

## Subject Guide for Information Science and Teacher Librarianship

### Plan Your Research

#### Types of Resources

[Dictionaries & Encyclopedias](#)  
[Books](#)  
[Journals](#)  
[Websites](#)  
[Legislation](#)  
[Standards](#)  
[Statistics](#)

#### Where to search

[Library One Search](#)  
[Library Catalogue](#)  
[Requesting items not held at ECU Library](#)  
[Library Databases](#)  
[Learning Assistance](#)  
[Study and Assignment Help](#)  
[APA Referencing](#)  
[EndNote](#)

### Plan Your Research

The most important thing you can do when researching any assignment is to plan your research. You need to analyse your question and consider carefully what information you need. [Follow this link](#) to a Research Planner that will help you to organize yourself before you start.

Your reading list is a good place to start, as it lists recommended readings for the subject. You may also wish to consider the following types of resources-

### Types of Resources

#### Dictionaries & Encyclopedias

These are useful in defining your terms and concepts, understanding key words and obtaining an overview of the area you are researching. These can be accessed both online and in print and you will find some useful resources listed below.

##### Online

[Encyclopedia of library and information science](#)  
[Encyclopedia of knowledge management](#)  
[Encyclopedia of e-commerce, e-government, and mobile commerce](#)  
[ODLIS: Online dictionary for Library and Information Science](#)

##### Print

International encyclopedia of information and library science	R 004.3 INT
Encyclopedia of library and information science	R 020.3 ENC
World encyclopedia of library and information services	R 020.3 WOR
ALIAS: Australia's library, information and archives services	
- an encyclopaedia of practice and practitioners	R 020.994 ALI
ALA world encyclopedia of library and information services	R 020.3 ALA

### Books

Provide a useful starting point for an introduction to your subject. Books generally also provide an in-depth coverage of a topic and are useful when considering a historical perspective.

### Electronic books (e-books)

There are a number of electronic books available via the [ECU Library Catalogue](#). To restrict a search to online material, use the drop down menu to change the search option from “Whole Collection” to “ONLINE”.

### **A selection of information science e-books that can be accessed via the ECU Catalogue**

This is not an exhaustive list, but rather an indication of the kind of resources that can be accessed on line

<a href="#">Advances in library administration and organization, volume 24</a>
<a href="#">The challenges to library learning: Solutions for librarians</a>
<a href="#">Crash course in library supervision: Meeting the key players</a>
<a href="#">Defining relevancy: Managing the new academic library</a>
<a href="#">IFLA library building guidelines: Developments &amp; reflections</a>
<a href="#">International library education</a>
<a href="#">Library management and marketing in a multicultural world</a>
<a href="#">Management innovation and library services, part 2</a>
<a href="#">Managing the transition from print to electronic journals and resources: a guide for library and information professionals</a>
<a href="#">Use and users of electronic library resources: An overview and analysis of recent research studies</a>
<a href="#">Linking literacy: The role of the teacher-librarian in literacy education</a>
<a href="#">Collaborating to meet literacy standards: Teacher/librarian partnerships for K-2</a>

### **Journals (sometimes called periodicals or serials)**

Are useful for accessing articles which provide current research information or information on a very specific topic. It is normally expected that you will use some journal articles in your assignment.

Researchers and scholars publish their research as articles (or papers) in journals. These articles are published to disseminate knowledge to other scholars, scientists or experts in a subject area. Journal articles tend to be shorter, more current and focused on more specific topics than books.

Scholarly articles are published in scholarly journals. Often these are identified as peer-reviewed or refereed journals, where the articles are reviewed by experts in the field before publishing. Academic writing requires some reference to scholarly journals. Magazines, trade journals and newspapers are also different types of periodical publications that may be referred to, but consideration must be given to the context.

### **Some Key Journals**

This is not an exhaustive list, but rather a place for you to start with your research.

<a href="#">The Electronic Library</a> is a peer reviewed journal devoted to the applications and implications of new technology, automation, digitisation, the Internet, user interfaces, and networks in all types of libraries, information centres and museums throughout the world as well as the development of software and hardware for such applications.
<a href="#">Information development</a> This is a peer reviewed journal that provides authoritative coverage of current developments in the provision, management and use of information throughout the world, with particular emphasis on the information needs and problems of developing countries.
<a href="#">Information processing &amp; management</a> This journal looks at research in information science, computer science, cognitive science and related areas.
<a href="#">Information technology and libraries</a> This journal publishes material related to all aspects of libraries and information technology.
<a href="#">Journal of digital information management</a> This journal concentrates on all aspects of digital information management and covers digital information processing, content management, world structuring, libraries, metadata, information management and related fields.
<a href="#">Journal of education for library and information science</a> The official publication of the Association for Library and Information Science Education, this is a scholarly journal that serves as a forum for discussion and presentation of research and issues in the field of library and information science education.

#### [\*Journal of librarianship and information science\*](#)

This journal publishes papers from practising librarians, information workers and academics, focusing on the results of research, reports of significant developments in working practice and discussions of concerns central to the information profession.

#### [\*Journal of the American Society for Information Science\*](#)

This journal publishes original research that focuses on the production, discovery, recording, storage, representation, retrieval, presentation, manipulation, dissemination, use and evaluation of information and on the associated tools and techniques.

#### [\*Library & information science research\*](#)

This a cross-disciplinary and refereed journal, focusing on the research process in library and information science as well as research findings and their practical applications and significance.

#### [\*Library hi tech\*](#)

This journal focuses on computing and technology for the library community. It is international in scope and defines technology in the broadest possible terms to include the full range of tools employed by librarians and their customers.

#### [\*Library trends\*](#)

This journal presents trends in professional librarianship, including practical applications, analysis and literature reviews.

#### [\*The information society\*](#)

This journal is a critical forum for analysis of the impacts, policies, system concepts and methodologies related to information technologies and changes in society and culture.

### **Websites**

[Library and Information Science Websites](#)

[Archives and Records Management Websites](#)

### **Legislation**

[Australian Libraries Gateway: Australian Library Legislation](#)

### **Standards**

[Standards Australia](#)

[IEEE Standards](#)

### **Statistics**

[Australian Bureau of Statistics](#)

[Australian public libraries statistical report](#)

[Arts and culture in Australia: a statistical overview 2008 \(First Edition\)](#)

[Elementary statistics for effective library and information service management](#)

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### **Where to search**

**Library One Search** allows you to do a Google like search of the library's holdings and is therefore a good place to start your searching. Enter an author, "title," or keyword to search. Once you have done the search, you are then able to refine your search results by selecting from one of the following options: peer review, full text online, and type of resource (i.e. book, journal newspaper or conference proceeding), subject (motion pictures), campus location or online, language or date.

Book references will take you through to the library catalogue to access the status. Journal references will link you to the full text – click on the icon or move the cursor over the title of the article for a summary of the record. Should you require more search information, check the Help link on the top right of the screen.

Should you not find what you are looking for using a **Library One Search**, try the more standard search options as follows.

### **Library Catalogue**

The library catalogue lists all items held by the ECU Library whatever the format, print, film or online. It lists resources, noting the campus location, the collection, the call number and the loan status of the item.

Searches can be done by title, author, journal title or keyword.

There are a number of electronic books available via the [ECU Library Catalogue](#). To limit a search to online material, use the drop down menu to change the search option on the results page to from “View the whole collection” to “Online”.

[Click Here](#) to access an online tutorial on searching the catalogue.

Search terms can be entered either as a phrase (e.g. “Information Science”), or combined by Boolean operators – **and**, **or**, **not**:  
**and** (e.g. “information science” **and** Australia to retrieve records relating only to both terms),  
**or** (information science **or** records **or** archives to retrieve records relating to all the terms),  
**not** (e.g. archives **not** records to retrieve records relating only to the first term).  
The search can be further refined by selecting the subject headings displayed within the catalogue entry of a particular book E.g.  
Information Science --- Library Science --- United States  
Information Science --- Information Technology --- Management

### Requesting books that are out on loan or at another campus

If the book you want is not immediately available there are some options for you to obtain it

Students residing within the metropolitan area can

- Recall books that are out on loan,
- Put a hold on 3 day loan books or
- Request that books held at another campus be sent to their home campus for pickup.

[Remote students](#) who reside within Australia can request books be sent to them.

To recall or request a book be sent to your home campus:

1. Go to [Library One Search](#) or the [ECU Library Catalogue](#)
2. Find the record for the book you want

Click on the **Request** button and follow the prompts.

**N.B. Books are not available for loan to offshore students.**

To renew a book that you already have on loan, log into [My Library Record](#) through the [ECU Library Catalogue](#) or from the [Library website](#). [Click Here](#) to access a brief online tutorial.

### Requesting items not held at the ECU Library

If the book or article you are looking for is not available from the ECU Library and you are a student studying in Australia you can either register as a [reciprocal borrower](#) at another University Library or TAFE College. External students can request items through the [External Library service](#).









### Document delivery

Postgraduate or higher degree students can use [Document Delivery](#) to request books or journal articles not available at ECU. N.B. Books are not available for loan offshore, copies of chapters and contents pages can be sent. Also, check for the availability of e-books.

### Library Databases (CTRL click to access)

To Search for journal articles on a topic use [Library One Search](#) or an [online journal database](#), see a list of relevant titles below. If you are looking for a specific journal, do a title search in the Library Catalogue using the journal title option.

Following is a list of useful databases for information science. The top 3 are especially useful for most topic searches.

<p><b>Emerald</b> Emerald is the world's leading publisher of business and management research, with 200 journals and a wide range of serials, series and books in management and related fields.</p>	<p><b>Emerald Support Resources</b> This link takes you to the support resources provided for you by the publishers of Emerald Database to assist you in effectively searching in this platform.</p>
<p><b>LISA: Library and Information Science Abstracts</b> LISA is an international abstracting and indexing tool designed for library professionals and other information specialists. LISA currently abstracts over 440 periodicals from more than 68 countries in more than 20 different languages.</p>	<p><b>CSA Illumina online tutorials and training materials</b> LISA is accessed via the CSA Illumina platform. This link will take you to online tutorials and training for CSA Illumina.</p>
<p><b>ERIC: the Education Resource Information Centre</b> ERIC provides access to education literature and resources. The database provides access to information from journals included in the Current Index of Journals in Education and Resources in Education Index.</p>	<p><b>How to use ERIC – Tutorials and FAQ</b> Short online tutorials and FAQ on the ERIC website. <b>Ebsco Support Tutorials</b> You can also access ERIC through the EBSCO Platform. This link will take you to online tutorial help for searching in EBSCO provided by the publisher.</p>
<p><b>A+ Education</b> </p>	<p><b>Informit Support Page</b> Curtin University Library has a <a href="#">short online video tutorial</a></p>
<p><b>Academic OneFile</b></p>	
<p><b>ALISA Australian Library &amp; Information Science Abstracts</b> </p>	<p><b>Informit Support Page</b> Curtin University Library has a <a href="#">short online video tutorial</a></p>
<p><b>ANZBiP Books in Print</b>  <b>ANZBiP Publishers</b></p>	<p>ANZ Books in Print</p>
<p><b>APA-FT Australian Public Affairs Full Text</b> </p>	<p><b>Informit Support Page</b> Curtin University Library has a <a href="#">short online video tutorial</a></p>
<p><b>Current Awareness Abstracts of Library &amp; Info Mgmt Literature</b></p>	
<p><b>Ed/ITLib Education and Information Technology Library</b></p>	
<p><b>Encyclopedia of Library &amp; Information Science</b></p>	
<p><b>Education Full Text (WilsonWeb)</b></p>	
<p><b>Global Books in Print</b></p>	
<p><b>ILRS Australian Interlibrary Resource Sharing Directory</b> </p>	
<p><b>ISI Web of Science</b> <b>Libraries Australia</b> <b>TROVE</b> </p>	<p><b>ISI Web of Science Online Tutorial</b> National Library of Australia's catalogue Trove is a discovery tool for the National Library's collection</p>
<p><b>LISTA Library Information Science &amp; Technology Abstracts</b></p>	
<p><b>ProQuest 5000</b></p>	<p><b>ProQuest Online Tutorials</b></p>
<p><b>SAGE Journals Online</b></p>	
<p><b>ScienceDirect</b></p>	<p><b>Science Direct Online Tutorials</b></p>
<p><b>Serials in Australian Libraries</b> </p>	
<p><b>SNIPER Searchable Networked Intellectual Property</b> </p>	
<p><b>Ulrich's Periodicals Directory</b></p>	<p>A journals in print service providing details about titles including whether they are peer reviewed</p>

It is often useful to run a series of searches in several different databases to test the strengths of each service, as you build a knowledge of which databases suit which topics. To access a particular database you can do a title search in the ECU Library Catalogue restricting the search to online material.

**Remember if there is no full text link against the result, use the [FIND It@ECU](#) button to find the full text article**

## Learning Assistance

### Study and Assignment Help

For study and assignment help you can contact a [Learning Advisor](#) or for research assistance contact a [Faculty Subject Librarian](#) or come to the Reference Desk in the Library on any campus.

**You can also access help via the ECU Website:**

[Library Training: Podcasts and Videos](#)

[Academic Tip Sheets](#)

[Subject Guide: Archives and Records Management](#)

or pick up a School of Computing and Security Science brochure and bookmark from the Library

### APA Referencing

Referencing at ECU is based on the 6th edition of the Publication Manual of the American Psychological Association.

**Some useful links:**

[Referencing @ ECU](#)

[ECU Referencing guide](#)

[APA Online style tips](#)

[APA Online Style Tips: Frequently Asked Questions](#)

[Guide to Citing ABS Sources](#)

[Plagiarism](#)

### EndNote

It is recommended that higher degree students use bibliographic software such as [EndNote](#) to organise their referencing. EndNote can be downloaded from the [Library website](#).

# Research Planner

## Why do you need to plan your research?

Planning keeps you focused

Planning helps you decide on the types of information to be used

Planning helps you to decide where to look for that information

## Developing a Search Strategy

### 1. Analyse your topic

#### What have I been asked to do?

Know what you are looking for

If you were to find the perfect article, what information would it contain?

Define unknown terms

#### What types of material do I need?

Current – Journal articles may be the most useful

Consult encyclopedias or books for background information

Statistics

Websites – Useful for government or institutional information

#### What level of information is required?

You may be asked to use 'scholarly' information and need to limit searches to refereed or peer reviewed journals

You may be asked to provide research evidence or news articles

#### How much information is required?

A major assignment worth more marks and requiring more words often requires more supporting information

Has the assignment noted a requirement i.e. Find 5 journal articles

### 2. Find information using one of the following sources

ECU Library catalogue – to check for ECU Library holdings of all types of materials including books, videos, DVDs, journals and electronic materials

Subject databases – to locate journal articles on a topic

Internet – remember to check credibility of the author/website

### 3. Check out the information collected

Is the information credible and relevant to the topic?

Have I got enough relevant information?

Does the information cover all the elements of the question?

### 4. Produce the report/Write the essay

Presentation – use an appropriate format

Credit your sources of information - remember do not plagiarise

Referencing – Use the ECU Referencing guide for the correct format