Bioluminescence - literally 'living light' - has evolved in a wide variety of fascinating organisms with many different purposes. It allows glow worms and anglerfish to lure food, fireflies to find a mate and nocturnal squids to camouflage themselves from predators and prey alike. In this talk, Siouxsie will discuss her research using bioluminescence to tackle what the World Health Organisation Director General called “the end of modern medicine”. She will also share how and why she’s chosen to communicate her work with a wider audience.
New Zealand-focused courses in Humanities

**ANTH 204 Pacific and New Zealand Archaeology**
An archaeological perspective on cultural change in the Pacific Islands, including New Zealand, from earliest human settlement until the early colonial era.

**EDUC 251 Education in New Zealand: Policy and Treaty Issues**
A critical examination of policy, school management and Treaty issues in New Zealand education with special focus on changes in the 1980s and 1990s.

**ENGL 242 New Zealand Literature: Connecting Worlds**
A study of New Zealand literature, focusing on the kinds of historical and contemporary connections New Zealand has to other regions, histories and cultures.

**HIST 107 New Zealand in the World from the 18th Century**
New Zealand history in a global perspective: the way forces of imperialism, colonisation, capitalism and racial conflict have shaped modern New Zealand and its place in the world.

**HIST 224 Anzac and Its Legacy: New Zealand and the First World War**
An intensive study of New Zealanders' involvement in the First World War both as fighting soldiers and civilians, incorporating Australian, British, North American and European comparative elements.

**HIST 234 Crime, Shame and Scandal in New Zealand**
How the idea of 'reputation' changed between 1800 and 2000, and how public scandal and private shame reinforced particular social values.

**MAOR 102 Māori Society**
An introduction to the theory and practice of Māori culture and society in traditional and contemporary contexts.

**MAOR 202 Māori and Tikanga**
An examination of Māori culture in traditional and contemporary contexts.

**MFCO 216 New Zealand Cinema**
A study of New Zealand film with emphasis placed upon historical and theoretical approaches.

**MUSI 267 Music in New Zealand**
The study of historical and contemporary music in New Zealand from analytical and cultural perspectives.

**PACI 101 Pacific Societies**
An introduction to selected Pacific societies in traditional and contemporary contexts, with a focus on indigenous perspectives.

**PAST 215 Christianity, Society and Ministry in New Zealand**
Using the lens of Christendom and post-Christendom, this paper examines the history of Christianity in New Zealand, its place and voice in society, and the contemporary challenges for ministry.

**POLS 102 New Zealand Politics – Introduction**
The study of institutions and processes of the New Zealand political system. Particularly the formal structure of government, political parties and interest groups, the citizen and political participation.

**POLS 213 New Zealand Foreign Policy**
New Zealand's relations with major countries, its policy in regions of interest, and its position in respect to contemporary issues in international politics.

**POLS 221 New Zealand Political Parties and Elections**
Electoral politics, with special reference to New Zealand.

**SOCI 101 Sociology of New Zealand Society**
An introduction to core concepts in sociology, dealing in particular with class, gender and race/ethnicity.

New Zealand-focused courses in Business

**MANT 217 International Management**
A brief analysis of the general features of the international management environment, including social, political, economic and technological contexts, leading to an ability to understand a range of international settings and begin to manage successfully internationally. The Pacific Rim and New Zealand's main trading partnerships will be emphasised.

**TOUR 214 Introduction to Wine Business**
An introduction to the business of wine. The culture of wine, wine regions, sensory evaluation, structure of the industry, the market for wine, wine tourism, distribution and sales.

**TOUR 301 Cultural and Heritage Tourism**
The nature of cultural and built heritage and their relationships with tourism. Issues include: the management of cultural systems for tourism; the identification, promotion and development of heritage as a sustainable heritage tourism product.
New Zealand-focused courses in Science

**ECOL 111 Ecology and Conservation of Diversity**
Species and population ecology: patterns of biodiversity; management of threatened species; evolution and environmental influences; how individuals interact with each other in populations, and with their physical environment.

**ENVI 211 Environmental History of New Zealand**
Historical overview of environmental impacts and human expectations from the first settlement of Aotearoa to the present.

**GEOG 285 Southern Landscapes**
A review of the development of landscapes in the South Island of New Zealand.

**GEOL 112 Dynamic Earth: A New Zealand Perspective**
Volcanoes, earthquakes and related hazards; crystals, minerals; igneous, sedimentary and metamorphic processes; geological structures and geological maps; earth resources; New Zealand’s geological evolution.

**GEOL 252 Field Studies and New Zealand Geology**
Practical work in field observation, geological field mapping, field interpretation; basic geometry of structures; principles of lithostratigraphy and biostratigraphy; New Zealand geology and geological map interpretation.

**GEOL 265 Natural Hazards of New Zealand and Beyond**
The nature of environmental hazards related to earthquakes, tsunamis, volcanoes, mass movements, hydrology and severe storms; the physical basis for such hazards, and the investigation of an interactive case study of the impacts of extreme hazard events.

**GEOL 272 Evolution of New Zealand Biota**
Evolution, extinction and other principles of paleontology; fossils, paleoecology and ancient environments; New Zealand Cenozoic fossils and stratigraphy.

**GEOL 276 Geological Resources for a Sustainable New Zealand**
A contextualised approach to understanding the physical and chemical processes leading to generation of geological resources, ore deposits, hydrocarbon deposits, geothermal energy, and the processes and techniques of their exploitation through exploration, mining, extraction.

**MARI 202 Marine Invertebrate Ecology and Biology**
Study of the biology, ecology and behaviour of marine invertebrates, with particular emphasis on New Zealand marine species and communities.

**NAUT 101 Nautical Studies 1**
A theoretical and practical introduction to nautical studies. Students will gain an understanding of, and develop a critical approach to, issues such as maritime law and regulations, in-shore navigation, and maritime communications. Practical issues such as health and safety at sea, and seamanship will also be covered.

OCEN 301 Practical and Field Oceanography
Methods and techniques in field and laboratory ocean science, including research planning and study designs, field sampling and data collection, modelling, scientific writing, and presentation of results. Includes a mid-semester field trip.

New Zealand-focused courses in Health Science

**PACH 201 Pacific Health: New Zealand and the Pacific Region**
Introduction to Pacific Peoples’ health. Explores socio-economic determinants of Pacific Health, culture, and well-being and the context and journey of Pacific peoples in New Zealand, including major determinants of health.