

## YEAR 1 FIELD COURSES

The following degree programmes offer a field course as part of the programme - Anatomical Sciences, Biology, Biology with Science & Society, Life Sciences, Plant Science and Zoology. If you are on one of these programmes please read this entire document, as it contains important information.

Students on the following courses will be required to attend a field course: **Plant Science** and **Zoology**

**Biology** students can either take a field course option or one of the lab streams, please speak to your Programme Director for further information.

The following students have a field course as an optional choice: **Anatomical Sciences, Biology with Science & Society and Life Sciences.**

You will be meeting with your Programme Director on Monday 21<sup>st</sup> September to discuss the units you will take during year 1. Field course choices made on that day are final and exempt from changes so please be certain when choosing the trip and note the costs involved in your choice (see below for details). Initially there is a £100 non-refundable deposit that must be paid for the costed field trips only, please see BIOL10662 below, for the free field course, no later than Tuesday 29<sup>th</sup> September at 5pm, but please check the total cost of the trip required. The deadline for the remainder of the cost is Friday 18<sup>th</sup> December 2015.

A **compulsory** field course meeting will take place on **Wednesday 30th September at 5pm in Roscoe Building Theatre B**. At this meeting you will be required to bring a copy of your passport and complete paperwork required for the trip. If the deposit is not received by that date, or you do not attend the meeting, then you will not be considered for any of the paid field courses. If you are not offered a place, then any deposit that you have paid will be refunded.

The units - BIOL10602, BIOL10622, BIOL10652 or BIOL10642 must pay a £100 non-refundable deposit.

BIOL10602 - Field Course in Marine Biology – Available to Biology, Biology with Science & Society, Life Sciences and Zoology students only. This nine-day field course is held at the University Marine Biological Station at Millport, Isle of Cumbrae, Scotland. This course will give you experience working with marine organisms. You will use ecological surveying methods to study organisms in rocky and sandy shores, and in the benthic and pelagic environments. The aim is for you to recognise shore organisms to phylum or class level and many common organisms to the species level; to understand the patterns and causes of zonation on both rocky and sandy intertidal shores and to examine live planktonic organisms. Cost of the course - The cost of this field course is **£375 and a £100** deposit is required when you sign up for this field course; this is non-refundable unless we are unable to offer a place.

BIOL10622 - Field Course in Comparative and Adaptive Biology – Available to Biology, Biology with Science & Society, Life Sciences, Plant Science and Zoology students only. This field course is an eight-day residential course held on the Spanish island of Majorca. You will learn about plants and animals native to the region and their physiological

adaptations to the stresses experienced in the Mediterranean climate. Working in small teams you will design and execute a field survey project. The cost of this field course is **£420 and a £100** deposit is required when you sign up for this field course; this is non-refundable unless we are unable to offer a place.

**BIOL10652 - Bones from the Past** – Available to Anatomical Sciences, Biology, Life Sciences and Zoology students only. After four preparatory lectures and supporting workshops you will go on a field course where you will be part of an ongoing excavation of human remains. The four key themes of your lectures are; identification of bones and teeth, estimation of age at death, estimation of sex and estimation of stature and handedness. You will learn how to find, extract, clean and identify skeletal remains. You will also learn about a range of archaeological techniques that are essential for recording archaeological discoveries. The cost of this field course is **£200 and a £100** deposit is required when you sign up for this field course; this is non-refundable unless we are unable to offer a place.

**BIOL10642 - Field Course in Animal Behaviour** – Available to Biology, Biology with Science & Society, Life Sciences, and Zoology students only. This 7-10 day field course is held at a game reserve north of Pretoria in South Africa. You will analyse the cause and function of the behaviour of a range of animals including large mammals, birds and invertebrates. Working in small teams you will design and execute a field based project. The cost of this field course is **£1500 and a £100** deposit is required when you sign up for this field course; this is non-refundable unless we are unable to offer a place.

**BIOL10662 - Field Studies in Behavioural Ecology** – Available to Biology, Life Sciences, Plant Science and Zoology students only. The unit aims is to provide students with a robust overview of the methods used to study behavioural ecology in the field. The unit will introduce students to foundational concepts in ecology, animal behaviour, conservation biology and evolutionary theory, with a focus on UK species and ecosystems. This unit will introduce students to core concepts regarding sampling animals in the wild, assessing biodiversity and species abundance, recording animal behaviours and critically testing hypotheses with experiments. There is no cost for this field course.

If you would like to discuss this further please contact your Programme Director or the Student Support Office [studentsupportoffice.fls@manchester.ac.uk](mailto:studentsupportoffice.fls@manchester.ac.uk)