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## **Biology:Applied 2010**

Here at Burnham House we spend a lot of time helping young people of all ages learn about the natural world. Following the success of the last five years, in 2010 we would again like to offer a course to the brightest A-level biology students to complement the work of the sixth form. We have devised a new series of practical sessions aimed at exposing students to biology in action.

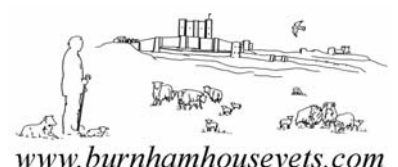
Sessions will run on Tuesday evenings between 4.30 and 6pm, from late January 2010 until Easter, when the course will finish with an unusual field trip! To give you an idea of what we will cover, here are some of the sessions run in previous years:

- Comparisons of mammalian and avian haematology
- Bacterial culture, antibiotics and resistance
- Ecosystems and human interference
- Bone structure and function
- ECG readings and cardiac function
- How do birds fly?
- Dissection and comparative anatomy
- New drug discovery and development
- Mechanisms of mammalian labour
- Wild animals in captivity: conservation and welfare

Students are usually, but certainly not always, aiming for careers in human or veterinary medicine; or fields such as conservation work or lab-based science. We can only take a few committed students as all sessions will be based around practical work and informal directed discovery around a table or on a field visit. The practice is used to having young visitors and has the necessary procedures and insurance in place for such a course. We appreciate the burdens on teaching staff and restrictions in the curriculum and see this as a way of providing a practical, enlightening, diverse view of natural science.

Application forms are available on the Burnham House website at [www.burnhamhousevets.com](http://www.burnhamhousevets.com) and should be returned to Hannah Perrin, course organiser, at the Castle Street surgery by 31<sup>st</sup> December 2009. For any further information please email [hannah@burnhamhousevets.com](mailto:hannah@burnhamhousevets.com).

We look forward to hearing from you.



[www.burnhamhousevets.com](http://www.burnhamhousevets.com)