

Bat Conservation Trust

# Training Courses for Professionals



Training courses aimed at:

- Consultants
- Arborists
- Planners
- Construction Industry



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## 2012

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[www.bats.org.uk/training](http://www.bats.org.uk/training)

# Training Courses for Professionals 2012

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25 September	Bewerley Park, N. Yorkshire
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**Terms and Conditions**

**Cancellation** – If it is necessary for you to cancel your booking for whatever reason, please inform the Bat Conservation Trust as soon as possible. Cancellation will be subject to the following charges:

- All cancellations will be subject to an administration charge of 20% of the fee.
- For cancellations made up to six weeks before the start of the course a refund will be issued minus the administration charge.
- No refund will be made for bookings cancelled less than six weeks before the course or for non-attendance on the day except in exceptional circumstances, and then only at the discretion of the Bat Conservation Trust. If you are able to provide a replacement to attend the course, then only the administration charge will be made.

**Transfer** – If you wish to transfer to a different date after you have booked, then provided the Bat Conservation Trust is notified six weeks before the start of the course you will be subject only to an administration charge.

**Cancellations of events** – In very rare exceptions it may be necessary to cancel a training course. In these circumstances, participants will be informed as soon as possible and all participants will be offered a full refund or the chance to transfer to an alternative date.

## Who should attend the courses?

The Bat Conservation Trust (BCT) is the only UK organisation solely devoted to the conservation of bats on a national scale. We offer a wide range of courses that seek to raise awareness of bats and their habitats. This brochure is aimed at those that require training about bats in a professional capacity, for example, consultants, arborists and architects. Some of our courses assume that participants have a particular interest or some prior knowledge and experience. Where this is the case, it is indicated in the course description.

If you wish to attend a course and are not sure if it is at an appropriate level, or want to know more about the content, please contact BCT (contact details listed below) to discuss it further.

Training courses aimed at the voluntary sector are described in a separate brochure.

## How to book

If the course dates are listed in the brochure, please complete both sides of the booking form, found in the centre, and send to BCT. This form is also available as a download on the training section of our website [www.bats.org.uk/training](http://www.bats.org.uk/training). Once we have received your completed form we will send you a confirmation letter and more details about the course content, what to bring and how to get there.

For courses with no dates listed in the brochure, please keep an eye on the BCT website for updates as and when they become available. They will also be advertised in BCT's e-Bulletin. If you do not have access to any of the above, please contact Dave Sutton (contact details listed below) to be added to the BCT training mailing list.

Please try to book early as some courses do fill up quite quickly. The website has up-to-date information on whether there is any availability on courses – if a course is fully booked it is still worth contacting Dave Sutton as we can add you to a waiting list in the event of any cancellations. If there is enough demand, we may be able to arrange an additional course.

## Contact information

Queries regarding booking availability or level and content of courses: **Dave Sutton** ([dsutton@bats.org.uk](mailto:dsutton@bats.org.uk); 020 7820 7165).

## Discounts for BCT members

Discounts on training courses are one of the benefits of BCT membership. Simply indicate your membership status by ticking the relevant box in the 'Payment' section of the booking form to claim your discount. If you are not a current BCT member, the booking form allows you to easily join BCT at the same time as booking your course and take advantage of the membership discount.

Further discounts are available to BCT's Corporate Members.  
 For more information, please contact **Hannah Rawnsley**, Fundraising Officer  
 (hrawnsley@bats.org.uk; 020 7820 7167).

## Equipment for courses

Bat detectors and/or laptops may be required for some courses. If this is the case, it will be indicated under the course description. BCT will have some bat detectors and/or laptops on loan for the duration of these particular courses, but it helps us if you can indicate on the booking form if you will be bringing.

Some courses may require additional equipment – this will be specified in confirmation letters and course packs.

## In-house courses

Some of the courses offered can be run specifically for your company or group on request, if we have tutors available and it can be fitted into the training programme. If you have 15 or more people attending and have a suitable training venue, it is likely to be more cost-effective. *Arboriculture and Bats*, *Bats for Building Professionals*, *Bats and Bridges and Designing Buildings for Biodiversity* can all be run in this way. Please contact **Dave Sutton** (see contact information) if you would like more details.

## Accommodation

The prices shown for courses at FSC Centres will be for a single room unless specified. If you opt for a shared room at these venues a discount is available but please indicate this on the booking form. If accommodation is available at other, non-FSC, venues the cost will be indicated.



*Natterer's bats*



*Grey long-eared bat*

## New courses for 2012

For 2012, the Bat Conservation Trust (BCT) has developed a new range of training courses for those undertaking professional bat work. These courses are designed around the latest developments and standards, linking directly to BCT's new *Professional Training Standards for Consultants/Ecologists* and updated *BCT Bat Survey Guidelines*.

## What are the Professional Training Standards for Consultants/Ecologists?

The professional training standards outline the skills and knowledge required of individuals who undertake professional bat work.

The standards are divided into sections:

1. Foundation knowledge
2. Legislation, licensing and planning
3. Preparation and planning of surveys
4. Survey techniques and equipment
5. Bat identification
6. Interpreting and data impact assessment
7. Mitigating for development impacts
8. Bat handling
9. Communication

Within each section skills and knowledge are divided into levels of difficulty to illustrate the stages of training of a professional bat consultant:

**Level one:** To independently and competently undertake professional surveys involving bats

**Level two:** In addition to the above, to independently and competently lead survey teams/design surveys and mitigation

The training courses featured in this brochure can therefore aid individuals who are working towards these levels. For more information about how each course links to these standards please visit the training section of our website **[www.bats.org.uk/training](http://www.bats.org.uk/training)**

The Professional Training Standards are due to be published in 2012.

# Bat Ecology and Conservation

New  
for  
2012

## Target audience

**Ecological consultants – Foundation level**

This one day course is designed for those new to bat work. You will be given a comprehensive foundation to bat biology, ecology and conservation. You will learn about the different UK species, range and distribution, bat conservation and threats, bat taxonomy, physiological adaptations, life histories, foraging ecology, life-cycle, roosting requirements and bat identification.

## Course content includes:

- Bat taxonomy
- UK species, range and distribution
- Bat species identification
- Bat physiology including adaptations to flight, echolocation, energetics
- Life histories including life-cycle, mating strategies, pup development, roost composition and requirements, social behaviour
- Feeding behaviour
- Bat conservation and threats



© BCT

**Prior knowledge:** None

**Equipment:** None

## Dates and venues

16 April	Juniper Hall FSC Centre, Surrey
16 July	Clumber Park, Nottinghamshire
31 July	Lackham Countryside Centre, Wiltshire

**Cost:** £165

**Discounts:** £5 for BCT members

## Surveying for Bats



### Target audience

**Ecological consultants – Foundation level**

This course is an ideal follow-up to *Bat Ecology and Conservation* and will give you the knowledge and skills to plan professional bat surveys, as well as learning practical survey skills and field sign identification. Over two days you will cover survey objectives, desktop and scoping surveys, health and safety, identifying appropriate survey techniques, survey skills, field signs, architectural terms and assessment of roosts.

### Course content includes:

- Identifying survey objectives
- Planning surveys, including desktop and scoping surveys
- Resource planning and costings
- Health and safety, including risk assessments
- Identifying appropriate survey techniques to meet survey objectives
- Survey skills and field signs, including droppings
- Building construction and architectural terms
- Case studies and practical roost visits



© A. Wellbelove

**Prior knowledge:** Designed as follow-up to *Bat Ecology and Conservation*. If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** Bat detectors. A full list of required equipment will be sent with pre-course pack.

### Dates and venues

12-13 May	Nettlecombe FSC Centre, Somerset <sup>#</sup>
1-2 August	Lackham Countryside Centre, Wiltshire
3-4 September	Clumber Park, Nottinghamshire

<sup>#</sup> residential available

For all non-residential courses we will send you a list of local accommodation with your confirmation letter.

**Cost:** £350 Non-residential; £398 Residential shared accommodation; £408 Residential single accommodation.

**Discounts:** £5 for BCT members



# Interpreting Your Bat Surveys

New  
for  
2012

## Target audience

**Ecological consultants – Foundation level**

This two day course is essential for consultants to gain an understanding of current legislation, planning policy and licensing, and how it impacts on their work. Participants will learn how best to interpret survey results and how to assess the value of a site and the impact of proposed small-scale works. This course will also give you an overview of the principles of designing/implementing a suitable mitigation scheme, and the importance of monitoring.

## Course content includes:

- Legislation
- Development planning
- Licensing
- Interpreting survey results
- Assessing value and impact
- Avoidance, mitigation and compensation (an introduction)
- Monitoring
- Case studies



© Abbie Patterson

**Prior knowledge:** Designed as follow-up to *Surveying for Bats*. If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** A list of required equipment will be sent with the pre-course pack.

## Dates and venues

11-12 June	Juniper Hall FSC Centre, Surrey
3-4 August	Lackham Countryside Centre, Wiltshire
25-26 October	Malham Tarn FSC Centre, N. Yorkshire

**Cost:** Non-residential £320

**Discounts:** £5 for BCT members

Please note that all the *Interpreting Bat Surveys* courses are non-residential. For these courses, we will send you a list of local accommodation with your confirmation letter.

## Anabat Courses



### Target audience

**Ecological consultants – Beginner, intermediate and advanced level**

These courses have been developed and are delivered by **Dr Sandie Sowler** and offer three levels of Anabat training to suit all users, from beginners to the more experienced.

**Anabat level 1:** A one day course for first time users of Anabats to include Anabat set up, CF card programming, field use, understanding echolocation in relation to sonograms, use of the Analook program, analysis of sound files and extraction and documentation of data. An initial call library of commuting calls is provided for attendees.

**Anabat level 2:** A course for people who are familiar with Anabat but want experience using the Analook program. To include evening data gathering using Anabats and morning use of Analook program, analysis of sound files, extraction and documentation of data, use in connection with GPS and latest developments. An initial call library of commuting calls is provided for attendees.

**Anabat level 3:** For those who have been using Anabat and Analook but want to improve their skills in terms of difficult sonograms and social calls. A call library of social calls is provided for attendees.

Attendees must have the following when booking on these courses:

- a laptop with MS Word (not Mac), and not protected so that software can be loaded onto it
- a usb drive
- an anabat and cf card
- a cf card reader
- outdoor clothing for level 2



©CBT

Course content includes:	Level 1	Level 2	Level 3
<b>Modular elements of all Anabat Courses</b>			
<b>How bats use echolocation</b> and Anabat deployment, usage and constraints (full version)	✓		
<b>How bats use echolocation</b> and Anabat deployment, usage and constraints (short version)		✓	✓
<b>Introduction to Anabat</b>	✓		
<b>Anabat set up</b>	✓		
<b>Commercial uses of Anabat</b> including Frequency Division v Time Expansion	✓		
<b>Analook basics and practical use</b>	✓	✓	
<b>Analook advanced</b> – Setting Filters & Scans and their application		✓	
<b>Difficult sonograms, social calls, other vocalisations</b> and use of slope as an ID tool along with Fknee and Tknee			✓
<b>Practical field usage of Anabats</b> and workshop to identify calls		✓	
<b>Use of GPS</b>		✓	
<b>Key to identification of bat species from sonograms</b> – The basics	✓	✓	
<b>Workshop to work through attendees’ ‘difficult calls’</b>			✓

Courses aimed at consultants – Foundation level

## Dates and venues

6 June	Highgate Road Chapel, London (level 1)
7 June	Highgate Road Chapel, London (level 2)
8 June	Highgate Road Chapel, London (level 3)
27 June	The Collingwood Centre, Birmingham (level 1)
28 June	The Collingwood Centre, Birmingham (level 2)
23 August	Emerson Green Village Hall, Bristol (level 3)

If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Cost:** £180 per course. Maximum 10 people.

**Discounts:** £5 for BCT members

## Bat Detectors and Sound Analysis – Level One

### Target audience

**Ecological consultants – Foundation level**

This two-day course is aimed at professionals or interested amateurs and will focus on analysis of calls recorded on broadband time expansion or frequency division bat detectors. BatSound will be the primary software utilised (other options may be covered if time).

### Course content includes:

- UK bat calls recorded on time expansion and frequency division detectors\*.
- How to use the software to;
  - analyse field recordings
  - measure call parameters
  - compare to published results
  - understand common ways that call sequences vary
- Practical sessions in the classroom and field

**Prior knowledge:** Designed as follow-up to *Surveying for Bats*.

**Equipment:** Frequency division/time expansion detectors, recording equipment and laptops.

\*Anabat systems will not be covered in this course.

### Dates and venues

26-27 April                      Preston Montford FSC Centre, Shropshire

1-2 August                        Nettlecombe FSC Centre, Somerset<sup>#</sup>

<sup>#</sup> residential available

For all non-residential courses we will send you a list of local accommodation with your confirmation letter.

**Cost:** £325 Non-residential;  
£373 Residential shared  
accommodation;  
£383 Residential single  
accommodation.

Maximum 15 people

**Discounts:** £5 for  
BCT members



©Charlotte Liggett

# Training Courses for Professionals 2012 Booking Form

## PAYMENT

Total course price  
(from overleaf)

Total deductions  
(see course listings for discounts)

- BCT member    AA member  
 Shared occupancy room (only applicable to residential FSC courses)

Membership  
(see below for details)

I enclose a cheque

Additional donation

Please send me a receipt

TOTAL AMOUNT DUE

Please send me an invoice (Order no: )

Please note that invoices are only available for courses over £50.  
Please make cheques payable to 'Bat Conservation Trust.'

Credit/Debit Card:  Visa    Visa Debit    Mastercard    Maestro

Card Number

Valid from

Valid to

Security code

Issue number  
(Maestro only)

Signature

Name on card

Please note that cancellation charges may apply if you cancel your place (see terms and conditions).

# Training Courses for Professionals 2012 Booking Form

To book your place, please return the completed form to: Dave Sutton, Bat Conservation Trust, Quadrant House, 250 Kennington Lane, London SE11 5RD. Fax: 020 7820 7198.

Please fill in both sides of the booking form to ensure we have the correct payment information. Please use a separate booking form for each participant.

Course title	Date(s)	Venue	Residency (if applicable)	Price (without discounts / additions)
<input type="text"/>	<input type="text"/>	<input type="text"/>	Res <input type="checkbox"/> Non-res <input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	Res <input type="checkbox"/> Non-res <input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	Res <input type="checkbox"/> Non-res <input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	Res <input type="checkbox"/> Non-res <input type="checkbox"/>	<input type="text"/>
TOTAL:				<input type="text"/>

The Introductory Bat Detector workshops are aimed at those volunteering for the National Bat Monitoring Programme. To sign up, please tick the box and you will be sent more information on the different surveys.

## Personal details

Title:  First name:  Surname:

Organisation:

Job (if relevant to course):

Bat group (if member):

Contact address:

Daytime telephone:

Mobile telephone:

Email:

Please tick if you are happy to receive information by email.  
e.g. the training brochure.

Where did you first hear about the course(s)?

### Other requirements/information

Please tick any boxes that are applicable:

Vegetarian (no meat/fish)  Vegan (no meat/fish/eggs/dairy)  Other requirements (please detail below)

Do you have any special needs: disability access/dietary/allergies/etc that we need to take into account? Please detail here or contact us directly:

Please tick box if you do not want your contact details sent out to other participants prior to the course.

I will be bringing a bat detector to the course. Type (if known)

We may need to use participants' cars during the course. Would you be willing to use your car for transporting yourself and others?  
Yes  No  (please tick no if not coming by car!)

### Previous bat surveying experience

Please outline any course, training and experience in bats you have, particularly where your chosen course requires prior knowledge/experience:

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# Join the Bat Conservation Trust today and get a course discount

Joining the Bat Conservation Trust is the ideal way to show your support for bats and help us to protect these amazing animals and their habitats for future generations to enjoy. In addition to discounts on training courses, as a member you will also receive a range of exclusive benefits including a subscription to our membership magazine and a Bat Pack, featuring a host of batty information and goodies.

If you are already a BCT member, why not sign up a friend or family member who loves bats?

**Name and address** (if different to overleaf)

Name: ..... Email: .....

Address: .....

Postcode: .....

## Select a membership category

- Individual £30
- Family £36 (Up to 2 adults and 2 named children at the same address)
- Benefactor £60 (Your greater contribution will help bats even more)
- Life Membership\* £600 (one off fee) Also receive a certificate and life membership pin badge.
- Please tick here if you would like more information about our Corporate Membership scheme.

## How to pay

Please pay by card using the payment page adjacent or enclose a cheque made payable to Bat Conservation Trust. (Membership is also available on annual and monthly Direct Debit please visit [www.bats.org.uk/join](http://www.bats.org.uk/join) for further information) Please note that we cannot invoice for membership fees.

*giftaid it*

Use Gift Aid to make the money you give worth more! For every £1 you give to BCT, we can currently claim around a quarter of that back in Gift Aid tax relief. There's no extra cost to you and the process is easy. Simply sign below to Gift Aid this, and all future membership subscriptions and donations. To qualify for Gift Aid, what you pay in income tax must at least equal the amount claimed by BCT on your donations in the tax year (currently 25p for every £1 donated).

Signature: ..... Date: .....

## Data Protection

Your details will never be passed to outside organisations without your prior agreement. We may occasionally send you further details of our work. If you would prefer not to receive this, please tick here.  For Planning for Protected Species course only, your personal details will also be held by The Mammal Society and will not be passed to any outside commercial or non-commercial organisations without your prior agreement. Please tick box if you do **not** want to receive further mailings from The Mammal Society.  \*Life membership will continue as long as BCT exists as an entity

# Surveying Built Structures

New  
for  
2012

## Target audience

**Ecological consultants – Intermediate level**

This two-day course will allow participants to build on knowledge gained at other courses, and will provide an understanding of built structures and the techniques needed to survey them effectively. The course will comprise some theoretical classroom sessions, a daytime visit to a local barn, bridge and church and an evening practical exercise.



## Course content includes:

- Construction of barns, churches and bridges
- Use of these structures by bats
- Survey techniques and equipment for these structures and their surroundings
- Identification of potential roost sites
- Practical assessment exercise of all three structures



© Conor Kelleher

**Prior knowledge:** Please note that this is not a basic level course, it is assumed that participants will have attended *Bat Ecology and Conservation*, *Surveying for Bats* and *Interpreting Your Bat Surveys*, or have the equivalent skills and knowledge. If you are unsure as to whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** Bat detectors. A full list of required equipment will be sent with the pre-course pack.

## Dates and venues

16-17 August      Writtle College, Essex

For all non-residential courses we will send you a list of local accommodation with your confirmation letter.

**Cost:** £350 Non-residential; £410 Residential accommodation. Maximum 15 people.

**Discounts:** £5 for BCT members

© Amanda Adebisi

Courses aimed at consultants – Intermediate level

## Surveying Trees

### Target audience

**Ecological consultants – Intermediate level**

This one-day course aimed at consultants will allow participants to build on knowledge gained on other courses, and will provide an understanding of trees and the techniques needed to survey them effectively. The course will comprise some theoretical classroom sessions and a practical exercise.

### Course content includes:

- Legislation in respect of trees and bat roosts
- Use of trees by bats
- Survey methodologies
- H&S requirements for safe tree surveys
- How to recognise signs of bat usage in trees
- Evaluation of potential tree roosts
- An initial tree survey for bat roosts and use of appropriate survey equipment



© Jules Agate

**Prior knowledge:** Please note that this is not a basic level course, it is assumed that participants will have attended *Bat Ecology and Conservation*, *Surveying for Bats* and *Interpreting Your Bat Surveys*, or have the equivalent skills and knowledge. If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** A list of required equipment will be sent with the pre-course pack.

### Dates and venues

20 March	Hinchingbrooke Country Park, Cambridgeshire
20 November	Bewerley Park, N. Yorkshire
3 December	Richmond Park, Surrey

**Cost:** £165. Maximum 15 people.

**Discounts:** £5 for BCT members



# Planning and Designing Large Scale Surveys



## Target audience

**Ecological consultants – Intermediate level**

This one-day course aimed at consultants will allow participants to build on knowledge gained on other courses, and will provide an understanding of the considerations required to plan and design large scale surveys. This course will look at the types of large scale developments that may be encountered, specific legislation and planning requirements for these sites, assessing the extent of surveying and identifying the techniques to use to ensure sufficient data is collected to sufficiently assess the potential impacts.

## Course content includes:

- Introduction to large scale development
- Planning and legislation
- Assessment, preparation and planning
- Survey techniques and standards
- Interpreting results
- Case studies



Photos ©Roger Martindale

## Prior knowledge:

Please note that this is not a basic level course, it is assumed that participants will have attended *Bat Ecology and Conservation*, *Surveying for Bats* and *Interpreting Your Bat*

*Surveys*, or have the equivalent skills and knowledge. If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** A list of required equipment will be sent with the pre-course pack.

## Dates and venues

5 September                      Clumber Park, Nottinghamshire

**Cost:** £165

**Discounts:** £5 for BCT members

## Mitigation



### Target audience

**Ecological consultants – Intermediate level**

This one day course has been developed, and is delivered, by **Dr Sandie Sowler**, from published examples and from her own experience gained over more than 25 years involved in bat survey, mitigation and conservation. It is intended for consultants and planning authority ecologists who would like an in depth look at bat mitigation strategies that both have and haven't worked, over the past 10 years and encompassing most bat genera.

### Course content includes:

- Mitigation types
- Mitigation by species and project type
- Examples of successful and unsuccessful strategies
- Future for bat mitigation

**Prior knowledge:** Please note that this is not a basic level course, it is assumed that participants will have attended *Bat Ecology and Conservation, Surveying for Bats* and *Interpreting Your Bat Surveys*, or have the equivalent skills and knowledge. If you are unsure about whether this course is the appropriate level, please contact **Dave Sutton** at BCT.

**Equipment:** A list of required equipment will be sent with the pre-course pack.

### Dates and venues

26 June	Collingwood Centre, Birmingham
10 August	Hinchingbrooke Country Park, Cambridgeshire

**Cost:** £165

**Discounts:** £5 for BCT members

Ashton Court



External mitigation at Ashton Court

# Bat Detectors and Sound Analysis – Level Two

## Target audience

**Ecological consultants – Intermediate level**

This one day course is aimed at consultants, advanced amateurs or graduate students using time expansion equipment and builds on the skills and knowledge acquired in *Bat Detectors and Sound Analysis – Level One*. This course is for those with a good working knowledge of the use of bat detectors who wish to gain a more advanced understanding of bat detector survey tools and techniques to aid in undertaking professional bat surveys and interpreting results.

## Course content includes:

- Advanced species identification
- Equipment and techniques for surveying and identifying bats from their echolocation calls.
- Case-studies to illustrate different survey techniques
- Choosing optimum survey equipment and methods
- Statistical techniques

**Prior knowledge:** Participants should have built up a good working knowledge and experience of the use of bat detectors prior to the course. Although focused on time-expansion, the principles will also be of use to those using Anabat or frequency division techniques.

**Equipment:** Laptops and any recordings that participants have made.



## Dates and venues

9 May Highgate Road Chapel, London  
22 August The Collingwood Centre, Birmingham

**Cost:** £165

**Discounts:** £5 for BCT members

## Arboriculture and Bats: A Guide for Practitioners

### Target audience

#### Arborists

This introductory one day course for arborists, developed by the Bat Conservation Trust and the Arboricultural Association, will help you to carry out tree works with consideration of the potential effects on bats and their habitats. The course counts towards Arboricultural Association CPD requirements and participants will receive a Lantra Awards attendance certificate. Please note that this is a basic awareness course – it will not give arborists the knowledge and skills to carry out full bat surveys.

### Course content includes:

- Bat biology
- Bat ecology
- Bats and the law
- Potential tree roost recognition
- Where to go for help
- Emergency procedures
- Practical exercise

**Prior knowledge:** None required

**Equipment:** None

### Dates and venues

23 March	Easton College, Norfolk
17 April	Juniper Hall FSC Centre, Surrey
25 May	Margam Park FSC Centre, Glamorgan
6 July	Hinchingbrooke Country Park, Cambs
10 August	Nettlecombe FSC Centre, Somerset
25 September	Bewerley Park, N. Yorkshire
12 October	Harcourt Arboretum, Oxfordshire
1 November	Richmond Park, Surrey



© Jules Agate

**Cost:** £165

**Discounts:** £5 for BCT members and £5 for Arboricultural Association members.

# Arboriculture and Bats: How to use a Fibrescope

## Target audience

### Arborists

Aimed at arborists who already have a basic understanding of the issues surrounding bats and trees, this one day course goes beyond the visual survey taught in the introductory course. You will explore in more depth the practical skills needed in the field, the methods that can be used to look for evidence of bats, learn the appropriate use of fibrescopes and be given guidance on what can and cannot be done without a bat licence. Prior knowledge and skills are required and can be gained by attending *Arboriculture and Bats: A guide for practitioners*.

Please note that this course does not provide adequate training to gain a bat licence.

## Course content includes:

- Revision of bat ecology, biology and the law
- Tree roost recognition and basic visual assessment of trees for bat roosts
- Introduction to a method statement on how to use fibrescopes in bat work
- Fibrescopes: costs, range and how to use for bat work
- Where to go for help and emergency procedures
- Practical exercises on how to use a fibrescope

**Prior knowledge:** Previous attendance of BCT's *Arboriculture and Bats: A Guide For Practitioners* course (if you are unsure as to the level of experience required please contact **Dave Sutton** at BCT to check).

## Dates and venues

18 April	Juniper Hall FSC Centre, Surrey
2 November	Richmond Park, Surrey



© Jules Agate

**Cost:** £165

**Discounts:** £5 for BCT members.

## Bats for Building Professionals

### Target audience

**Builders, surveyors, pest controllers, construction, roofing & insulation industry**

This course is aimed at anyone who is responsible for buildings and their renovation/development/maintenance, and at those who carry out the above. This includes builders, surveyors, architects, pest controllers, and others. This awareness course will ensure that participants are aware of their responsibilities with regards to bats and are also able to recognise the basic signs of potential roosts.

### Course content includes:

- Bat biology and ecology
- Bats in buildings: where, when, which bats, evidence of bats
- Taking account of bats
- Best practice and case studies

**Prior knowledge:** None required.

**Equipment:** None

### Dates and venues

Dates and venues will be posted on the website and via the e-Bulletin in 2012.

Please note: if you are interested in running this as an in-house course, we have slightly adapted versions of the course which are more suitable for those working with heritage buildings, those involved in maintenance or those involved in pest control. We can also provide a more basic half-day day course. BCT is happy to tailor this course to meet the needs of your company/organisation.



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# Designing Buildings for Biodiversity: A Course for Architects



## Target audience

**Architects and building designers**

The move towards air tight buildings has meant that many of the traditional spaces used by wildlife, such as birds and bats, are no longer provided for in new buildings. This course explores many of the considerations, principles and techniques available to design and build biodiversity-friendly buildings.

## Course content includes:

- Basic bat and bird ecology
- Planning and protected species
- Basic principles
- Technology and design
- Case-studies

## Dates and venues

2 October

Roots and Shoots Study Centre, London

**Cost:** £180

**Discounts:** £5 for BCT members  
If you are interested in running this as an in-house course please contact **Dave Sutton** at BCT for more information. We are happy to tailor this course to meet the needs of your company / organisation.



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## Bats and Bridges: An Awareness Course

### Target audience

**Bridge engineers, bridge maintenance and management staff, construction industry**

This new one day course seeks to raise awareness of bats amongst individuals responsible for the maintenance and management of bridges. The course has been designed to ensure that participants are aware of their responsibilities with regards to bats and are also able to recognise the basic signs of potential roosts within bridge structures.

### Course content includes:

- Bat biology and ecology
- Spotlight on bats in bridges – how and when they use them
- Taking account of bats
- Site visit – guidance on how to recognise basic signs of *potential* roosts.
- Discussion of specific case studies

**Prior knowledge:** None required

**Equipment:** None

### Dates and venues

26 March

Clumber Park, Nottinghamshire

**Cost:** £165

**Discounts:** £5 for BCT members.

If you are interested in running this as an in-house course please contact

**Dave Sutton** at BCT for more information. We are happy to tailor this course to meet the needs of your company/organisation.



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# Planning for Protected Species

## Target audience

### Local authority planners

BCT and The Mammal Society have developed a one-day course to enable land use planners to deal with protected species issues in their day to day role, both in forward planning and development control.

## Course content includes:

- Defining protected species
- Legislation and policy: implications for planners
- An introduction to the planning issues relating to protected species
- Role play and discussion of case studies
- Practical advice and information



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## Dates and venues

Dates and venues will be posted on the website and via the e-Bulletin in 2012. If you/your planning department might be interested in hosting a course for planners in your region, please contact **Dave Sutton** at BCT.

**Cost:** £165

**Discounts:** £5 for BCT members.



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# National Bat Conference 2012



Photos ©Crystal Schintz

The Bat Conservation Trust invites you to join us for the biggest event in the bat calendar! The 2012 National Bat Conference will be held at the University of York on 14-16 September. Please follow the link: [www.bats.org.uk/conference](http://www.bats.org.uk/conference) for more details and to book your place.