Learning Outcomes
By the end of today’s session you will be able to:

➢ Access your Subject Guide for Psychology
➢ Locate full-text of a specified journal article
➢ Define how and what you are going to search for, based on a given topic
➢ Search for and retrieve relevant results in USearch
➢ Be aware of other relevant resources
Login to the University Portal
Then select the Library tile
Library Home Page

Under Quick Links – Select a resource

Library Services
Welcome to Ulster University Library. Find out about Library services and resources supporting learning, teaching & research at the University.

Quick Links
› USearch
› Databases
› Electronic Journals
› Library Catalogue
› My Library Account
› Reading Lists
› Subject Guides
› Subject Support Appointments
› Training & Workshops
› Library Help Service
› Getting Started in the Library
› Group Study Rooms Booking
› Opening Hours
› Contact the Library
Where should I look for information to help with my assignments?

- Books
- Academic Journals
- Usearch
- Databases
Library Searching

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<thead>
<tr>
<th>Library Catalogue</th>
<th>Library Databases</th>
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<tr>
<td>Use this to find books and e-books on your topic</td>
<td>Use these to find in-depth information on your topic</td>
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<tr>
<th>Electronic Journals A-Z</th>
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<td>Use this to find a specific article</td>
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What is an Academic Journal?
Academic Journals

Journals (also known as magazines, serials or periodicals) are published regularly (weekly, monthly, quarterly or annually) and contain the most recent information on a subject. They are a scholarly publication containing articles written by researchers, professors and other experts.

Journals focus on a specific discipline or field of study. Unlike newspapers and magazines, journals are intended for an academic or technical audience, not general readers.

The Library subscribes to a wide range of journals in both print and electronic formats.
Searching for a journal article using a reference – a journal article is made up of 4 main elements:

Author(s). Year of publication. Title of article. Publication source and Volume number/issue number and pagination

Searching for a journal using a citation

Go to Electronic Journals

- Go to Ulster University Portal [www.ulster.ac.uk/portal](http://www.ulster.ac.uk/portal)
- Select the library tile
- Under **Quick Links** – select Electronic Journals
- Search for your **Journal Title** in the search book provided
- Select an **appropriate provider link for** the date range you require
- Navigate the journal contents page to the **volume and issue** you need

[click here to view a video of this step](#)
Logging in to Library e-Resources

Step 1:

Type in Ulster then click on University of Ulster link
Step 2:

Enter your University email address

Enter your network password
What is a library database?

A database is a collection of information (e.g. journal articles, references to book chapters, newspaper articles, directives, full-text patents) which you can search in several ways such as by keyword, author, title.

The advantages of using databases

Databases are useful because:

- You can search for articles or books on a topic for assignments from a variety of sources
- You can read the full text of the books and most of the articles that you find
- You can be confident the information you find in them is of a high standard
Search strategy for databases and USearch:

Rationale for using a strategy

➢ Finding and accessing appropriate literature is a fundamental skill for any Life and Health Sciences student
➢ To be fully comprehensive in your searching and to avoid missing papers of interest or retrieving too many irrelevant papers, you must be able to construct a thorough search strategy when searching databases
➢ You need to be aware that authors will describe treatments, interventions, measures etc. in different ways, and that there are associated grammatical forms
➢ Let’s have a look at the components of a search strategy
Sample Assignment Title: PSY131- 2000-word essay

What are the Key Concepts within this title?

Discuss the work of two key figures in psychology and determine their contribution to modern psychology.

Tip:
• Good research topics usually contain 2-4 concepts.
• Topics with one concept will usually retrieve way too many results.
• Topics with too many concepts may limit your results too much.
What are the Key Concepts within this title?

Discuss the work of two key figures in psychology and determine their contribution to modern psychology.
Are there alternative ways to describe your keywords?

**Key Figures**
- Sigmund Freud
- B.F. Skinner
- Albert Bandura
- Ivan Pavlov

**Contribution**
- Impact
- Influence
- Importance

**Modern Psychology**
- Psychology
- Behavioural Science
- Behavioral Science
Tips to help with Searching in a database

There are some tricks you can use to help you save time yet retrieve relevant results.....These are called advance searching techniques:

➢ A database needs instructions--tell it what to do!
➢ Databases use the Boolean Operators AND, OR to combine search terms.
➢ They use symbols such as truncation * to find variant spellings of a word.
➢ You can search for a phrase of two or more words by enclosing the words in quotation marks. E.g. searching for “Modern Psychology” will find only items containing this complete phrase.
Combining search terms
Using OR and AND

Use OR to add alternative ways of describing each search concept.
Use OR for terms that are similar
e.g. Sigmund Freud or Albert Bandura

This will INCREASE the number of results
Combining search terms
Using AND and OR

Use AND to include **ALL** your search terms in your results.

Use AND for terms that are **different**
  e.g. Albert Bandura and Contribution

This will **REDUCE** the number of results
Search terms explained

**Truncation** - is very useful in searching databases. Instead of just searching one term related to a topic, it can search terms that contain the same root word.

Use an *asterisk* * [Shift and 8 on a standard UK keyboard] e.g. **Contribut**

will find results containing

- **Contributes**
- **Contribution**
- **Contributed**
Search terms explained

Phrase searching

Use double quotation marks “ ” to keep words together in your search results

e.g. “Modern Psychology”
Access USearch from the Portal

- Login to Portal
- Click **Subject Guides** under **Quick Links**
- Go to the **Psychology guide**
- Click on the **Databases** tab
- Select **Usearch** to begin your search

[Click here to view a video of this step.]
**USearch**

**Some tips**

**USearch** searches and links to Library e-resources

Good starting point to find out what is available on a subject

Not all full text – look for a Full Text link or [U Find it](#)

For complex searches you must still use individual databases

Not everything the Library holds is covered
Add your search concepts
Use Advanced Search

Impact* or influence

AND

Sigmund Freud or Freudian

Click Search
Refine your results
Use the Refine panel to get the most relevant results

You could try…
- Limiting to Full Text
- Specifying a date range
- Academic journals
- English language

Or specify another aspect of your search
e.g. modern psychology
1. Robustness of weighted goal programming models: an analytical measure and its application to offshore wind-farm site selection in United Kingdom


Academic Journal
Robustness of weighted goal programming models: an analytical measure and its application to offshore wind-farm site selection in United Kingdom

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Source:

Publication: Springer New York LLC
Abstract:

An abstract is a concise summary of an academic text (such as a journal article. It serves two main purposes: To help potential readers determine the relevance of a paper for their own research. To communicate key findings to those who don’t have time to read the whole paper.

Abstract This paper proposes a method to measure robustness of weighted goal programming (WGP) models by focusing on random percentage changes in the set of observed technological coefficients that characterize the goal equations. The issue under consideration is to estimate the impact of the random percentage changes on the WGP deviations from the goal targets, the solution to the model before changes being kept equal. Normally distributed and independent percentage changes are assumed. As a result, a measure of robustness is obtained dependent on the parameters of the model, standard deviations of percentage changes, and the solution to the model before changes. A demonstration of the proposed robustness measure on an offshore wind-farm site location model from the literature is developed. The results indicate that robustness of proposed solution to the energy project is high. Conclusions are drawn as to the practicality and usage of the proposed model in comparison to other methodologies for handling uncertainty within the goal programming model.

Keywords Goal programming · Robustness · Technological variables · Randomness · Renewable energy
Article full-text
Ensure pop-ups are enabled on your device

• Click U Find it to check the Library’s e-journal holdings for a subscription
  • If we have a subscription, the full-text will load in a separate window

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Logging in to subscribed content

... then enter your Ulster email address and Network Password on this screen.

Please use your Ulster email address and network password, e.g. bloggs-j@ulster.ac.uk and your Portal/IT workstation password.

Sign in

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