



## INFORMATION LITERACY COURSE

DISCOVER, ACCESS AND USE INFORMATION EFFECTIVELY FOR YOUR RESEARCH AND ACADEMIC SUCCESS!

### **SESSION 1. Defining the object of information queries. Managing search tools and strategies.**

#### **A. Defining the object of information queries**

1. Cornell's 7 steps
2. You need information on a specific subject
  - identify and develop your topic or research question
  - types of information (primary and secondary sources)
3. Where to find it – resources
  - print materials (catalogues)
  - non book materials (catalogues)
  - online materials (databases - open access vs. Subscriptions)
  - importance of good research skills
4. Evaluate your results
  - reliability (author, publisher, date of publication, peer-reviewed)
5. Ethics and responsibility
  - copyright and plagiarism

#### **B. Managing search tools and strategies**

1. Resource overview
2. What is a database?
3. Specific resources
4. Search strategies
5. Search techniques
6. Create a search expression
7. Google vs. Subscription databases
- 8. Search/Teach Exercise**



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### SESSION 2. Evaluating information sources

1. Information Literacy (IL)
  - Concept and definitions
2. Why evaluate information sources?
  - Traditional and non-traditional information sources
3. Evaluating popular and scholarly information sources
  - Books, journals, newspapers and magazines
4. Evaluating web information sources
  - Criteria and evaluation “levels”
  - Institutional indicators and rankings
  - Classical and generic criteria for the evaluation of information sources
  - Evaluating websites
  - Problems in applying “classical” quality evaluation criteria to web information sources

#### Exercises

5. Final hints

### SESSION 3. Plagiarism, citation and referencing

#### A. Plagiarism and citation

1. Preparing a research project...
2. What is plagiarism?
  - Why is it a problem?
  - Different forms of plagiarism
3. How to detect plagiarism?
4. Strategies to avoid plagiarism
  - How to identify your sources
  - When do you need to quote?





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### Session 4. Bibliometrics and scientific publishing

#### 1. Bibliometrics

- Definitions
- Context
- How it can be used

#### 2. Assessment of Individuals

##### 1. Databases

#### EXERCISE 1 (10 min)

##### 2. Metrics and tools for individuals

#### EXERCISE 2 (20 min)

#### 3. Scientific publishing/ publishing strategies

- Metrics and tools for journals
  - Limitations
  - Other uses

#### 4. Publishing strategies

- Why publish in a journal?
- The review process
- Tools for authors
- Ethics and copyright
- Open access
- Visibility and researcher profiles

#### EXERCISE 3 (10 min)

- Altmetrics

