



Anatomy & Dissection

Studying honeybee anatomy helps beekeepers understand how bees are able to carry out the many and varied tasks they perform. Honeybees have been evolving for 100 million years and have become superbly adapted to survive and prosper in their environment. The aim of this course is to study, explore and gain an understanding of honeybee anatomy and to learn the techniques required to carry out successful dissection.

Programme outline

The outline for the course is as follows:

	Day 1	Day 2
morning 09:30 – 12:30	External honey bee anatomy Digestion and Flight	Glands, Nervous System, and Sting
afternoon 13:30 – 17:00	Circulation & Respiration	Open practical session

Tea and coffee will be served on both mornings from 9am. Lunches and refreshments are included in the course fee.

Preparation

Familiarise yourself or refresh your understanding of honey bee anatomy by referring to the following titles:

Anatomy & Dissection of the Honey Bee, H.A. Dade
The Honey Bee Through the Looking Glass, G. Royle
The Honey Bee Inside Out, C. Davis

What to bring

Microscopes and associated tools and consumables will be provided for students to use, however if you have your own stereo (dissection) microscope and tools please bring them so that you can work with familiar equipment. It will also allow you to see your own microscope correctly set-up for use by an expert.

Please bring at least 30 bees, ideally alive or otherwise as fresh as possible and in a breathable container. Do not feed the bees with honey, fondant, sugar, syrup... just water.

Anatomy & Dissection of the Honey Bee by Dade will be referred to during the course, please bring your own copy for reference. Laminated A4 copies of the illustrated plates will be useful for the exercises and will save your book from damage as you work; these are available very cheaply from the IBRA bookshop (www.ibra.org.uk).

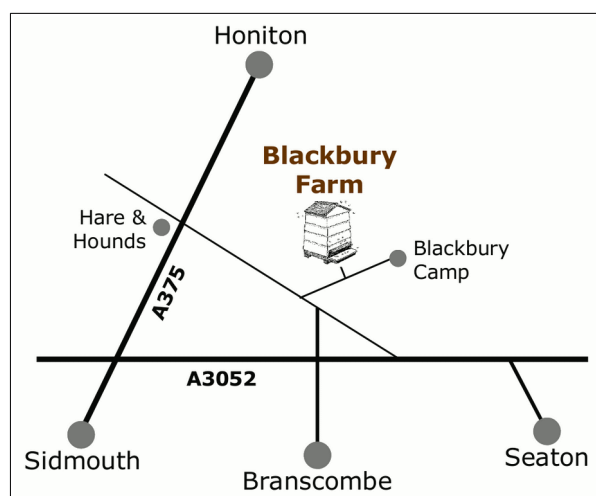
Directions

Our training centre is located between the towns of Honiton, Sidmouth, and Seaton at

Blackbury Honey Farm, Southleigh, Colyton, Devon, EX24 6JF

Blackbury Honey Farm is located about a mile from Southleigh village so please do **not** follow Southleigh signs – instead follow the brown **Blackbury Camp** and **Honey Farm** signs.

Satnav users – the postcode is inaccurate - when it tells you that you have arrived, follow the brown signs for Honey Farm and Blackbury Camp.



By car

1. Honiton is reached by the A30, which connects with the M5 at Exeter and the A303 and A35 to the East.
2. Follow signs out of Honiton for Sidmouth on the A375.
3. At the crossroads with the Hare and Hounds pub, turn left and follow the brown tourist signs for Blackbury Camp.
4. Follow this road for about 2 miles – do **not** go to Southleigh village.
5. Turn left where indicated by the brown Honey Farm sign, and Blackbury Honey Farm is the first gateway on the left. There is ample parking.

By train

Honiton station is about five miles away and is served by the London Waterloo – Exeter service. Taxis from Honiton station can be booked on 01404 850800 – please ask to be taken to Blackbury Camp, Southleigh and you will pass our gate.

Accommodation

The following local B&Bs are popular with our students:

- Records Place, Southleigh, EX24 6JA, tel. 01297 680649
- Smallicombe Farm, Northleigh, EX24 6BU, tel. 01404 831310
- The Old Bakehouse, Colyton, EX24 6ND, tel. 01297 552518

Other options available locally include:

- Woodlands Hotel, Sidmouth, EX10 8HG, tel. 01395 513120
- Premier Inn, Honiton, EX14 1BQ, tel. 0871 527 9508
- Travelodge, Seaton, EX12 2NA, tel. 0871 622 0701
- YHA Hostel, Beer, EX12 3LL, tel. 0845 371 9502

Seaton Tourist Information Centre can advise regarding local accommodation options:

- seaton.gov.uk/tourist-information, 01297 21388, admin@seaton.gov.uk

Contact

The training centre at Blackbury Honey Farm is coordinated by Daniel Basterfield, who can be contacted on 01404 871600 or at dan@blackburyfarm.co.uk.