

Writtle College Library

Subject Guide Animal Science



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This guide is intended to highlight only the main information sources for Higher Education Animal Science students – there may be other areas of the Library which are useful.

The main types of materials are books, journals and media resources. Please do not hesitate to ask for help and advice as needed when using the library

Books

Books are arranged under the Dewey class system (which runs from 000-999) each subject area has its own number for example, Animals 636

Quick Classification Guide

Animal anatomy	591.4
Animal behaviour	591.51
Animal law	346.046954
Animal physiology	571.1 & 591.1
Animal welfare/Ethics	179.3
Biochemistry	572
Biology	574
Biostatistics	519.5
Birds (other than poultry)	636.6
Cattle	636.2
Cats	636.8
Cell biology	571.6
Dogs	636.7
Ecology	577 & 574.5
Genetics	576.5
Histology	571.5
Horses	636.1
Immunology	571.96
Life sciences	570
Livestock breeding	636.082
Microbiology	579
Molecular biology	572.8
Pigs	636.4
Poultry	636.5
Reptiles & Amphibians	636.39
Sheep	636.3

Small animals/Companion animals	636.9
Veterinary nursing	636.9089073
Veterinary science	636.089
Zoology	591

Dictionaries, directories, manuals etc

- Blacks Veterinary Dictionary
- Dictionary of animal behaviour
- Dictionary of veterinary nursing
- Dictionary of zoology
- Encyclopedia of animal behaviour
- Encyclopedia of farm animal nutrition
- The feeds directory
- The Henston companion animal veterinary Vade Mecum
- The Henston small animal veterinary Vade Mecum
- Merck Veterinary Manual

Journals/Magazines

Journals and magazines are arranged in alphabetical order by title. They contain specialised articles and are a good source of information on current research and practice. Some are indexed and/or have contents pages. This is not an exhaustive list and other library journals may be of use for your course as many cross over.

Key print journals/magazines

- | | |
|---------------------------------------|--|
| • Animal | • Australian Veterinary Journal |
| • Animal Behaviour | • Biological Sciences Review |
| • Animal Conservation | • British Veterinary Journal |
| • Animal Science | • Cattle Practice |
| • Animal Welfare | • European Journal of Companion
Animal Practice |
| • Anthrozoos | • In Practice |
| • Applied Animal Behaviour
Science | • Journal of Animal Science |

- Journal of Applied Animal Welfare Science
- Journal of Dairy Science
- Journal of Small Animal Practice
- Journal of Zoology
- Livestock Science
- New Scientist
- Parasitology
- Reproduction
- Veterinary Nursing Journal
- Veterinary Record
- Zoo Biology

We have many more journals accessible in print and online in the library and via the library page on Moodle.

Free online e-journals

Government Veterinary Journal	http://www.defra.gov.uk/gvs/publications/gvj/
International Journal of Applied Research in Veterinary Medicine	http://www.jarvm.com/
Journal of Veterinary Medicine & Animal Health	http://www.academicjournals.org/JVMAH/
Research Journal of Animal & Veterinary Sciences	http://www.insipub.com/rjavs.html
Veterinary Sciences Tomorrow	http://www.vetscite.org/

Electronic Journals

Electronic journals we have a subscription to are available through

EBSCO Host Electronic Journals	http://ejournals.ebsco.com/home.asp
Science Direct	http://www.sciencedirect.com/

E-Books

In addition to traditional printed books we also have access to a growing number of electronic books or e-books.

Dawsonera

Dawsonera	http://www.dawsonera.com/
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Dawsonera is a collection of around 200 e-books covering a wide range of subject areas. In addition to the purchased titles which are available for 24 hour download, 66,000 further full-text titles are available for 5 minute previews. You will need your Athens username and password to access Dawsonera.

Free Online E-Books

Google Books	http://books.google.com/
International Veterinary Information Service	http://www.ivis.org/home.asp
The Internet Public Library	http://www.ipl.org/div/books/

Dissertations

The Library has copies of Undergraduate 1st and 2.1 dissertations completed at Writtle College. They are included on the Library catalogue and it is possible to limit your search just to look for theses. They are all held in the short term loan room in alphabetical order.

Electronic/Media Information

Computers are available for use at all times during library opening hours. All machines run Microsoft Office, Internet and many other applications.

The libraries online catalogue (OPAC) can be used to locate specific books and journals that are relevant to your course. A link is available from the library pages of Moodle or via the college website; you can also access it from the following direct link – <http://library.writtle.c.uk> you can find out here if items are available and where to find them on the shelves, you can also view your record to renew and reserve items.

Key DVDs

DVDs provide information on a wide range of topics. Some potentially useful ones include:

- Animal Behaviour: Mechanisms of Imprinting
- Animal welfare aspects of good agricultural practice: pig production
- Artificial insemination
- Assessing Dog Temperament
- British Birds Interactive
- Clicker Train your Dog
- Cytology
- Dog fertility testing (semen evaluation)
- Farm animals & us
- Farm animal welfare
- How to Control Your Dog
- Life of Birds
- Life of mammals
- Puppies : the first six weeks
- Shaping the guide dog : theory into practice
- Sheep ectoparasite control
- Stimulus Response
- Stamping out lameness : a practical guide for sheep owners
- Trials of Life
- Whelping

For more information on other services offered by the library, e.g. photocopying, computing and I.T, please ask a member of staff in the library or refer to the information for new users guide on the library pages of Moodle.

<http://moodle.writtle.ac.uk/>

Online Resources

Databases

To find journal articles online, you may use the databases the library subscribes to. Usually the database does not lead you to the full text article but acts like an index finding the reference i.e. the title, author, volume, issue, page numbers and an abstract.

A database service will help you to identify resources that can be found in the library and elsewhere and is a good place to start when doing assignments and dissertations.

If we do not hold the required resource it is possible for us to get it on Inter Library Loan (ILL) (please ask at the library counter or see the ILL guide on the library pages of Moodle <http://moodle.writtle.ac.uk>)

Relevant databases for Animal Science students: available under databases and gateways on the library pages of Moodle – <http://moodle.writtle.ac.uk>

- **Web of Science: Science Citation Indexes and Social Science Citation Indexes Online**

This database indexes over 4600 core science and social science journals from 1981 onwards. References contain bibliographies allowing searching for cited authors or works.

- **Business Source Premier**

Business Source Premier is a major business research database, providing the full text of more than 2,300 journals, including over 1,100 peer-reviewed business publications. The database also includes other sources of full text information such as country economic reports from the EIU, market research reports, industry reports, country reports, SWOT analyses and detailed company profiles for the world's 10,000 largest companies.

Articles without full text: you will probably find some useful references without full text. You can order these for a small charge using our Inter Library loan services accessible via the Library counter or the library page of Moodle.

Relevant online databases (with free information)

BioMed Central	http://www.biomedcentral.com/
Directory of Open Access Journals	http://www.doaj.org/
Google Scholar	http://scholar.google.co.uk/
Open Science Directory	http://www.opensciencedirectory.net/
UK PubMed Central	http://ukpmc.ac.uk/

British Standards

You can search for British Standards online but full text will not be available.

British Standards Online <http://www.bsi-global.com/>

We keep the most relevant standards upstairs in the library. The Chelmsford public library holds the full series and can be viewed once you have become a member.

Essex <http://www.essexcc.gov.uk/vip8/ecc/ECCWebsite/dis/cha.jsp?channelOid=15524>
Libraries

Subject Gateways/Institutional Repositories

BUBL Information Service	http://www.bubl.ac.uk
Intute	http://www.intute.ac.uk
Intute Virtual Learning Suite	http://www.vts.intute.ac.uk/
Registry of Open Access Repositories	http://roar.eprints.org/index.php
Medline Plus	http://www.medlineplus.gov

Current Awareness

There is inevitably some delay between the publication of an article in a journal and appearance in databases and printed abstracts. If you need to find details of recent articles, the following give very quick access to the contents of recent issues journals.

ZETOC - <http://zetoc.mimas.ac.uk>

The database comprises over 15 million article titles derived from the 20,000 most important research journals in the world, dating back to 1993. ZETOC Alert is a current awareness service that emails the contents pages of journals you have selected directly to you.

Science Direct Alert Service - <http://www.sciencedirect.com/science/alerts>

Offers a 'My Alerts' service which allows you to save searches and then schedule them to rerun at a chosen frequency. When new articles are found you will be sent an email alert with a direct link to the new search results. You need to register with Science Direct first. Please note this does not give you any further access to electronic journals. If you would like to access electronic journals on Science Direct please use your Athens password.

Useful websites/organisations

Animal health/welfare	
Animal Health Information Specialists	http://www.ahis.org/
Animal Welfare Information Centre	http://www.nal.usda.gov/awic
Animal Health Trust	http://www.aht.org.uk/

Animal Specific	
Feline Health Videos	http://www.vet.cornell.edu/fhc/video/index.htm
The Cattle Site	http://www.thecattlesite.com/
The Pig Site	http://www.thepigsite.com/
The Poultry Site	http://www.thepoultrysite.com/

Associations / Organisations	
American Society of Animal Science (ASAS)	http://www.asas.org/
American Veterinary Medical Association	http://www.avma.org.uk/
Animal Behaviour Society (ABS)	http://www.animalbehavior.org/
Animal Health Trust	http://www.aht.org.uk/
The Animal Welfare Science, Ethics and Law Veterinary Association (AWSELVA)	http://www.awselva.co.uk/
Association of British Wild Animal Keepers	http://www.abwak.co.uk/
Association of Pet Behaviour	http://www.apbc.org.uk/

Counsellors (APBC)	
Association for the Study of Animal Behaviour (ASAB)	www.societies.ncl.ac.uk/asab
British and Irish Association of Zoos and Aquariums	http://www.biaza.org.uk/
British Small Animal Veterinary Association	http://www.bsava.com
British Veterinary Nursing Association	http://www.bvna.org.uk/
Canine and Feline Behaviour Association (CFBA)	http://www.cfba.co.uk/
Companion Animal Behaviour Therapy Study Group (CABTSG)	http://www.cabtsg.org/
Companion Animal Welfare Council	http://www.cawc.org.uk/
Farm Animal Welfare Council (FAWC)	http://www.fawc.co.uk/
Federation of Veterinarians of Europe	http://www.fve.org/
The Institute of Zoology (IoZ)	www.zoo.cam.ac.uk/ioz
International Society for Applied Ethology (ISAE)	http://www.applied-ethology.org/
International Society for Behavioural Ecology (ISBE)	http://web.unbc.ca/isbe/index.htm
National Office of Animal Health (NOAH)	http://www.noah.co.uk/
Pet Care Trust	http://www.petcare.org.uk/
Pet Health Council (PHC)	http://www.pethealthcouncil.co.uk/
Pet Education, Training and Behaviour Council	www.PETbc.org.uk
RSPCA	http://www.rspca.org.uk/
Society for Companion Animal Studies (SCAS)	http://www.scas.org.uk/
Universities Federation for Animal Welfare	http://www.ufaw.org.uk/index.htm

General	
Animal Science Image Gallery	http://anscigallery.nal.usda.gov/
ARKive	http://www.arkive.org/

