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.

Study options for international students
When English is a second language

To find details on all courses offered, search online at: otago.ac.nz/subjects
DANCE

DANC 101 Dance and Popular Culture
An examination of the role of dance in popular culture in local and global contexts through integrated theory and choreographic exploration.

DANC 201/301 Contemporary Dance Fusions
An examination of the choreographic processes, aesthetic fusions and artistic vision of key contemporary choreographers of the 20th and 21st centuries.

ENGLISH

ENGL 126 English for University Purposes
A skills-based course for those seeking to improve their command of the English language for use in an academic context. This paper caters to university students in all academic disciplines and includes course material relevant to both first and second language English speakers. Assessment involves reading and listening comprehension, formal writing, and group and individual presentations.

ENGL 127 Effective Writing
Key concepts of effective writing in academic and professional contexts. Clear, powerful communication is a prerequisite of success in the academic or business world. More than ever in the internet age, communication takes place in a written form with speech, gesture, expression or body language providing fewer clues to meaning. ENGL 127 will introduce students to – or refresh their memory of – key concepts in effective writing. We will study practical aspects of grammar, punctuation, style and mechanics at the level of the sentence, paragraph, essay and beyond.

ENGL 128 Effective Communication
An introduction to the fundamentals of effective speaking and writing, exploring a variety of contexts in which language is used. Enables students to communicate more effectively in tutorials, labs and written assignments. Complements ENGL 127. This paper prepares students for the crucial written and oral communication skills needed to succeed at university and in the workplace. Students learn essential elements of writing and speaking, including report writing and presentation skills. This paper complements ENGL 127, but the two may be taken separately.

ENGLISH

FREN 105 Intensive French for Beginners
An introduction to French for students with little or no previous knowledge of the language. This intensive course engages students in learning the basic vocabulary and structures of French. The teaching methodology is student-centred, with the lecturer acting as facilitator, and the ultimate goal of this paper is to make the students independent users of French.

FREN 131 Introductory French 1
Intensive French language for beginners and very near beginners. This paper engages students in learning the basic vocabulary and structures of French. The teaching methodology is student-centred, with the lecturer acting as facilitator, and the ultimate goal of this paper is to make the students independent users of French.

GERM 105 Intensive German for Beginners
An intensive German language paper for beginners. The paper is designed to help students become independent users of the language, able to deal with simple, everyday situations with native German speakers. The teaching method emphasises active communication. In class students interact with the teacher and each other to develop the full range of speaking, listening and writing skills.

GERM 131 Introductory German 1
German language for absolute beginners. GERM 131 is the first in a series of three introductory papers that will help students become independent users of the language, able to deal with simple, everyday situations with native German speakers. The teaching methods in all three papers emphasise active communication. In class students interact with the teacher and each other to develop the full range of speaking, listening and writing skills.

GREK 111 Introductory Greek 1
This is a paper for beginners in Ancient Greek, one of the world’s greatest and most celebrated languages. It is designed to cover the basic elements of Greek grammar and vocabulary and to develop reading skills in the language. The method is reading-based, which means that continuous Greek texts are read from the outset based on the life of a fictional Greek family living in Athens in about 431 BCE.

JAPA 131 Introductory Japanese 1
An introductory course in reading, writing, speaking and listening to Japanese for students with no previous knowledge of the language. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of the Japanese people. In this paper students will learn how to develop four language skills (speaking, listening, reading, writing) through lots of engaging communicative activities in a relaxed environment.

LATN 111 Introductory Latin 1
As an introduction to the Latin language, this reading-based beginners’ paper is designed to help students develop the skills needed to read and understand texts written by some of the great Roman authors, such as Cicero and Horace. In addition, this intensive study of the Latin language also seeks to improve students’ communication skills by offering a deeper understanding of the English language and its Latin roots.

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SPAN 131 Introductory Spanish 1

An introductory course in reading, writing, listening to, and speaking Spanish for students with no previous knowledge of the language. With over 400 million native speakers worldwide Spanish is truly a world language, and the ability to communicate in a second language will distinguish students from other graduates.

MĀORI STUDIES

MAOR 102 Māori Society

An introduction to the theory and practice of Māori culture and society in traditional and contemporary contexts. A basic understanding of Māori cultural concepts and the historical context within which Māori society has developed to its contemporary position is critical to New Zealand’s development. A student who completes this paper will be equipped with the knowledge and cultural awareness to participate more fully in New Zealand society.

MAOR 103 Introduction to Ngāi Tahu

An introduction to Ngāi Tahu society and culture, with emphasis on their distinctiveness and their role as manawhenua in the Otago region.

MAOR 108 Waiata: Te Timatanga

An introductory study of various forms of waiata (Māori performing art) including haka from traditional to contemporary times. A practicum component is also included. This paper is offered as one of the Māori Performing Arts papers. It is designed to provide students with the opportunity to learn various waiata and haka and understand a Māori worldview from the basis of the Māori language and Māori customary lore as expressed through the medium of the performing arts.

MAOR 110 Introduction to Conversational Māori

An introduction to Māori language with emphasis on pronunciation, greetings and forms of language in particular cultural contexts. In this paper students will develop skills for possible music option (either gamelan, taiko, taonga pūoro or Scottish piping). Tuition to develop performance skills in a solo instrument or voice, a second instrument or voice, or an approved popular music or world music option (e.g. Indonesian gamelan, Japanese taiko, African djembe, Hawaiian ukulele, Māori taonga pūoro).

MAOR 120 Introducing the Māori World

An introduction to the Māori world, including cultural concepts and practices, Treaty of Waitangi, pronunciation, greetings, songs and forms of language appropriate to work contexts. Includes cultural experience practicum.

MATHEMATICS

MATH 160 Mathematics 1

This paper is a natural continuation of Year 13 mathematics and is divided between algebra and calculus. The algebra component introduces vectors and geometric constructions fundamental to applications in mechanics and computer graphics. Matrices, polynomials and complex numbers are introduced. The calculus component covers ideas and methods of differential and integral calculus together with key applications and extensions.

STAT 110 Statistical Methods

This is a paper in statistical methods for students from any of the sciences, including students studying biological sciences, social sciences or sport science, as well as those studying mathematics and statistics. The paper provides an introduction to the use of statistical methods for the description and analysis of data, use of computer software to carry out data analysis, and the interpretation of the results of statistical analyses for a range of research studies.

STAT 115 Introduction to Biostatistics

Biostatistics (statistics applied in the health sciences) is a vital tool in the mission to improve health and wellbeing for all people. STAT 115 provides an introduction to the core principles and methods of biostatistics. In this paper students will gain an understanding of how statistics is used to answer research questions: how to look for patterns in data and how to test hypotheses about disease causation and prevention and improvement in wellbeing.

MUSIC

MUSI 103 Music in Popular Culture

An overview of popular music with studies in the role and function of music in popular culture in a global context. (No prior musical knowledge required.) Popular music is a powerful contemporary phenomenon, but it is also part of a wider picture. In this paper, we investigate theories of popular culture as they relate to music, analyse the many functions of popular music (including its role in film, television and gaming) and discuss the music industry.

MUSI 104 Music in World Cultures

An exploration of the world’s traditional, popular and contemporary music in a cultural context. (No prior musical knowledge required.) In addition to lectures and tutorials, students gain important insights into various music by learning to play a variety of musical instruments (e.g. Indonesian gamelan, Japanese taiko, African djembe, Hawaiian ukulele, Māori taonga pūoro).

MUSI 105 Music Matters

Perspectives of music in global, historical and cultural contexts. Students will learn why music matters in modules covering diverse themes and musical styles.

MUSI 140 Performance Studies 1

Tuition to develop performance skills in a solo instrument or voice, a second instrument or voice, or an approved popular music or world music option (either gamelan, taiko, taonga pūoro or Scottish piping or drumming). Solo study students will develop skills for possible entry to MUSI 141 or MUSI 240.

MUSI 191 Introduction to Music

An introduction to the theory of music, including notation and the foundations of key, harmony and tonality. Music is a language, and like any other language, it has a way of writing it down, spelling, punctuation and all those grammatical things that languages have; and of course, it also has an enormous, and enormously pleasurable, literature.
MUSIC cont.

MUSI 260 Special Topic: David Bowie

This multidisciplinary paper on David Bowie's career will be taught by one of the world’s leading authorities on the subject, Dr Ian Chapman. MUSI 260 will focus on one of the most important figures in the history of popular music from the perspectives of music, gender studies, film and media studies, theatre, performing arts, and fashion.

MUSI 268/368 Performance in Asia and the Pacific

A study of the musical diversity of Asia and the Pacific with focus on performance in Japan, Indonesia, Polynesia and Melanesia. Includes playing experience on select instruments.

THEATRE

THEA 151 Improvisation

An introduction to the principles and methods of improvisation through the practical exploration of spontaneity, teamwork, narrative and status. This paper is both informative and very enjoyable. It will help students to develop the foundational skills of improvisation, including listening and responding, teamwork, expressiveness and non-verbal communication.

THEA 152 Theatre Technology

An introduction to the technology of theatre, including lighting, the operation of audio technology and stage management. THEA 152 students get hands-on experience as members of the technical and front-of-house crew in productions for the Theatre Studies weekly Lunchtime Theatre programme.

THEA 153 Voice and Movement

The nature and philosophy of voice and movement in communication, and the development of personal awareness and requisite skills through practical training. Voice and movement are fundamental to the way we communicate with the world. These modes of expression are in turn linked to the wider notions of gender and representation. This paper introduces theories, issues and skills related to communication, with a practical focus on the development and refinement of body and voice as a “performance instrument”.