Introduction to Electronic Resources:
Heriot-Watt University Library

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Head of Library
What is an ‘Electronic Library Resource’?

Any library or information resource that can be accessed via computer, e.g.

- Electronic books
- Electronic journals
- Scholarly databases
- Information gateways
- The Internet

Also e-books, reports, magazines, grey literature
The University has Libraries at the Edinburgh, Scottish Borders and Dubai Campuses.

Information on borrowing, ordering, printing, enquiries, inter-library loans, regulations and periodicals can all be viewed from library website.

Access to a number of databases and other electronic resources is available through this site.
The Information Services directorate provides IT and Library services to Heriot-Watt's students and staff around the world.

5 campus libraries offer a variety of study environments, the latest learning technology, HWU library collection of over 150,000 printed books, supported access to more than 20,000 electronic journals and databases, plus 50,000 e-books.

- Research tools
- Learning materials embedded into Vision courses (InVision, Digital Copies Service)
- Photocopies service
- SCONUL (170 higher education libraries in the UK and Ireland)
- Help, advice and training on accessing these resources and applying technologies
## List of eResources and Services

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How do I Find Resources?
http://www.hw.ac.uk/is/find-resources.htm
How do I find a Book on Catalogue?

- Go to the library catalogue home: http://www.hw.ac.uk/is/find-resources.htm

- **Finding a specific book**
  - Use the 'Simple Search' tab to find a specific book. Type some words from the book title or author into the search box, e.g., 'Mastering the dynamics of innovation' by James M. Utterback, type utterback innovation (or just utterback as it is not a common name)

- **Finding books on a subject**
  - If you are looking for books about a subject you can:
    - Do a 'keyword' search, e.g., to find books on management accountancy, do a search for management account? Using ? (the truncation symbol) will find all words beginning with account - accountancy, accounts, accounting, etc.

- **Finding eBooks**
  - Use the 'Quick Limit' drop-down menu to search for eBooks.

- **Finding journals**
  - The catalogue has information about the paper journals in the libraries, and links to electronic journals. Change the drop down menu to 'journal title'. Search for the journal's title (not the article title)

*(from HWU Library Catalogue Help)*
How do I Find Books on Catalogue?: Search Books on Chemistry Example
## Search Results: Example

<table>
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<tr>
<th>Number</th>
<th>Title</th>
<th>Author</th>
<th>Publisher</th>
<th>Year</th>
<th>Available Library</th>
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Finding a Specific eBook

- If you want an electronic copy of a specific book you should search the library catalogue for the title of your book.

- If the book you want is available electronically you will see a link saying "eBook available from ????? to University staff and students. Enter your Heriot-Watt University username and password".

- If you want an electronic copy of a specific book about a topic you should use Discovery.

Finding eBooks about a topic:

Use Discovery to find electronic books about a topic. Search for word(s) that might appear in a description of a book about your topic using the Discovery search box (below). On the results page, change the "Source Type" to eBooks and click on Update.
Free eBooks

Some websites provide free access to eBooks. You should use these with caution:

- check the publication date - is the book up-to-date? Sometimes publishers provide free access to old editions of books.

- who wrote the book (and why did they write it)? Freely available books are sometimes written to promote a cause, and might not contain a balanced argument.

- is it accurate? A book published independently (rather than via commercial publisher) might not be fact-checked.

Some of the main sources of free eBooks:

- Directory of Open Access Books (DOAB) [http://www.doabooks.org](http://www.doabooks.org)
Discovery

http://www.hw.ac.uk/is/find-resources.htm

Discovery allows HWU students and staff to find

- books, journals,
- journal articles,
- electronic books,
- market reports,
- newspaper articles, etc., easily and quickly using a single search box.
Note: Some features may not appear (tabs, subjects, ISSN, etc.) if the library administrator has disabled them or customized the user interface.

1. Index tab
Use the Index tab to view a list of databases and other sources of electronic full text titles. You can link directly to the "front door" of each source, or link to a list of titles contained in each source.

2. Titles tab
Use the Titles tab to browse a list of titles arranged alphabetically. You can also do simple searching of the list by using the search feature on that page. When you find the title you want, follow the links underneath its name to explore the title, including viewing full text.

3. Subject tab
Use the Subjects tab to browse a list of subject areas covered by the titles in our collection. Click a subject category to view a list of all titles in that category.

4. Search tab
The Search tab provides a more advanced search form than the search box on the Titles tab. Use the Search tab to search by title name, publisher name, or ISSN, as well as to control the search type (Begins With, Exact Match, etc.).

5. Titles tab - Page Navigation listbox
When viewing a list of titles that span more than one web page, this listbox will show all the pages in the current title list. For each page, the first title on the page and the last title on the page are listed.
eJournals

Search: Discovery Service for HERIOT WATT UNIVERSITY

chemistry

Limit your results

Full Text  Peer-Reviewed  Available in Library Collection
eJournals: Research Results

Searching: Library, Information Science & Technology Abstracts | Choose Databases

- chemistry

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1. Celebrating Chemistry


The article examines library collection development related to chemistry. The need for general chemistry reference books and subjects: COLLECTION development in libraries; COLLECTION management (Libraries); BOOK selection; CHEMISTRY -- Information

Database: Library, Information Science & Technology Abstracts

Add to folder

HTML Full Text | PDF Full Text

Baku Higher Oil School, September 2013
A hundred years after Marie Curie received her Nobel Prize in Chemistry, this arm of science is pointing the way to a more sustainable future. Growing movements like green chemistry, which strives to create alternative and new chemical reactions that produce no harmful waste products, and molecular engineering hold great potential for industry, the environment, and crossover fields like medicine and physics.

To celebrate chemistry’s promise and achievements over the past century, 2011 has been declared the International Year of Chemistry (IYC) by the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the International Union of Pure and Applied Chemistry (IUPAC). This is a great time to update your chemistry collection and celebrate the IYC 2011 theme, “Chemistry: Our Life, Our Future.”

Stopping the race to the bottom
Even as we recognize great advancements in chemistry and related fields, there is a growing worry that the United States is falling behind in science and technology. Other countries out-

Susannah Hamm is the Science & Technology Specialist at Cuyahoga County Public Library, Parma, OH, and has worked in reference and collection management in public libraries for 12 years. She believes that perform our students on science and math tests, and too few graduates enter science and technology programs. Women and minorities are underrepresented in research programs, industry, and STEM (science, technology, engineering, and math) education. In response, federal and state government agencies and private organizations are funding many grant opportunities to promote science and technology participation and achievement at all levels of education. Schools across the country are taking advantage of these opportunities to start STEM programs, so look for more chemistry interest from your community in the future.

A formula for success
The key to collection development is to know your service population. All collections need a few good general chemistry references. Most libraries also need an authoritative chemistry encyclopedia, although small libraries might rely on a good science and technology encyclopedia. Subscription databases can also be invaluable. McGraw-Hill’s AccessScience (www.accessscience.com) is a comprehensive science platform that offers high school or college students searchable content from McGraw-Hill Encyclopedia of Science & Technology, 10th edition. Gale’s Science in Context (www.gale.cengage.com/InContext/science.htm), formerly Science Resource Center, serves younger students well.
How do I find Heriot-Watt Theses?

- Finding all Heriot-Watt theses
  - If you know the author and/or title of a thesis, search for it in exactly the same way as you would search for a book.

- Finding theses on a subject
  - Use the 'Advanced Search' tab. Type theses into the first box and change the drop down menu to 'Class number'.
  - Type a word that describes your topic into the second search box.
  - Click on search.
How do I Search All IS Web Pages?

Information Services
- About us
- Contact/visit us
- Find resources
- IS guides
- IT essentials
- Library essentials
- My services
- News from IS
- Research support
- Skills development
- Teaching support
- Search IS pages

Search IS pages

Search all available Information Services content - the IS web pages, knowledgebase articles and subject guides.

This search tool does not search the library resources - see Find Resources.
Databases and Other Electronic Resources

- Use the A-Z tabs above to access Heriot-Watt Library databases and other electronic resources.

- For most databases you can log in with your Heriot-Watt computing account (the username and password you use for Vision).

- Examples:
  - ASCE (American Society of Civil Engineers) Research Library
  - APS (American Physical Society)
  - American Institute of Physics Online Journal Publishing Service
  - Cambridge Journals Online
  - EBSCO
  - Encyclopedia of Energy
  - EThOS (Electronic Theses Online Service)
  - Factiva (JSTOR)
  - OilVoice
  - OnePetro (oil & gas)
  - Science Citation Index Expanded (through Web of knowledge)
  - ScienceDirect
  - Web Of Knowledge
Databases and Other Electronic Resources by Subject

You can access to the various databases by subject:

- **Accounting, Banking & Financial Information**
- **Actuarial Mathematics & Statistics**
- **Biological Sciences**
- **Brewing & Distilling**
- **Built Environment**
- **Business Information**
- **Chemical Engineering**
- **Chemistry**
- **Computer Science**
- **Economics**
- **Government Information**
- **Languages & Linguistics**
- **Marine Science**
- **Mathematics**
- **Mechanical Engineering**
- **Petroleum Engineering & Energy**
- **Physics**
- **Psychology**
- **Sport & Exercise Science**
- **Textiles**
Current students
Internal information for current students at Heriot-Watt University can be found in this section.
Access to VISION

To start work on Vision you should go to the Vision login
How to Begin in VISION

Heriot-Watt University
Single sign-on

This page allows login to Heriot-Watt single sign on, this will give you access to the Vision virtual learning environment and other services using your normal Heriot-Watt username and password.

Login

Shibboleth Identity Provider Login to Service Provider
https://vision.hw.ac.uk/shibboleth-sp

HW Username: 
HW Password: 
Login
VISION: My Courses

My Calendar
No calendar events have been posted for the next 7 days.
more calendar events...

My Tasks
My Tasks:
No tasks due.
more tasks...

Sunday Times Scottish University of the Year
Heriot-Watt University is the Sunday Times Scottish University of the Year 2012-2013, for the second year running, and top in the UK for student experience.
Voted fourth university in the UK and top in Scotland (National Student Survey 2012)

My Courses - (Students will only see courses that have been made available by the Lecturer)
Courses where you are: Instructor
VLIBTM1: Library Training Module
B28LT 2012-2013: Experimental Lab and Communication Skills

Courses where you are: Student
J11FL 2013-2014: Designing Flexible Learning Environments
Announcements:
> New video presentation: Introduction to Course 3
J11EL 2012-2013: Designing and Evaluating Learning, Teaching and Assessment
J11SL 2012-2013: Supporting Student Learning

Vision Mobile
Blackboard Mobile for Vision
Remember to keep the Blackboard mobile app up to date for new features.
Library Resources in VISION Courses

Information Services provides access to electronic resources which can be embedded into Vision courses, these include:

• eBooks
• electronic reference material
• eJournals
• eJournal articles
• research tools (databases)
• catalogue records
To link to a Library eBook in your Vision course, please follow the steps below:

- Go to your Vision course
- With 'Edit Mode' on, select the 'Build Content' tab
- Select 'Web Link'
- In the 'Create Web Link' screen, enter the bibliographic details of the ebook in the 'Name' field
- Open the Library catalogue in another window
- Search to find the catalogue record for the eBook In the catalogue record, hover over the link named "eBook available from . . " labelled "Electronic Access"
- Copy this link (e.g. right click and copy shortcut)
- In your Vision course
- In the 'Create Web Link' screen, paste the copied link in the URL field and submit
Linking

- Downloading content (e.g. the PDF of a journal article) and making available from Vision is **NOT** permitted by the licence conditions of the publishers or providers of electronic materials to which the Library subscribes.

- You can provide access to the full text by using the persistent/stable URL (one which won’t change or break over time).

**Useful links**

- Comprehensive Higher Education licence: http://www.cla.co.uk/UUKguildhe_members.php
- InVision: http://www.hw.ac.uk/is/InVision.html
Blackboard Help for Students

FEATURED CONTENT

Global Navigation and My Blackboard

This movie provides a tour of global navigation and My Blackboard. Now all your academic information is organized in one place, providing a consistent quick and easy way to find everything.

Watch It!

My Blackboard Profile

This movie shows you how to create your Blackboard Profile. Your profile is completely separate from your Blackboard account so you can add a picture, a nickname, and even information from Facebook and Twitter. Share your profile with other people at your school so they can get to know you.

Watch It!

WORKING IN YOUR COURSE

Taking a Test Online

Can't Find It? Ask The Doctors

Who are the Doctors?

Ask The Doctors is a free question and answer service moderated by a dedicated, international group of your peers, fellow Blackboard clients.

Learn More!

Accessibility Information

Accessibility Features

- All videos are closed captioned. Click the CC button in the player to see the captions.
- Narration is descriptive of each task from start to finish.
Working on your Course (continue)

WORKING IN YOUR COURSE

Taking a Test Online
Watch it!

Checking Your Grades - Updated for Service Pack 12!
Watch it!

Checking Your Grades - Service Packs 6 - 9
Watch it!

Working in Groups
Watch it!

Pearson MyLab Getting Started Guide for Students
Read it!

WileyPLUS Getting Started Guide for Students

- Creating a Blog Entry
  - Watch it!

- Interacting with the Discussion Board - New for Service Pack 12!
  - Watch it!

- Viewing Discussion Board Grades
  - Watch it!

- Creating and Editing a Wiki Page
  - Watch it!

- Viewing My Contribution to a Wiki
  - Watch it!

- Linking Wiki Pages
  - Watch it!

- Using the Course Map
  - Watch it!

- Submitting an Assignment
  - Watch it!
Self-Study/Online Learning

Lynda.com
- Pilot due to start on the Edinburgh campus - September 2013
Students and staff can access more than 2,000 training videos - covering business skills, photography, design, music and video, animation, and web design and development.

- Microsoft E-Learning materials
  Heriot Watt employees are eligible to access E-Learning courses online at Microsoft.com.

- Vision
  Several of our tutor led courses have been made available on the VLE. Go to the Courses tab at http://vision.hw.ac.uk/ and look under IT Training.

- Web based

- Knowledgebase
  Search the Knowledgebase at https://support.hw.ac.uk

Subject Guides
Specialist information in your subject area prepared for you by your subject librarian. See the Guides page.
InformS is a blog for staff and students of Heriot-Watt University, and contains the latest information on resources, facilities and services for teaching, learning and research. It includes information about:

- Library and information technology services available worldwide
- Local IT services at the Edinburgh campus
- New resources
- Features and other items of interest
- Answers to frequently asked questions

Please feel free to leave a comment or feedback on any of the news items.
Library Support for Research

Information Services maintains and manages HWU staff publications in:

- Pure current research information system
  https://pureapps2.hw.ac.uk/
- Doctoral students' theses repository (ROS)
  http://www.ros.hw.ac.uk/
- Open Access

IS also provides an advice on Open Access, Research Data Management and measuring impact/citation analysis.
Reference management software.

Useful for storing information about articles.

Also helps with referencing in Word

Your steps:

1. Go to www.hw.ac.uk/is
2. Select 'My Services'
3. Select 'EndNote online
Web E-Mail

- All university staff and students are allocated a unique Heriot-Watt e-mail address.
- You can access your unique e-mail account from any computer (any in the world) with Internet access. The recommended browser is **Internet Explorer**.
- Non-Microsoft browser, e.g. Mozilla, Firefox will work but fewer features will be available.
- You should take note of conditions of use and good practice guidelines to avoid improper use of this service.
Thank you for your attention!

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