B. & Hockings, M. (2014). The performance and potential of protected areas. Nature, 515, 67–73.

1. **Learning and teaching methods**

Total contact hours: 18

Private study hours: 132

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

*Written Assignment (3000 words) (100%)*

13.2 Reassessment methods

Reassessment Instrument: 100% coursework.

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

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| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |
| **Private Study** |  |  |  |  |  |  |  |  |  |  |
| *Lectures* | **X** | **X** | **X** | **X** | **X** | **X** |  | **X** |  |  |
| *Seminars* | **X** | **X** |  | **X** |  | **X** | **X** | **X** | **X** | **X** |
| *Field Trip* |  |  | **X** | **X** |  |  |  |  |  | **X** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |
| *Assignment* | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Internationalisation is embedded throughout this module as protected areas are a key policy instrument in global conservation, as recognised by the 196 countries that are parties to the Convention on Biological Diversity. The module also refers to global approaches for defining protected area management categories, management effectiveness and governance that have been developed by the International Union for the Conservation of Nature. In addition, the group exercises are based on case studies/analysis of data from Australia, Chile, England, Kenya, Swaziland and South Africa.

**FACULTIES SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

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| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 27/01/2019 | Major | January 2020 |  |  |
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Revised FSO Jan 2018