

Library Subject Guide – Mathematics & Statistics

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 Mathematics & Statistics (QA1 – QA939):

Call number	Subject
QA1 – QA939	Mathematics
QA1-43	General
QA47-59	Tables
QA101-(145)	Elementary mathematics. Arithmetic
QA150-272.5	Algebra
QA273-280	Probabilities. Mathematical statistics
QA299.6-433	Analysis
QA440-699	Geometry. Trigonometry. Topology
QA801-939	Analytic mechanics

1.2 Location of the Call Number

The above call number of books of Mathematics & Statistics subject listed in UOWM KDU Library. The books are mainly located at:

- Open Shelf (Damansara Jaya Library)
- Open Shelf (Teo Soo Pin Library, Glenmarie – Second Floor)

1.2.1 Search and Locate Library Materials

User can search the titles by using our webPAC (Web 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 Advanced 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>

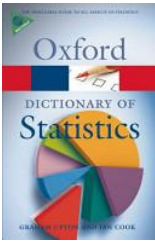

- Subject guide

<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

Image	Title
	A dictionary of statistics / Graham Upton and Ian Cook. <i>Call number: QA276.14 Upt 2008</i>
 No image available	The Facts on File dictionary of mathematics / edited by Carol Gibson <i>Call number: QA5 Fac 1988</i>


3) Books

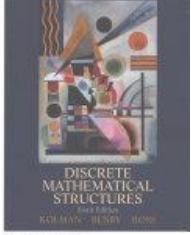
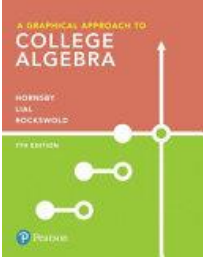
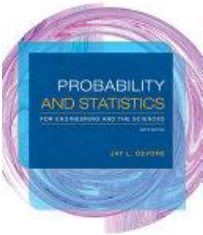
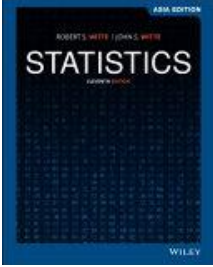
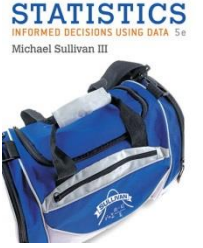
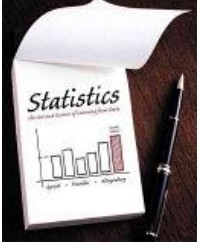
3.1 Library Books

Besides searching using Online Catalogue (webPAC), user can also search the titles available under Reading List for Engineering 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>

Image	Title
	<p>Cambridge international AS & A level mathematics: probability & statistics 1. Coursebook / Dean Chalmers; series editor: Julian Gilbey.</p> <p><i>Call number: QA276.12 Cha 2018</i></p>
	<p>Cambridge international AS & A level mathematics. Pure mathematics 1 / Sophie Goldie; series editor, Roger Porkess.</p> <p><i>Call number: QA43 Gol 2018</i></p>
	<p>Cambridge international AS & A level mathematics. Mechanics. Student's book / Tom Andrews, Michael Kent; series editor, Dr. Adam Boddison.</p> <p><i>Call number: QA805 And 2018</i></p>
	<p>Discrete mathematics / Richard Johnsonbaugh.</p> <p><i>Call number: QA39.2 Joh 2018</i></p>

	<p>Discrete mathematical structures / Bernard Kolman, Robert C. Busby, Sharon Cutler Ross.</p> <p><i>Call number: QA76.9.M35 Kol 2018</i></p>
	<p>A graphical approach to college algebra / John Hornsby, Margaret L. Lial, Gary Rockswold ; with the assistance of Jessica Rockswold.</p> <p><i>Call number: QA152.3 Hor 2019</i></p>
	<p>Probability and statistics for engineering and the sciences / Jay Devore.</p> <p><i>Call number: QA273 Dev 2016</i></p>
	<p>Statistics / Robert S. Witte, John S. Witte.</p> <p><i>Call number: QA276.12 Wit 2019</i></p>
	<p>Statistics: informed decisions using data / Michael Sullivan, III, Joliet Junior College.</p> <p><i>Call number: QA276.12 Sul 2017</i></p>
	<p>Statistics: the art and science of learning from data / Alan Agresti, Christine Franklin; with contributions by Michael Posner.</p> <p><i>Call number: QA276.12 Agr 2017</i></p>

3.2 Ebooks

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

- **BCcampus OpenEd**

Search for quality open textbooks offered in a variety of digital formats; the first step in adopting open educational resources. Search by subject and download them to your computer.

<https://open.bccampus.ca/>

- **Bookboon**

Provide students with free textbooks written by professors from the world's top universities, covering topics from Engineering and IT to Economics and Business..

<https://bookboon.com/en/statistics-and-mathematics-ebooks>

- **Directory of Open Access Books (DOAB Foundation)**

The primary aim of DOAB is to increase discoverability of Open Access books. Academic publishers are invited to provide metadata of their Open Access books to DOAB. Metadata will be harvestable in order to maximize dissemination, visibility and impact. Aggregators can integrate the records in their commercial services and libraries can integrate the directory into their online catalogues, helping scholars and students to discover the books. The directory is open to all publishers who publish academic, peer reviewed books in Open Access and should contain as many books as possible, provided that these publications are in Open Access and meet academic standards.

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

- **Ebooks and textbooks from bookboon.com**

Free access to hundreds of free textbooks written by professors from the world's top universities, all on one easy-to-access online ebook platform.

<https://bookboon.com/en/textbooks>

➤ **Freebookcentre.net**

Freebookcentre.net contains links to thousands of free online technical books. The books collection are either downloadable or can be viewed online. Our collections include core Computer Science, Electronics, Science, Medical and many more. You are welcome to follow the following links for the free books tour.

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

➤ **LibreTexts (California State University)**

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>

➤ **Lyryx Advanced Learning (Lyryx Learning)**

Provide with quality online learning options that include open textbooks, editorial services to adapt the textbook for each course.

<https://lyryx.com/>

➤ **OER Commons (Institute for the Study of Knowledge Management in Education (ISKME))**

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

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

➤ **Open Course Library (Washington State Board for Community and Technical Colleges)**

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

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

➤ **OpenStax CNX (Rice University)**

Provides high-quality, peer-reviewed, openly licensed textbooks that are absolutely free online.

<https://cnx.org/>

➤ **Saylor Academy Open Textbooks (Open Education Global)**

Peer-reviewed open courses including videos, readings, and quizzes. Saylor partners with many different institutions to create open courses.

<https://www.saylor.org/books/>

➤ **Teaching Commons (Bepress)**

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

<https://teachingcommons.us/>

➤ **Unglue it (Free Ebook Foundation)**

Contains more than 70,000 free ebooks that support authors, publishers, or other rights holders who want their ebooks to be free.

<https://unglue.it/>

4) Subscribed e-Databases

UOWM KDU Library subscribed e-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 9,100 full-text periodicals, including nearly 7,900 peer-reviewed journals.

➤ **EBSCOhost (Business Search Complete – BSC)**

The world's definitive scholarly and comprehensive business database; indexes and abstracts of the most important scholarly business journals date as far back as 1886.

➤ **EBSCOhost (Regional Business News – RBN)**

It provides comprehensive full-text coverage of more than 100 regional business publications, covering all U.S. metropolitan and rural areas.

➤ **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-Databases

e-Databases	Links
<i>Springer Open Access</i> Springer Open, launched in June 2010, includes Springer's portfolio of 200+ peer-reviewed fully open access journals across all areas of science.	https://www.springeropen.com/all-subjects?utm_source=website&utm_medium=Referral&utm_campaign=SpringerComSOPage
<i>Taylor & Francis Open Access</i> Taylor & Francis Group's flourishing program of full open access journals.	https://www.tandfonline.com/openaccess/openjournals

5.2 e-Journals

e-Journals	Links
<i>Growth and Form</i> An international, peer-reviewed journal which is devoted to the geometric analysis of growth and form, as visible in such areas as biology and physics.	https://www.atlantispress.com/journals/gaf
<i>Journal of Nonlinear Mathematical Physics</i> An international peer reviewed journal devoted to the publication of research papers concerned with the description, solution and applications of nonlinear problems in physics and mathematics.	https://www.atlantispress.com/journals/jnmp
<i>Journal of Statistical Theory and Applications</i> An international peer reviewed journal dedicated to the publication of original research papers in the area of statistical sciences and related applications.	https://www.atlantispress.com/journals/jsta
<i>International Journal of Mathematics and Statistics Invention (IJMSI)</i> An international journal intended for professionals and	https://www.ijmsi.org/

<p>researchers in all fields of computer science and electronics. IJMSI publishes research articles and reviews within the whole field Mathematics and Statistics.</p>	
<p><i>American Journal of Mathematics and Statistics</i> American Journal of Mathematics and Statistics is to publish well-written original research articles and studies describing the latest research and developments in the field of mathematics and statistics.</p>	<p>http://www.sapub.org/journal/article.s.aspx?journalid=1042</p>
<p><i>Frontiers in Applied Mathematics and Statistics</i> Publishes rigorously peer-reviewed research in the multidisciplinary areas of both applied and applicable mathematics and statistics.</p>	<p>https://www.frontiersin.org/journals/applied-mathematics-and-statistics</p>
<p><i>Science Journal of Applied Mathematics and Statistics (SJAMS)</i> A peer-reviewed journal on all areas of applied mathematics and statistics that intends to solve problems in engineering, sciences, and business through mathematical, computational and statistical methods.</p>	<p>http://www.sciencepublishinggroup.com/j/sjams</p>
<p><i>Journal of Mathematics and Statistics</i> Aims at publishing papers on the all areas of theoretical/applied mathematics and statistics.</p>	<p>https://thescipub.com/journals/jmss</p>
<p><i>Mathematics and Statistics</i> An international peer-reviewed journal that publishes original and high-quality research papers in all areas of mathematics and statistics.</p>	<p>http://www.hrpub.org/journals/jourinfo.php?id=34</p>

5.3 Websites

Websites	Links
<p><i>Patrick JMT</i> This website "...has many videos that go from the basics of Algebra up through Calculus, Discrete, Linear Algebra, and more."</p>	<p>http://patrickjmt.com/</p>

5.5 Conference Proceedings

Conference Proceedings	Links
<p><i>Atlantis Press Proceedings</i> Atlantis Press publishes proceedings in all major STM disciplines including Physical Sciences, Life Sciences, Health Sciences and Social Sciences. All proceedings on the Atlantis Press platform are open access and hence freely accessible for all to read.</p>	<p>https://www.atlantispress.com/proceedings</p>
<p><i>Diamond Scientific Publication</i> A publisher of peer-reviewed, fully open access that focus on delivery of significant research work as well as high quality content through innovative and excellent services.</p>	<p>https://www.dpublication.com/proceedings/</p>
<p><i>SHS Web of Conferences</i> An Open Access publication series dedicated to archiving conference proceedings dealing with all areas of social sciences and humanities: sociology, economy, psychology, history, geography, linguistics, etc.</p>	<p>https://www.shs-conferences.org/</p>