



JÖNKÖPING UNIVERSITY

Course outline

Information Literacy and Scholarly Communication, 3 higher education credits

Part I: Information literacy

Part II: Scholarly communication

Schedule

Date	Time	Room	Teacher
2017-10-17	09.00-12.00	C2032	Paola Johansson
2017-10-20	09.00-12.00	C2032	Paola Johansson
2017-10-24	09.00-11.00	C2032	Paola Johansson/Stefan Carlstein
2017-10-25	09.00-12.00	C3028	Stefan Carlstein
2017-10-31	09.00-12.00	C2032	Stefan Carlstein
2017-11-02	09.00-12.00	C2032	Stefan Carlstein
2017-11-13	<i>Examination reports for part I and part II should be sent in</i>		
2017-11-21	09.00-12.00	C2032	All: examination seminar
2017-11-22	09.00-12.00	C2032	All: examination seminar
2017-11-23	09.00-12.00	C2032	All: examination seminar

Tuesday 17 October, 09.00-12.00 (Part I)

Course introduction, literature reviews, the information gathering process, scientific publications.

To read before lecture

Articles for discussion (see discussions points below)

Krishnan & Ulrich (2001)

Ngai, Moon, Riggins & Yi (2008)

Generally for lecture

Jesson, Matheson, & Lacey (2011), pp. 9-25 (will be distributed)

Rumsey (2008), chapter 1.

Discussion points

Prepare for a discussion by reading Krishnan & Ulrich (2001) and Ngai, Moon, Riggins & Yi (2008). Note! It is only necessary to read first pages in each article, enough to answer the questions.

- What limitations have been set up before gathering the literature?
- How is the literature gathered?
- What criteria are used to eliminate irrelevant publications?

Friday 20 October, 09.00-12.00 (Part I)

Content

Search strategies, searching bibliographic databases, search results evaluation, evaluation of resources, citation searching, library databases.

Homework assignment (prepare for discussion)

Take a look on the database Scopus and Google Scholar and make a reflection with respect to:

- General usefulness: What important advantages and disadvantages do you see in each of them?
- Search functionality: How can a search be limited?

To read before lecture

Rumsey (2008), chapter 6, 7 and 11.

Tuesday 24 October, 09.00-11.00 (Part I)

Content

Setting up alerts, introduction to patent searching.

Homework assignment (prepare for discussion/demonstration)

- Try to identify the alert services in the library's databases that would be of most use in your doctoral studies.
- Set up at least one alert and be prepared to present it.

Wednesday 25 October, 09.00-12.00 (Part II)

Content

The history of scholarly communication, peer review, and open access.

To read before lecture

Articles for discussion (see below)

Oppenheim (2008)

Ware (2008)

Background reading: Jönköping University Library (2011)

Discussion points

Prepare for a discussion by reading Ware (2008) and Oppenheimer (2008).

- What do you think are the pros and cons of peer review? (Ware, 2008)

- What type of peer review (or other quality assessment) would you prefer concerning an article that you have written and want to publish? (Ware, 2008)
- How do you feel about being a reviewer yourself – on what grounds would you base your participation? (Ware, 2008)
- What possible advantages or disadvantages, for you as an author/researcher, would open access publishing give you? (Oppenheimer, 2008)
- What incentives would, for you, be most effective in order for you to parallel publish? (Oppenheimer, 2008)
- How would you reason about “gold” or “green” open access for your own publishing? (Oppenheimer, 2008)

Tuesday 31 October, 09.00-12.00 (Part II)

Content

Bibliometrics

To read before lecture

Articles for discussion (see below)

Hicks et al. (2015)

Pendlebury (2009)

Weingart (2005)

Discussion points

Prepare for a discussion by reading Pendlebury (2009), Weingart (2005), and Hicks et al. (2015).

- Why should you be careful of viewing citations as a proof of quality? (Pendlebury, 2009)
- What effects may bibliometric indicators have on the publishing behaviors of researchers? (Weingart, 2005)
- Contrast the peer-review process with the use of quantitative bibliometric indicators in research evaluation (Weingart, 2005; Hicks et al., 2015)

Thursday 2 November, 09.00-12.00 (Part II)

Content

Publication strategy

To read before lecture

Articles for discussion (see below)

Knight & Steinbach (2008)

Discussion points

Prepare for a discussion by reading Knight and Steinbach (2008).

- Think of different ways of choosing one or several journals to submit your article to, how would you pick them and what would your motives be?
- Discuss with a senior researcher at your department about how he/she chooses journals to publish in.

Monday 13 November

Last day for sending in the examination reports for part I and part II.

Tuesday 21 – Thursday 23 November – Examination seminars

Each course member should prepare a review of another student's reports. Instructions for the review will be presented. At the seminar, all course members are expected to present the review orally. Each course member choose one of the sessions.

Literature

Part I: Information literacy

Main book

Rumsey, S. (2008) *How to find information: A guide for researchers*. (2. ed.) Maidenhead: Open University Press. Retrieved from http://primo.library.ju.se/jul:jul_all:aleph_jul000446780

Additional literature (pp. 9-25, will be distributed)

Jesson, J., Matheson, L., & Lacey, F. M. (2011). *Doing your literature review : traditional and systematic techniques*. Los Angeles, Calif. ; London: SAGE.

As basis for discussion

Krishnan, V., & Ulrich, K. T. (2001). Product development decisions: A review of the literature. *Management Science*, 47(1), 1-21. Retrieved from <http://login.bibl.proxy.hj.se/login?url=http://search.proquest.com/docview/213176824?accountid=11754>

Ngai, E. W. T., Moon, K. K. L., Riggins, F. J., & Yi, C. Y. (2008). RFID research: An academic literature review (1995-2005) and future research directions. *International Journal of Production Economics*, 112(2), 510-520. Retrieved from <http://login.bibl.proxy.hj.se/login?url=http://dx.doi.org/10.1016/j.ijpe.2007.05.004>

Part II: Scholarly communication

Hicks, D., Wouters, P., Waltman, L., De Rijcke, S. & Rafols, I. (2015). Bibliometrics: The Leiden manifesto for research metrics. *Nature*, 520, 429-431. doi: [10.1038/520429a](https://doi.org/10.1038/520429a)

Jönköping University Library (2011). "Publishing and copyright". Retrieved from: <http://hj.se/bibl/en/research-teaching-support/open-access/publishing-and-copyright.html>

Knight, LV, & Steinbach, TA. (2008). Selecting an Appropriate Publication Outlet: A Comprehensive Model of Journal Selection Criteria for Researchers in a Broad Range of Academic Disciplines. *International Journal of Doctoral Studies*, 3, 59-79. Retrieved from <http://www.ijds.org/Volume3/IJDSv3p059-079Knight84.pdf>

Oppenheim, Charles. (2008). Electronic scholarly publishing and open access. *Journal of Information Science*, 34(4), 577-590. Retrieved from <http://login.bibl.proxy.hj.se/login?url=http://jis.sagepub.com/content/34/4/577.abstract>

Pendlebury, David. (2009). The use and misuse of journal metrics and other citation indicators. *Archivum Immunologiae et Therapiae Experimentalis*, 57(1), 1-11. Retrieved from <http://login.bibl.proxy.hj.se/login?url=http://www.springerlink.com/content/66561772n6638841/>

Ware, M. (2008). *Peer review: benefits, perceptions and alternatives*. Retrieved from http://ils.unc.edu/courses/2014_fall/inls690_109/Readings/Ware2008-PRCPeerReview.pdf

Weingart, Peter. (2005). Impact of bibliometrics upon the science system: Inadvertent consequences? *Scientometrics*, 62(1), 117-131. Retrieved from <http://login.bibl.proxy.hj.se/login?url=http://www.springerlink.com/content/n2303683271400611/>

(Further literature may be added.)