An introduction to concepts of knowledge records (i.e. documents, information objects, etc.) and the artifacts that convey them. A survey of the techniques of enumerative, descriptive, and analytical bibliography, and bibliometric domain analysis. 3 credits.

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/mliscomplim.htm

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

OBJECTIVES:

1) Master skills for collection development (selection, bibliographic analysis);
2) Practice decision-making for enumerative bibliography;
3) Improve mastery of bibliographic research methods; and,
4) Master bibliographic control.
**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.

**TEXTS:**


(This book is essential but OUT OF PRINT; the text will be available online; sometimes used copies can be purchased online.)


**Other Required Readings (selected monographs):**


**electronic resource see UWM catalog:** Di Bellis, Nicola. 2009. Bibliometrics and citation analysis: from the Science Citation Index to Cybermetrics. Lanham, Md.: Scarecrow.


**electronic resource see UWM catalog:** Mundaneum: archives of knowledge. 2010. trans. and adapted by W. Boyd Rayward. Occasional papers no. 215. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign.


**Other Required Readings (journal articles):**


**COURSE SCHEDULE:**

<table>
<thead>
<tr>
<th>We will address these Topics</th>
<th>Accompanied by these Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Introduction to Knowledge Artifacts, Bibliographical Form.</td>
<td>[Tanselle <em>Rationale</em>]</td>
</tr>
<tr>
<td>II. Introduction to Bibliography.</td>
<td></td>
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<tr>
<td>Section</td>
<td>Bibliographic References</td>
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</table>
| III. Enumerative Bibliography--Style, Exhaustive, Selective | Tanselle "Bibliographers"
| | Krummel *BAM*
| | Krummel "Dialectics"
| | Johns, *The nature of the book*, chapters 1, 3 and 6
| | Anderson "Emergence"
| | Foucault, “What is an author?”
| V. Historical Bibliography--Descriptive, Analytical | Krummel "Historical bibliography"
| | Tanselle "Bibliographical history"
| VI. Bibliographic Families. Bibliographic Relationships. Instantiation | Gaskell *New introduction*
| | Buckridge "Generations"
| | Topulos "Bookshelf"
| | Smiraglia *Nature of a work*
| | Smiraglia "The works phenomenon ..."
| | Smiraglia "A meta-analysis of instantiation ..."
| VII. Bibliometric Analysis | Lotka "Frequency"
| | Bradford *Documentation*
| VIII. Author co-citation analysis; Co-word analysis. | McCain "Mapping"
| | Smiraglia "Music information retrieval ..."
| | Smiraglia "Redefining the "S" in ISMIR ..."
| IX. Collection Development, Selection, and Analysis | Knievel and Kellsey "Citation analysis"
| | White *Brief tests*
| X. Summary of Comparative Method | White "External memory"
| | Wilson "Pragmatic bibliography"
<table>
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<th>Course Object</th>
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<tbody>
<tr>
<td>Assignments</td>
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<tr>
<td>Class participation</td>
<td>30%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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**GRADING SCALE:**

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<tr>
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<td>91-95</td>
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<td>B+</td>
<td>87-90</td>
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<td>B</td>
<td>84-86</td>
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<td>B-</td>
<td>80-83</td>
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<tr>
<td>C+</td>
<td>77-79</td>
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<td>Below 60</td>
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<tr>
<td>60-69</td>
<td>D</td>
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<tr>
<td>64-66</td>
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<td>67-69</td>
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<tr>
<td>70-73</td>
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<tr>
<td>74-76</td>
<td>B-</td>
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**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/SACltr.pdf](http://www.uwm.edu/Dept/DSAD/SAC/SACltr.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).