UNIVERSITY OF WISCONSIN-MILWAUKEE
School of Information Studies

INFOST 710 – Comparative Bibliography

Fall 2018: September 4-December 13

Draft Syllabus

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Fax: 414-229-6699

Meeting Times & Location: online

CATALOG DESCRIPTION:

An introduction to concepts of knowledge records and the artifacts that convey them. A survey of the techniques of enumerative, descriptive, and analytical bibliography, and bibliometric domain analysis. 3 credits.

GENERAL DESCRIPTION:

Using the four comparative techniques, students will engage in the comparative study of recorded knowledge in documents. Working in individually selected topical areas, students will compile an enumerative bibliography, learning exhaustive and selective techniques. Students will describe and analytically compare descriptions of one work. Students will use bibliometric techniques for domain analysis. Students will present work in seminar fashion. Students will need a topical area that is relatively rich with classic texts and journal articles, but beyond that it is best to select an area that can have well-defined boundaries.

PREREQUISITES:

INFOST 511 Organization of Information

Basic computer literacy as outlined in the SOIS policy:
http://www.uwm.edu/Dept/SOIS/academics/MLIS/mliscompl.htm

SOIS technology requirements for distance learning:
http://www.uwm.edu/Dept/SLIS/academics/DE/depttechreq.htm
LEARNING OUTCOMES:

Upon completion of this course students will be able to demonstrate the following SOIS Program Outcomes:

• Analyze a domain to identify its classical, seminal and critical new works. (Assignment 1, 4; Presentation; Discussions)
• Develop an annotated bibliography of the core works in the domain (Assignment 1, 3, 4; Presentation; Discussions)
• Analyze the publishing history of a seminal work in the domain and develop a narrative (Assignment 2; Presentation; Discussions)
• Analyze the citation patterns in the domain and demonstrate familiarity with informetric measures (Assignment 3; Presentation; Discussions)
• Develop a core library collection (Assignment 4; Discussions).
• Demonstrate the ability to articulate the core knowledge base of a domain (Presentations; Discussions)

AMERICAN LIBRARY ASSOCIATION (ALA) CORE COMPETENCIES COVERED:

1A. Foundations of the profession. The ethics, values and foundational principles of information organization.
2A. Information resources. The ontological content of documents.
3A-C. Organization of recorded knowledge. Principles, descriptive skills, and systems of knowledge organization, especially knowledge representation, and informetrics.
6A. Research. Bibliography, analytical bibliography, and domain analysis as core research methods.
8C. Administration and management. Assessing and evaluating library collections and services; developing collaborative collection policies.

DIVERSITY:

Diversity is embraced in the ethical selection of resources for all potential users, and in the use of knowledge organization systems for resource discovery. In particular, identifying, selecting and making available controversial resources in differing domains is addressed.
METHOD:
Lecture (online) via learning modules. Practice using student-selected resources to create bibliography, analyses, and collection development modules. Seminar method is used for students to share their work and comment collectively throughout the course. Discussion modules are used for depth of comprehension of basic readings.

REQUIRED TEXTS:


OTHER REQUIRED READINGS:


ASSIGNMENTS:

The course is developed around the analysis of an intellectual domain using four specific techniques. Each assignment is worth 15% of the course grade; the presentation of each assignment to the class is worth 5% of the course grade.

Assignment 1: Exhaustive bibliography. Create an enumerative bibliography on a subject (domain) of your choice. The bibliography, while exhaustive in conception, should be selective in final form. Generally speaking, a bibliography of 8-10 pages (typed, and double-spaced) will be expected. Citations should be formulated according to The Chicago...
Manual of Style (any acceptable style in the CMS). Optional annotations should be brief. An introduction of 1-3 pages should explain all selection decisions, and the order of display.

Assignment 2: Describe a single work. Select a work from assignment 1, and identify one copy that you can examine personally. Provide an analytical description (according to Gaskell) of that work. Using instantiation theory (according to Smiraglia) compile a complete network of instantiations of that work. Provide a brief narrative (3-5 paragraphs) of the life-cycle of the work.

Assignment 3: Informetrics. Find your work from assignment 2 in Web of Science. Compile it’s citation history. Using the citations to the work, compile a half-life of literature related to your work (see Lotka). Identify journals citing your work and compile a distribution of their productivity in your work’s domain. Discover the research front among authors in your domain. Prepare a distribution of their productivity. Provide a brief narrative (1 page) about the informetrics of your domain.

Assignment 4: A basic collection. Now divide the works from assignment 1 into those that would be seminal for a research collection, those that would be critical for depth, and classical works (that could, for example, be available remotely). Designate the works in your list using RLG Collecting levels, then use White’s brief test technique to discover how many libraries in OCLC own copies. Discuss in your narrative the relationship between your collecting level decisions and the brief test metrics.

CLASS PARTICIPATION:

Class participation will be based on regular presentations of your work online, and substantive contributions to online class discussions.

WORKLOAD:

Students should be devote 10 hours to this course each week, including outside reading, time devoted to completion of the assignments, and participation in weekly online discussions. Total semester time allotment is 144 hours.

COURSE SCHEDULE:

<table>
<thead>
<tr>
<th>In this week:</th>
<th>These topics are addressed:</th>
<th>Accompanied by these readings:</th>
<th>This is due:</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction to Comparative Bibliography</td>
<td>Tanselle <em>Rationale</em></td>
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<td>2</td>
<td>Bibliographical Form</td>
<td>Tanselle &quot;Bibliographers&quot;</td>
<td>Abstract identifying your subject domain</td>
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<td>3</td>
<td>Enumerative Bibliography</td>
<td>Krummel <em>Bibliographies ... Aims and Methods</em></td>
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<td>4</td>
<td>Dialectics of Bibliography</td>
<td>Krummel &quot;Dialectics&quot;</td>
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<td>5</td>
<td>The Book, The Author</td>
<td>Johns, <em>The Nature of the Book</em></td>
<td>Assignment 1 and presentation</td>
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<td>7</td>
<td>Historical Bibliography; Descriptive and Analytical Bibliography</td>
<td>Anderson &quot;Emergence&quot; Krummel &quot;Historical bibliography&quot; Tanselle &quot;Bibliographical history&quot; Gaskell New introduction Buckridge &quot;Generations&quot; Cox &quot;Lester J. Cappon&quot; DeFelice &quot;Indian Treaties&quot; Rhodes, &quot;Barnard Hampton&quot; Topulos &quot;Bookshelf&quot;</td>
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<td>8</td>
<td>Bibliographic relationships; Instantiation networks</td>
<td>Smiraglia &quot;The works phenomenon ...&quot; Smiraglia &quot;A meta-analysis of instantiation ...&quot; Assignment 2 and presentation</td>
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<td>9</td>
<td><em>The Man Who Wanted to Classify the World</em> (video)</td>
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<td>10</td>
<td>Informetric analysis; Citation analysis</td>
<td>Smiraglia Domain Analysis Bradford Lotka</td>
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<td>11</td>
<td>Author co-citation analysis</td>
<td>Smiraglia “Prologomena” Smiraglia “Domain Analysis of Domain Analysis in KO”</td>
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<td>12</td>
<td>Co-word analysis</td>
<td>Assignment 3 and presentation</td>
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<td>13</td>
<td>Collection development and selection</td>
<td>Knievel and Kellsey</td>
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<td>14</td>
<td>Collection analysis</td>
<td>White <em>Brief Tests</em> Assignment 4 and presentation</td>
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<td>15</td>
<td>Summary of comparative method</td>
<td>White Bates and Wilson <em>For Information Specialists</em></td>
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**EVALUATION:**

<table>
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<tr>
<th>Course Object</th>
<th>Percentage</th>
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<tr>
<td>Assignments 1-4 15% apiece</td>
<td>60%</td>
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<tr>
<td>Presentations assgn. 1-4, 5% for each assignment presentation</td>
<td>20%</td>
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<tr>
<td>Class participation online discussions</td>
<td>20%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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**GRADING SCALE:**
### UWM AND SOIS ACADEMIC POLICIES:

The following links contain university policies affecting all SOIS students. Many of the links below may be accessed through a PDF document maintained by the Secretary of the University: [http://www.uwm.edu/Dept/SecU/SyllabusLinks.pdf](http://www.uwm.edu/Dept/SecU/SyllabusLinks.pdf). Undergraduates may also find the Panther Planner and Undergraduate Student Handbook useful ([http://www4.uwm.edu/osl/students/](http://www4.uwm.edu/osl/students/)). For graduate students, there are additional guidelines from the Graduate School ([http://www.graduateschool.uwm.edu/students/current/](http://www.graduateschool.uwm.edu/students/current/)), including those found in the Graduate Student and Faculty Handbook: [http://www.graduateschool.uwm.edu/students/policies/expanded/](http://www.graduateschool.uwm.edu/students/policies/expanded/).

**Students with disabilities.** If you will need accommodations in order to meet any of the requirements of a course, please contact the instructor as soon as possible. Students with disabilities are responsible to communicate directly with the instructor to ensure special accommodation in a timely manner. There is comprehensive coverage of issues related to disabilities at the Student Accessibility Center ([http://www4.uwm.edu/sac/](http://www4.uwm.edu/sac/)), important components of which are expressed here: [http://www.uwm.edu/Dept/DSAD/SAC/SACItr.pdf](http://www.uwm.edu/Dept/DSAD/SAC/SACItr.pdf).

**Religious observances.** Students’ sincerely held religious beliefs must be reasonably accommodated with respect to all examinations and other academic requirements, according to the following policy: [http://www4.uwm.edu/secu/docs/other/S1.5.htm](http://www4.uwm.edu/secu/docs/other/S1.5.htm). Please notify your instructor within the first three weeks of the Fall or Spring Term (first week of shorter-term or Summer courses) of any specific days or dates on which you request relief from an examination or academic requirement for religious observances.
Students called to active military duty. UWM has several policies that accommodate students who must temporarily lay aside their educational pursuits when called to active duty in the military (see http://www4.uwm.edu/academics/military.cfm), including provisions for refunds, readmission, grading, and other situations.

Incompletes. A notation of “incomplete” may be given in lieu of a final grade to a student who has carried a subject successfully until the end of a semester but who, because of illness or other unusual and substantial cause beyond the student’s control, has been unable to take or complete the final examination or some limited amount of other term work. An incomplete is not given unless the student proves to the instructor that s/he was prevented from completing course requirements for just cause as indicated above (http://www4.uwm.edu/secu/docs/other/S31.pdf).

Discriminatory conduct (such as sexual harassment). UWM and SOIS are committed to building and maintaining a campus environment that recognizes the inherent worth and dignity of every person, fosters tolerance, sensitivity, understanding, and mutual respect, and encourages the members of its community to strive to reach their full potential. The UWM policy statement (http://www4.uwm.edu/secu/docs/other/S47.pdf) summarizes and defines situations that constitute discriminatory conduct. If you have questions, please contact an appropriate SOIS administrator.

Academic misconduct. Cheating on exams and plagiarism are violations of the academic honor code and carry severe sanctions, ranging from a failing grade for a course or assignment to expulsion from the University. See the following document (http://www4.uwm.edu/osl/dean/conduct.cfm) or contact the SOIS Investigating Officer (currently the Associate Dean) for more information.

Complaints. Students may direct complaints to the SOIS Dean or Associate Dean. If the complaint allegedly violates a specific university policy, it may be directed to the appropriate university office responsible for enforcing the policy (http://www4.uwm.edu/secu/docs/other/S49.7.htm).

Grade appeal procedures. A student may appeal a grade on the grounds that it is based on a capricious or arbitrary decision of the course instructor. Such an appeal shall follow SOIS appeals procedures or, in the case of a graduate student, the Graduate School. These procedures are available in writing from the respective department chairperson or the Academic Dean of the College/School (http://www4.uwm.edu/secu/docs/other/S28.htm).