

1-2013

ENST 201.01: Environmental Information Resources

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ENST 201 Environmental Information Resources Spring 2013

WHEN: TR 12:40- 2pm

WHERE: SS 258 & ML 283

Subject to Change

Instructors:	Office hours	phone	email
Barry Brown, Science Librarian, Mansfield	Friday 3:10-4pm or by appt; Mansfield 327	X 6811	barry.brown@umontana.edu
Vicki Watson, Env. Studies	TR 2-4pm; 101 Natural Science	X 5153	vicki.watson@umontana.edu

Purpose: How to find, evaluate, and use existing information to increase understanding of environmental issues and resolve controversies. Students will: RESEARCH a subject, using a variety of sources (refereed literature, government sources, internet sources, interviews); EVALUATE sources critically; SYNTHESIZE INFORMATION & WRITE a literature review and give a formal TALK on their topic. Focus is on CRITICAL THINKING and dealing with the INFORMATION EXPLOSION.

wk	DATE	Instructor/Topic	Read before class	Work due	Date Due
1	Jan. 29 & 31	Watson Course overview; Purposes of info search/literature review; Kinds & credibility of sources. Planning literature research: defining topic, audience, scope. Citing sources; plagiarism.	CT chs 1-2 LR ch 1-2 eres guides 1-3,7	email VW your resume by subscribe to EVST news	Jan 31, R
2	Feb 5 & 7	Watson--Scientific controversy & consensus; critical thinking & evaluating sources; Levels of review & examples of lit reviews; developing an annotated bibliography (8); Read a secondary research paper (Belsky or Meyer); Library tour 1:40-2pm	CT 3-5, LR 3 eres 8, 9 eres-Belsky or Meyer	proposal 1	Feb 5, T
3	Feb 12 & 14	Brown 1 --(in library 283) Search Statements & Electronic Indexes Note -- meet in Mansfield Library room 283 for ALL lectures by Brown	CT chs 6-8 LR Ch 4-5	proposal 2	Feb 12, T
4	Feb 19 Feb 21	Watson -- Organizing a lit review or secondary research paper (eres 4) Watson -- Critically evaluating primary research (eres 5,Schmeterling). What is evidence? final proposal (eres 6) due next week (similar to first part of paper)	CT 9-10, LR 6-7 eres 4, 5, 6 eres-Schmeterling	email LSA I 40 pts	Feb 19, T
5	Feb 26 & 28	Brown 2-- (library 283) Citation Indexes & Bibliographic Management Programs	CT chs 11 to end	FINAL proposal 20 pts	Feb 26, T
6	Mar 5, 7	Brown 3--(library 283) Library Catalogs & Newspaper Indexes (Mansfield 283)	** Lomborg eres- Oreskes	email LSA II 40 pts	Mar 5, T
7	Mar 12, 14	Watson Finding scientific consensus; who to believe in scientific controversies; outlining/organizing/synthesizing (eres 4), plagiarism(7), citations (9) expert interviews (eres 10); writing tips (eres 13) SCI FAIR SIGNUP	LR ch 8 eres 4, 7,9, 10, 13	email LSA III 40 pts	Mar 12, T

ENST 201 Spring 2001 syllabus (cont)			Assignment	Work due	Date due
8	Mar 18 Mon Mar 19, 21	SCIENCE FAIR 11am to 3pm (+20 pts for serving as judge) Brown 4 -- Web Information & Search Engines	Shift from search to analysis & synthesis	Paper Outline 40 pts	Mar 19, T
9	Mar 26, 28	Watson -- present your outlines (bring paper copy & email watson an e-version) (NOTE annotated biblio due after break, see eres 8)	LR ch 9-10 eres 8	email LSA IV 40 pts	Mar 26, T
10	April 1-5	~~~~~ Spring Break ~~~~~			
11	April 9, 11	VW-- Effective presentations (see eres 11, 12), abstracts (eres 14) ; more outlines (extra credit for presenting at undergrad research symposium, april 12)	LR ch 11-13 eres 11-14	annotated biblio 40pts (journal review)	Apr 9, T
12	Apr 16, 18	Student presentations (6) if help with Earth Week (Apr 20-27), can get extension on pap	LR ch 14		
13	Apr 23, 25	Student presentations (6) www.umt.edu/earthday	eres 16 checklist		
14	Apr 30, May 2	Student presentations (6)	eres 5 (2nd pg)	Final Paper	Apr 30, T
15	May 7, 9	Student presentations (6) & Class Evaluations		E-day extension papers due	May 7, T
May 15; 8-10 am Student presentations (6) (NOTE!! different time & additional time may be needed)				peer review 20pts	May 15, W

Note: Brown's assignments (LSA I to IV) are to be emailed to him by NOON on the due date.

Watson's assignments are due as hard copies at BEGINNING of class on due date. Loss of points after class starts.

Late work loses 10 pts the first day & 5pts/day after. (optional work can be emailed; put your name in file name)

Grading:		
(see eres 15)	20 points each for final proposal & for your peer review of another student's paper	40
	40 points each for your paper outline and annotated bibliography	80
	40 points each for Brown's assignments (LSA 1-4)	160
	100 pts for your lit review paper; turn in 2 hard copies & email a copy as an attachment	100
	40 pts for your oral presentation	40
	80 pts for participation (each day bring to class favorite tip from that day's reading)	80
	(assignments in parenthesis are ungraded, feedback only) Grade = % of 500 pts earned	500
	All readings and Instructions for all assignments are on e-reserve. Some texts on reserve	
	Save ALL your work (including drafts with comments on them) in a portfolio for possible check.	
	How to lose points: late work, missing class, coming to class late or leaving early, having no portfolio	

Assigned reading: CT = Critical Thinking book by Browne & Keeley, LR = Lit Review book by Galvin; + guides & papers on e-reserve

**read about Lomborg & one rebuttal at <http://grist.org/series/a-skeptical-look-at-the-skeptical-environmentalist/>

***Dropping or changing grading systems becomes progressively harder after 4:30pm on these dates: Feb 15, April 8, May 10 (no way!)* ** SEE FAQ