

<p>Schedule will change: Check assignment dates weekly. Note that assignments are only roughly ordered by date.</p>		<h2 style="text-align: center;">UNC-CH SILS 520 Section 1 Fall 2017</h2>
Topic	Reading and Assignment Date	Reading(s)
I. INFORMATION AND REPRESENTATION	Wed Aug 23	
Introduction	Wed Aug 23	
Information and Entropies	Mon Aug 28	<p>Read before class: Losee <i>Information From Processes</i>, Springer, 2012. Chapters 1&2</p>
	Wed Sep 6	<p>Hand in Exercises from InformationPractice.org handwritten or typed on paper.</p>
	Wed Sep 6	<p>Self-Information Exercise 1</p>
	Wed Sep 6	<p>Entropy Exercise 1</p>
	Wed Sep 6	<p>Equivocation Exercise 1</p>
	Wed Sep 6	<p>Mutual Information Exercise 3</p>

Perception, Language and Information	Wed Sep 6	Read before class: Losee <i>Information From Processes</i> , Springer, 2012. Chapter 5
Representation	Mon Sep 11	Read before class: Losee <i>Information From Processes</i> , Springer, 2012. Chapters 2&3
Computer Representation Systems	Wed Sep 13	
Collection Development	Wed Sep 27	
II. STRUCTURED and SEMI-STRUCTURED INFO	Mon Oct 2	
Relational DB	Mon Oct 2	
	Wed Oct 4	Homework Exercise -- Functional Dependence number 3
Relational DB (continued)	Wed Oct 4	
	Wed Oct 11	Critique of: Dow, Kevin E; Hackbarth, Gary; Wong, Jeffrey "Data Architectures for an Organizational Memory Information System" <i>Journal of the American Society for Information Science and Technology</i> (2013) pp. 1345-1356.
III. UNSTRUCTURED INFO	Mon Oct 9	
Similarity and Ordering of Unstructured Information	Mon Oct 9	
	Mon Oct 23	Critique of McKay, Buchanan, and Chang. Tyranny of Distance: Understanding Academic Library Browsing by Refining the Neighbour Effect, <i>Int'l Conference on Theory and Practice of Digital Libraries (TPDL)</i> (2015)

Clustering	Wed Oct 18	
Measuring Indexing & Retrieval Performance	Mon Oct 23	
Popularity and Graphs	Mon Oct 30	
Social Networks	Wed Nov 1	
	Mon Nov 6	Critique of: Wallace, Matthew L; Larivière, Vincent; Gingras, Yves "A Small World of Citations? The Influence of Collaboration Networks on Citation Practices", Public Library of Science (2012).
III.1. ORGANIZING UNSTRUCTURED INFORMATION	Mon Nov 6	
Precoordinate vs post-coordinate systems	Mon Nov 6	
Dewey and LC	Mon Nov 6	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 2-3, 5
	Mon Nov 13	Critique of: Ma, Zongyang 1 ; Sun, Aixin; Cong, Gao, "On Predicting the Popularity of Newly Emerging Hashtags in Twitter", JASIST (2013) pp 1399-1410.
Colon (Ranganathan) and Precis	Mon Nov 13	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 6, 7
NLP	Mon Nov 13	

Term Dependence	Wed Nov 15	
Controlled Vocabulary, Thesaurus & Hierarchy, SKOS	Wed Nov 15	
	Wed Nov 27	Critique of Blair, Wang, Nestorov, Evans, Rzhetsky "Quantifying the Impact and Extent of Undocumented Biomedical Synonymy" in Public Library of Science: Computational Biology (2014)
	Wed Nov 27	OR (one but not both)
	Wed Nov 27	Critique of: Willis, Craig and Losee, Robert "A random walk on an ontology: Using thesaurus structure for automatic subject indexing" Journal of the American Society for Information Science and Technology (2013) pp. 1330-1344.
	Mon Nov 20	
RDA & MARC	Mon Nov 20	
III.2. OTHER ISSUES	Wed Nov 27	
Uncontrolled Vocabularies and Folksonomies	Wed Nov 27	
	Mon Dec 4	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 Nov 29	

Organizing for Browsing & Gray Codes	Mon Dec 4	
Conclusion	Wed Dec 6 Last Class	