

Schedule will change: Check assignment dates weekly. Note that assignments are only roughly ordered by date.		UNC-CH SILS 520 Section 1 Fall 2018
Topic	Reading and Assignment Date	Reading(s)
I. INFORMATION AND REPRESENTATION	Wed Aug 22	
Introduction	Wed Aug 22	
Information and Entropies	Mon Aug 27	Read before class: Losee <i>Information From Processes</i>, Springer, 2012. Chapters 1&2
	Wed Sep 5	Hand in Exercises from InformationPractice.org handwritten or typed on paper.
	Wed Sep 5	Self-Information Exercise 1
	Wed Sep 5	Entropy Exercise 1
	Wed Sep 5	Equivocation Exercise 1
	Wed Sep 5	Mutual Information Exercise 3

Perception, Language and Information	Wed Sep 5	Read before class: Losee <i>Information From Processes</i> , Springer, 2012. Chapter 5
Representation	Mon Sep 10	Read before class: Losee <i>Information From Processes</i> , Springer, 2012. Chapters 2&3
Computer Representation Systems	Wed Sep 12	
Collection Development	Mon Oct 1	
II. STRUCTURED and SEMI-STRUCTURED INFO	Wed Oct 3	
Relational DB	Wed Oct 3	
	Mon Oct 8	Homework Exercise -- Functional Dependence number 3
Relational DB (continued)	Mon Oct 8	
	Mon Oct 15	Critique of: Dow, Kevin E; Hackbarth, Gary; Wong, Jeffrey "Data Architectures for an Organizational Memory Information System" Journal of the American Society for Information Science and Technology (2013) pp. 1345-1356.
III. UNSTRUCTURED INFO	Wed Oct 10	
Similarity and Ordering of Unstructured Information	Wed Oct 10	
	Mon Oct 22	Critique of McKay, Buchanan, and Chang. Tyranny of Distance: Understanding Academic Library Browsing by Refining the Neighbour Effect, Int'l Conference on Theory and Practice of Digital Libraries (TPDL) (2015)

Clustering	Wed Oct 17	
Measuring Indexing & Retrieval Performance	Wed Oct 24	
Popularity and Graphs	Wed Oct 31	
Social Networks	Mon Nov 5	
	Wed Nov 7	Critique of: Chu, Kuo-Chung, Lu, Hsin-Ki, Liu, Wen-I "Identifying Emerging Relationships in Healthcare Domain Journals via Citation Network Analysis", Information Technology & Libraries (March 2018) vol 37, Issue 1, pp 39-51.
III.1. ORGANIZING UNSTRUCTURED INFORMATION	Wed Nov 7	
Precoordinate vs post-coordinate systems	Wed Nov 7	
Dewey and LC	Wed Nov 7	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 2-3, 5
Colon (Ranganathan) and Precis	Wed Nov 14	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 6, 7
NLP	Wed Nov 14	
Term Dependence	Mon Nov 19	

Controlled Vocabulary, Thesaurus & Hierarchy, SKOS	Mon Nov 19	
	Wed Nov 28	Critique of Blair, Wang, Nestorov, Evans, Rzhetsky "Quantifying the Impact and Extent of Undocumented Biomedical Synonymy" in Public Library of Science: Computational Biology (2014)
	Mon Nov 26	
RDA & MARC	Mon Nov 26	
III.2. OTHER ISSUES	Wed Nov 28	
Uncontrolled Vocabularies and Folksonomies	Wed Nov 28	
	Wed Dec 5 Last Class	Critique of: Choi, Youngok. "The Nature of Tags in a Knowledge Organization System of Primary Visual Resources." Journal of Library Metadata (2017). p. 37-53
MetaInformation and MetaKnowledge	Mon Dec 3	
Organizing for Browsing & Gray Codes	Wed Dec 5 Last Class	
Conclusion	Wed Dec 5 Last Class	