

## Library Subject Guide - Natural Sciences - Biology

UOW Malaysia KDU Library collections can be found via Library catalogue either in print or electronic.

### 1. Quick Guide

#### 1.1. Call Number

Call numbers for Natural Sciences – Biology (QH301-705.5):

Call number	Subject
QH301-705.5	Biology (General)
QH359-425	Evolution
QH426-470	Genetics
QH471-489	Reproduction
QH501-531	Life
QH540-549.5	Ecology
QH573-671	Cytology
QH705-705.5	Economic biology

#### 1.2. Location of Call Number

The above call number of books of subject Natural Sciences - Biology listed in UOWM KDU Library. The books are mainly located at:

- Open shelf & Short Loan (Damansara Jaya Library)
- Open shelf (Teo Soo Pin Library, Glenmarie – First Floor)

##### 1.2.1. Search and locate Library materials

User can search the titles by using our webPAC (Online Public Access Catalogue) as a tool to locate what is in the Library. You search a catalogue to see what a library has and to know where to locate the item required.

Access to our webPAC with the link below:

<http://webpac.kdu.edu.my/search/query?theme=kdu>

Users can also use Advance Search if they have the information of the “Title” and “Author” of the book, or either one.

<http://webpac.kdu.edu.my/search/advanced?theme=kdu>

### 1.3. Search Guides

The following links will assist you to access the several guides on how to use:

- Web Public Access Catalogue

<https://library.uowmkdu.edu.my/index.php/how-to-use-online-catalogue>

- e-Database search tips

<https://library.uowmkdu.edu.my/index.php/the-e-databases-search-tips>

- Referencing and Citation

<https://library.uowmkdu.edu.my/index.php/referencing>

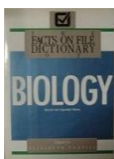
- Subject guide


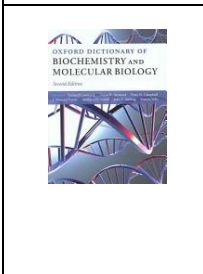
<https://library.uowmkdu.edu.my/index.php/subject-guides>

## 2. Reference

Reference materials such as dictionaries, encyclopaedias, and handbook can only be use inside the library.

### 2.1. Dictionaries & Encyclopaedias

Call Number	Titles
	<p><a href="#">Dictionary of biology</a>  <i>Call number: QH302.5 Dic 1993</i></p>
	<p><a href="#">A dictionary of biology</a>  <i>Call number: QH302.5 Dic 2000</i></p>
	<p><a href="#">The Facts on File dictionary of biology edited by Elizabeth Tootill</a>  <i>Call number: QH308.2 Fac 1988</i></p>

	<p><a href="#">A concise dictionary of biology.</a>  <i>Call number: QH302.5 Con 1990</i></p>
	<p><a href="#">Oxford dictionary of biochemistry and molecular biology by R. Cammack</a>  <i>Call number: QP512 Oxf 2006</i></p>

## 2.2. Periodicals (Magazines / Journals)

### 2.2.1. Printed Magazine / Journals

- National Geographic

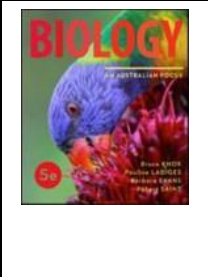

## 3. Books

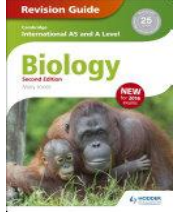

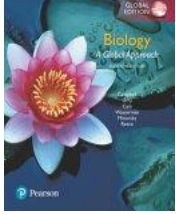
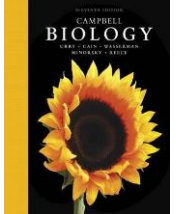
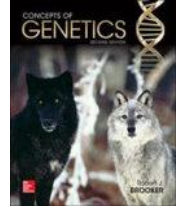

### 3.1. Library Books

Besides searching using Online Catalogue (webPAC), user can also search the titles available under Reading List for American Transfer Degree and Pre-University programme.

The link below will lead to the page where user can search using Course ID, Course Name, Programme Name, and Title.

<http://webpac.kdu.edu.my/reserves/search?theme=kdu>

<b>Titles / Authors</b>	<b>Titles</b>
	<p><a href="#">Biology: An Australian focus</a>  <i>Call number: QH308.2 Bio 2014</i></p>
	<p><a href="#">Cambridge International AS and A level biology: coursebook by Mary Jones</a>  <i>Call number: QH308.2 Cam 2014</i></p>

	<p><a href="#">Cambridge International AS and A level biology: revision guide by Mary Jones</a></p> <p>Call number: QH308.2 Jon 2015</p>
	<p><a href="#">Cambridge International AS and A level biology by C.J. Clegg.</a></p> <p>Call number: QH308.2 Cle 2014</p>
	<p><a href="#">Biology: a global approach by Neil A. Campbell</a></p> <p>Call number: QH308.2 Cam 2018</p>
	<p><a href="#">Campbell Biology by Lisa A. Urry</a></p> <p>Call number: QH308.2 Cam 2017</p>
	<p><a href="#">Concepts of genetics by Robert J. Brooker.</a></p> <p>Call number: QH430 Bro 2016</p>
	<p><a href="#">Applications of genetics by Jennifer Gregory.</a></p> <p>Call number: QH430 Gre 2000</p>

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### 3.2 e-Books

Ebook can be search in webPAC or use the following books collection to search for your topics.

- [ProQuest Ebook Central](#)
- [EBSCOhost eBook Collection](#)

### 3.3 Other Open Source e-Books Resources

- **Directory of Open Access Books**

This directory includes peer-reviewed books published under open access licenses by academic publishers.

<https://www.doabooks.org/>

- **InTech Open**

Leading global publisher of Journals and Books within the fields of Science, Technology and Medicine. Built by scientists, for scientists to provides a collaborative environment for peer-reviewed scientific content and book publishing of academic research, giving scientific thinking its home.

<https://www.intechopen.com/books>

- **LibreTexts**

A non-profit organization committed to freeing the textbook from the limitations and costs of traditional textbooks with open and freely accessible LibreTexts that can provide a more engaging learning experience for students without the financial burden.

<https://libretexts.org/index.html>

- **MIT OpenCourseWare textbooks**

An index to the online textbooks in MIT OpenCourseWare. Each link goes to a course or resource page that contains the textbook files.

<https://ocw.mit.edu/courses/online-textbooks/>

➤ **OER Commons**

Offers a comprehensive infrastructure and search tool for curriculum experts and instructors to identify high-quality OERs.

<https://www.oercommons.org/>

➤ **Open Course Library**

Dedicated to providing easy pathways for faculty to learn, find, share, use and apply OER for free.

<http://www.openwa.org/category/textbooks/>

➤ **Teaching Commons**

Brings together high-quality open educational resources from leading colleges and universities.

<https://teachingcommons.us/>

➤ **University of Hawai'i OER**

Free instructional materials anyone can customize for their own learning or teaching that comes in the form of textbooks, full courseware, and more.

<https://oer.hawaii.edu/>

➤ **Free Book Centre**

Freebookcentre.net contains links to thousands of free online technical books. Which include core computer science, networking, programming languages, Systems Programming books, Linux books and many more

<http://www.freebookcentre.net/>

➤ **Open Culture**

Open Culture scours the web for the best educational media. They find the free courses and audio books you need, the language lessons & educational videos you want, and plenty of enlightenment in between.

[http://www.openculture.com/free\\_textbooks](http://www.openculture.com/free_textbooks)

➤ **Open Textbook Library**

Provide textbooks that have been funded, published, and licensed to be freely used, adapted, and distributed. These books have been reviewed by faculty from a variety of colleges and universities to assess their quality.

<https://open.umn.edu/opentextbooks>

#### 4. Subscribed e-Databases

UOWM KDU Library subscribed databases can be found here:

<https://library.uowmkdu.edu.my/index.php/online-databases>

➤ **EBSCOhost (Academic Search Complete – ASC)**

Designed specifically for academic institutions, ASC is comprehensive, scholarly, and multi-disciplinary with more than 8,500 full-text periodicals, including nearly 7,300 peer-reviewed journals.

➤ **Emerald**

Emerald is a leading scholarly publisher in business and management. This database provides a comprehensive collection of 213 peer-reviewed management journals.

#### 5. Free Online Resources

Free online resources can be accessed through UOWM KDU library website via this link:

<https://library.uowmkdu.edu.my/index.php/external-links>

##### 5.1 e-Database

Database	Links
<b>Pubmed Central</b> It is a free full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM).	<a href="https://www.ncbi.nlm.nih.gov/pmc/">https://www.ncbi.nlm.nih.gov/pmc/</a>
<b>EBSCO Open Dissertation</b>	<a href="https://biblioboard.com/opendisertations/">https://biblioboard.com/opendisertations/</a>

<p>EBSCO Open Dissertations offer free for authors and participating institutions with the desired end of making significant open-access content more readily discoverable to end-users within and beyond academic institutions.</p>	
<p><b>Springer Open Access</b></p> <p>SpringerOpen journals and books are made freely and permanently available online immediately upon publication. They are subject to high-level peer review, author and production services ensuring quality and reliability of the work.</p>	<p><a href="https://www.springeropen.com/all-subjects?utm_source=website&amp;utm_medium=Referral&amp;utm_campaign=SpringerComSOPage">https://www.springeropen.com/all-subjects?utm_source=website&amp;utm_medium=Referral&amp;utm_campaign=SpringerComSOPage</a></p>
<p><b>Elsevier Open Access</b></p> <p>All articles in open access journals which are published by Elsevier have undergone peer review and upon acceptance are immediately and permanently free for everyone to read and download.</p>	<p><a href="https://www.elsevier.com/about/open-science/open-access/open-access-journals">https://www.elsevier.com/about/open-science/open-access/open-access-journals</a></p>
<p><b>BioMed Central</b></p> <p>A pioneer of open access publishing, BMC has an evolving portfolio of high quality peer-reviewed journals including broad interest titles such as BMC Biology and BMC Medicine, specialist journals such as Malaria Journal and Microbiome, and the <b>BMC Series</b>.</p>	<p><a href="https://www.biomedcentral.com/">https://www.biomedcentral.com/</a></p>
<p><b>MDPI Open Access</b></p> <p>MDPI is guaranteed through the free and unlimited accessibility of the publication over the Internet. It can freely access and download the full text of all articles published with MDPI:</p>	<p><a href="https://www.mdpi.com/about/openaccess">https://www.mdpi.com/about/openaccess</a></p>
<p><b>The Royal Society Publishing</b></p> <p>A fast, open access journal publishing high impact biology at the molecular and cellular level</p>	<p><a href="https://royalsocietypublishing.org/journal/rsob">https://royalsocietypublishing.org/journal/rsob</a></p>



<p><b>OMICS International Open Access</b></p> <p>OMICS committed to make genuine and reliable contributions to the scientific community without restricting the access of published content. The publisher hosts over 700+ leading-edge peer reviewed Open Access Journals and organizes over 3000 International Conferences all over the world.</p>	<p><a href="https://www.omicsonline.org/open-access-journals-list.php">https://www.omicsonline.org/open-access-journals-list.php</a></p>
<p><b>BMC Biology</b></p> <p>An open access journal publishing outstanding research in all areas of biology, with a publication policy that combines selection for broad interest and importance with a commitment to serving authors well.</p>	<p><a href="https://bmcbiol.biomedcentral.com/">https://bmcbiol.biomedcentral.com/</a></p>
<p><b>CORE</b></p> <p>CORE platform is to aggregate all open access research outputs from repositories and journals worldwide and make them available to the public</p>	<p><a href="https://core.ac.uk/">https://core.ac.uk/</a></p>
<p><b>Educational Resources Information Center</b></p> <p>An online library of education research and information. It provides a comprehensive, easy-to-use, searchable, Internet-based bibliographic and full-text database of education research and information for educators, researchers, and the general public.</p>	<p><a href="https://eric.ed.gov/">https://eric.ed.gov/</a></p>

## 5.2 e-Journals

e-Journals	Links
<p><b>Genome Biology and Evolution (GBE)</b></p> <p>GBE is a fully open access journal that publishes leading original research at the interface between evolutionary biology and genomics.</p>	<p><a href="https://academic.oup.com/gbe">https://academic.oup.com/gbe</a></p>

<p><b>African Journal of Biological Sciences</b></p> <p>An International peer-reviewed, open access journal that publishes original research articles as well as review articles in all areas of Biological Sciences.</p>	<p><a href="https://www.afjbs.com/">https://www.afjbs.com/</a></p>
<p><b>Yale Journal of Biology and Medicine</b></p> <p>A graduate and medical student-run, peer-reviewed, open-access journal dedicated to the publication of original research articles, scientific reviews, articles on medical history, personal perspectives on medicine, policy analyses, case reports, and symposia related to biomedical matters.</p>	<p><a href="https://medicine.yale.edu/yjbm/openaccess/">https://medicine.yale.edu/yjbm/openaccess/</a></p>
<p><b>International Journal of Biological Sciences</b></p> <p>A peer-reviewed open access scientific journal published by Ivyspring International Publisher. It publishes multidisciplinary research papers in general biology, biochemistry, genetics, biotechnology and related areas</p>	<p><a href="https://www.ijbs.com/">https://www.ijbs.com/</a></p>
<p><b>Journal of Applied Biology &amp; Biotechnology</b></p> <p>A peer-reviewed, open access journal, dedicated to rapid publication of original research, review articles, short communications on applied researches in various fields of biology.</p>	<p><a href="https://jabonline.in/">https://jabonline.in/</a></p>
<p><b>International Journal of Molecular: Open Access</b></p> <p>A highly peer reviewed open access journal, a reliable source of current knowledge on advancements in the field of molecular biology.</p>	<p><a href="https://medcraveonline.com/IJMBOA/">https://medcraveonline.com/IJMBOA/</a></p>
<p><b>Molecular Biology</b></p> <p>An academic journal provides an opportunity to share the information among the medical scientists and researchers. Aims to publish areas of the field and making them freely available through online without any restrictions or any other subscriptions to researchers worldwide.</p>	<p><a href="https://www.hilarispublisher.com/molecular-biology.html">https://www.hilarispublisher.com/molecular-biology.html</a></p>
<p><b>International Journal of Biology</b></p>	<p><a href="http://www.ccsenet.org/journal/index.php/ijb">http://www.ccsenet.org/journal/index.php/ijb</a></p>

<p>An international, double-blind peer-reviewed, open-access journal published by the Canadian Center of Science and Education. It publishes original research, applied, and educational articles in all areas of biology.</p>	
<p><b>Journal of Microbiology &amp; Biology Education</b> A free open access journal that features original, previously unpublished, peer-reviewed articles that foster scholarly teaching, and provide readily adoptable resources in biology education.</p>	<p><a href="https://www.asmscience.org/content/journal/jmbe">https://www.asmscience.org/content/journal/jmbe</a></p>
<p><b>Osti.Gov</b> It collect, preserve, and disseminate both unclassified and classified scientific and technical information (STI) emanating from DOE-funded research and development (R&amp;D) activities at DOE national laboratories and facilities and at universities and other institutions nationwide.</p>	<p><a href="https://www.osti.gov/">https://www.osti.gov/</a></p>
<p><b>International Journal of Marine Biology and Research</b> An International research journal which provides discovery, advancement and economic management of Aquatic Science</p>	<p><a href="https://symbiosisonlinepublishing.com/marine-biology-research/">https://symbiosisonlinepublishing.com/marine-biology-research/</a></p>
<p><b>Journal of Natural Science, Biology and Medicine</b> It provides accurate and latest information for a wide range of STM (science, technology and medicine) researchers across the globe, using quality journals and databases with cost-effective best practices.</p>	<p><a href="http://www.jnsbm.org/">http://www.jnsbm.org/</a></p>

### 5.3 Websites

Website	Links
<p><b>iBiology</b> iBiology's mission is to convey, in the form of open-access free videos, the excitement of modern biology and the process by which scientific discoveries are made.</p>	<p><a href="https://www.ibiology.org/">https://www.ibiology.org/</a></p>

<p><b>The Bio-Web</b></p> <p>A platform of resources, tools, news, applications and development of web applications for molecular and cell biology and bioinformatics.</p>	<p><a href="http://www.cellbiol.com/education.php">http://www.cellbiol.com/education.php</a></p>
<p><b>Nature Cell Biology</b></p> <p>It serves the research community by publishing its most significant discoveries. Not only primary research but also reviews, critical comment, news and analysis of biology.</p>	<p><a href="https://www.nature.com/ncb/">https://www.nature.com/ncb/</a></p>

#### 5.4 Conference Proceedings

Conference Proceedings	Links
<p><b>CSBio: Computational Systems-Biology and Bioinformatics</b></p> <p>CSBio targets contribution in the field of computational approaches designed to face the challenges aroused by biological systems</p>	<p><a href="https://dl.acm.org/doi/proceedings/10.1145/3365953">https://dl.acm.org/doi/proceedings/10.1145/3365953</a></p>
<p><b>The 3<sup>rd</sup> International Conference on Biological Sciences and Biotechnology</b></p> <p>Conference contains related to biology subject.</p>	<p><a href="https://iopscience.iop.org/issue/1755-1315/130/1">https://iopscience.iop.org/issue/1755-1315/130/1</a></p>