

Environmental and Energy Issues  
Political Science 332  
Fall 2013: Tuesday and Thursday 10-11:30, MacMillan G052

Professor Lowry ([lowry@wustl.edu](mailto:lowry@wustl.edu))      Office: Seigle 234  
Telephone: 935-5821                                      Office Hours: Wednesday 2-4

### Description

This course provides a broad overview of major issues in these important areas of public policy. We emphasize the American experience, but also address international aspects of these issues. As the title of the course suggests, the material is roughly divided into two parts. The first part looks at environmental policy broadly by discussing historical development, the impact of the American political system, and basic issues in lands and species. In the second part of the course, after brief consideration of population and food, we focus largely on energy issues.

### Grades

We will have two exams and a research paper due (in hard copy) at the end of the semester. Each is worth 100 points. Five points will be taken off the score for the paper for each day it is late, starting with the morning it is due. We will also require attendance for the last week of class. Notice that the dates for the exams are listed. We print these in advance because these are the only days you can take these exams.

### Reading

We will use two books and a variety of papers on electronic reserve or to be delivered online. The two books, listed below, are available at the Campus Bookstore.

Lowry: *Repairing Paradise*

Bryner and Duffy: *Integrating Climate, Energy, and Air Pollution Policies*

We reserve the right to make changes in this syllabus if necessary.

<u>Dates</u>	<u>Topics</u>	<u>Reading ( * on ERES or made available)</u>
8/27 8/29	Introduction Getting on Political Agenda	Hardin, "Tragedy of the Commons" *
9/3-9/5	Shaping the Agenda	"Death of Environmentalism" * "Debating the Earth"*
9/10-9/12	Formulation of Policies	Kraft, "Env Policy over 4 Decades" * Lowry, Chapter 1
9/17-9/19	Implementation of Policies	Rabe, "Racing to the Top" * Lowry, Chapter 5
9/24-9/26	Evaluation of Policies	Lowry, Chapter 3 TBA
10/1-10/3	Species and Lands	Lowry, Chapter 2 "Wilson on biodiversity" *
10/8 10/10	Catch-up and Review Exam	Lowry, Chapter 6
10/15-10/17	Population, Food and Water	Bourne, "Global Food Crisis" * "Desalination" *
10/22-10/24	Energy and Coal	"Gas Crisis" * Bryner, Chapter 4
10/29-10/31	Oil and Natural Gas	Bryner, Chapter 6 MIT on natural gas: 1-16 *
11/5-11/7	Climate Change	Bryner, Chapter 3 Lizza, "As the World Burns" *
11/12-11/14	Nuclear and Alternatives	MacFarlane, "Nuclear Power" * "Geoengineering" *
11/19-11/21	Efficiency and Renewables	Bryner, Chapter 5
11/26	Final Exam	
12/3-12/5	Topics and Papers (Paper due at start of class on 12/5)	