

**EIP Sophomore Seminar
General Studies 391B
Autumn 2008**

Mondays 3:30-4:50pm

Denny 304

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Definition of Seminar: **a.** A course of study pursued by a group of advanced college or graduate students who do independent research under the guidance of a professor. **b.** A meeting of such a group. **c.** A meeting for an exchange of ideas.

OBJECTIVES

The broad purposes of this seminar are to help you explore your academic and professional interests, as well as to help you develop your research interests and skills. In this course, you will have the chance for a yearlong exploration of a research project and post-baccalaureate options. The course provides you with an arena where you can develop an understanding of the structure and system of research; identify how research influences your undergraduate experiences; develop strategies and techniques for maximizing your undergraduate research experience; explore your academic and professional interests; and gain exposure to a variety of different graduate and professional programs.

REQUIREMENTS AND GRADING

This is a credit/no credit class. Please know now that the class is offered for 1-4 units, but what level of units you choose is up to you. We will expect the same amount of involvement from each other, regardless of the number of units. For this quarter, you will receive credit if you:

- *Attend 8 of 10 class sessions (in other words, you are allowed two unexcused absences);
- *Turn in other assignments as required;
- *Introduce yourself to the McNair/EIP staff members (Schmitz Hall 377)

COURSE SCHEDULE

FYI: If you opt to continue in Winter and Spring quarters, you will be doing a general independent study with me.

<u>DATE</u>	<u>CLASS</u>
Sept. 29	Seminar Introductions Overview of this quarter (and the year) Why graduate school? What is the McNair Program/EIP/GREs/SROP? How do we acquire knowledge/research? Prefix <u>r</u> esearch & Why do we acquire knowledge?

- Oct 6 Basic Anatomy of research
Vocabulary related to research
What could go wrong in research and practice
Types of research methods
Research question
VISIT: McNair Graduate Student Advisors (Teresa Mares(Y))
Assignment: Your research question (*Due next class*)
- Oct 13 How to write: Three basic stages/elements of research proposal and product
Begin to work on research proposal
VISIT:
Assignment: Affiliate with the EIP/Meet with an EIP Counselor (*Done by next class*)
- Oct 20 The literature review, where and how to find literature
VISIT:
Assignment: Why is your research important?/So what?/Base on what ?(*Due next class*)
- Oct 27 Conceptual framework: The role of theory in research/definition of theory (revisit)
VISIT:
Assignment: How are you going to answer your research question?/Research Method
(*Due next class*)
- Nov 3 Methodology discussion (i.e., "Big Questions")
VISIT:
Assignment: What is your hypothesis? & Anticipated results
- Nov 10 Analysis/Interpretation (revisit logical and research fallacies)
VISIT:
- Nov 17 Ethics, responsibilities of researcher (re-visited)
Human subjects review board
VISIT: somebody from --
http://www.washington.edu/research/hsd/training_req.html
Assignment: Reflection essay "Responsibility" (*Due next class*)
- Nov 24 **NO CLASS/LIBRARY TIME [HOLIDAY]**
- Dec 1 **NO CLASS/LIBRARY TIME** Gene in Conference
- Dec 8 Feedback on research questions and proposals
Overview of next quarter
VISIT: TBA
- December 12 RESEARCH PROPOSAL DUE AT THE LATEST!**