

Chernobyl and Ukraine: Recovery from Catastrophe and the Renaissance of Nuclear Power

June 25 - July 29, 2007



Learn firsthand about the environment, history and culture of Ukraine and the catastrophic explosion at the Chernobyl Nuclear Power Plant in 1986, and explore the implications of these events for the future of nuclear power.



**Orientation Meeting:
Tuesday, April 10**

4:30-6:00 pm at

The Evergreen State College - CAB 110

*This course may be taken either for
academic credit or through Extended Education*

Extended
EDUCATION
at evergreen

A near meltdown of a nuclear reactor at Three Mile Island, Pennsylvania, in 1979 generated great concern about the safety of these machines. Even worse were the events in Ukraine in 1986. A reactor near the ancient Ukrainian village of Chernobyl exploded, sending radioactive debris over large areas of what are now Ukraine, Belarus and Russia. Considerable radioactive debris also fell in the rest of Europe, and the most heavily contaminated areas remain dangerous to this day. Ukraine is still recovering from the accident.

These two widely known accidents plus adverse economics left the nuclear power industry moribund for nearly thirty years. No utility company wanted to build a new reactor because of its negative public image.

Within the past year, however, several countries, including the United States, have submitted serious proposals to revive nuclear power to alleviate multiple problems associated with fossil fuels (oil, coal and gas). Proponents claim that new reactor designs minimize the fears raised by Three Mile Island and Chernobyl. Equally important, say proponents, nuclear power will alleviate global climate change and the insecurity of reliance on oil from the Middle East.

An important way to examine the proposal for a “nuclear renaissance” is to reconstruct the disaster at Chernobyl in 1986 and its aftermath, including its possible role in the dissolution of the Soviet Union. Ukraine became an independent republic in 1991.

This course offers an opportunity to study the impacts of the Chernobyl accident, especially on Ukraine, and thereby gain insights into the challenges posed by a nuclear renaissance.

This course may be taken for academic credit (4 or 8 credits). Community members may also register for the course through Extended Education.



Academic Credit

The class will meet in Olympia, WA, for the first three weeks (June 25 – July 13). Lectures and readings will outline the features of nuclear power, Ukraine's history, the accident, its consequences and the prospects of the proposed nuclear renaissance.

Students will reside in Kyiv, Ukraine, for the last two weeks (July 14 – 29). In Kyiv, the class will hear from individuals, government experts, environmental and health scientists, the media, non-governmental organizations and others. Course readings will consist of books and articles. Films and artistic exhibits will provide visual images. Field trips will introduce the city of Kyiv, including St. Sophia Cathedral, Lavra monastery and other major sights. There will be a one-day field trip to the reactor site and the abandoned towns of Pripjat and Chernobyl. Before this latter trip, the class will examine the risks associated with the radiation exposures at the reactor site. Visits to the reactor site are optional.

This course is for advanced undergraduates and graduate students in environmental studies, cultural studies, political economy, science-society relations, and science and public policy.

Undergraduates may register for 8 credit hours, and graduate students may register for 4 credit hours. Students must have junior standing or above. Students who have skills in Ukrainian or Russian language will have a richer experience, but these are not required. Enrollment in Evergreen's Summer School does not require formal admission to the College. Approval of the instructor is required for all participants. Contact John Perkins at perkinsj@evergreen.edu

In addition to tuition, participants will be responsible for paying their transport expenses, lodging, and food, both in Olympia and in Kyiv. The expenses to reach and stay in Kyiv are estimated to be about \$2,225 per person (double occupancy) or \$2,600 (single occupancy).

Tuition

Tuition charges will be approximately:

Enrollment	Credits	Price
Resident undergraduate	8	\$1190
Non-resident undergraduate	8	\$2742
Resident graduate	4	\$945
Non-resident graduate	4	\$1371

Final tuition rates will be available from www.evergreen.edu/summerschool by April 2007.

Payment Deadlines

An application to enroll and a deposit of \$2225 (\$2600 single occupancy) are required no later than **Thursday, May 10, 2007**. Earlier is preferred. If expenses are lower than estimated, we will refund the difference. All fees will be refunded in full if the class is cancelled due to insufficient enrollment. These funds are refundable only at Evergreen's discretion if an applicant decides not to participate after Thursday, May 10, 2007.

Evergreen tuition and the remainder of the Extended Education fee are due no later than Wednesday, June 21, 2007.

Extended Education Participants

There are two options available for those who do not want to register for academic credit. The fees for both these options include registration and class support fees, airfare and lodging.

Option A: 3 weeks in Olympia, Washington, and 2 weeks in Kyiv, Ukraine. Participants in this option will attend all lectures, films and field trips in Olympia and in Kyiv. Those who wish to discuss the readings will also attend a seminar class. The fee for this option is \$3,075 (double occupancy hotel) or \$3,450 (single occupancy hotel).

Option B: 2 weeks in Kyiv, Ukraine. Participants in this option will attend all lectures, films, and field trips in Kyiv. Those who wish to discuss the readings will also attend a seminar class. The fee for option B is \$2,825 (double occupancy hotel) or \$3,200 (single occupancy hotel).

Higher grade accommodations are possible for Extended Education participants wishing to make their own reservations. Details on hotel arrangements will be available after February 1, 2007.

Extended Education participants will not be expected to complete written assignments or exams. They will receive a Certificate of Participation in lieu of a formal academic evaluation. Extended Education participants have no prerequisites, but it is recommended that they have some background that prepares them for the material of this class. Approval of the instructor is required for all participants. Contact John Perkins at perkinsj@evergreen.edu

Travel Arrangements

Group travel rates depend upon the class traveling together to Kyiv, departing Seattle on Saturday, July 14 and arriving in Kyiv on Sunday, July 15. The rate also depends upon returning as a group on Sunday, July 29. Participants may return independently of the group, but the airline will charge an additional fee for this option. Visas to Ukraine are not required for citizens of the United States, Canada, Japan or the European Union. Citizens of other countries may need visas. Passports are required.

Instructors

John H. Perkins, Ph.D. is a member of the faculty in environmental studies at The Evergreen State College. He has worked in this field for over 35 years, and his interests are in the history and public policy issues of environmental problems. Many of his publications deal with the issues of technology and agriculture. He received his B.A. in biology from Amherst College (1964) and his Ph.D. in biology from Harvard University (1969). He studied history of science and environmental history as a post-doctoral fellow at Harvard. Currently, he is editor-in-chief of *Environmental Practice*, published by Cambridge University Press for the National Association of Environmental Professionals.

Tetyana Murza, M.E.S., received her master's degree in environmental studies from The Evergreen State College (2004) and her undergraduate degree in ecology and environmental protection from the Ukrainian State University of Water Management and Nature Conservation (2000). She has long-standing interests in nuclear power and its problems. She has worked with Ecoclub, a non-profit organization in Ukraine, and with the Nuclear Information and Resource Service, a non-profit in Washington, D.C. In April, 2006, she was the conference coordinator of the international conference, "Chernobyl+20: Remembrance for the Future," held in Kyiv.

Application and Deposit Form

Each participant must submit this form. This form and deposit payment are due no later than May 10, 2007 at 5 PM; earlier is preferred. NOTE: Tuition for academic credit or balance of fee for Extended Education is separate and must be paid no later than June 21, 2007.

Last Name Middle Name First Name *(exactly as in passport*)*

Permanent Address City State & Zip

Telephone # E-mail address

Mailing Address *(May 10 - June 10, 2007, if different from above)* City State & Zip

Telephone # E-mail address

Passport Information

Please copy information exactly as it appears on your passport.*

Number

Date of Issue Date of Expiration

Country of Issue Date of Birth

Please indicate your intended enrollment (please check one):

- Undergraduate 8 credits Extended Education Option A
 Graduate 4 credits Extended Education Option B

Enclosed is my deposit for (please check 1 and 2, plus one of 3a, 3b, or 3c):

1. \$350 class expenses fee 3a. \$375 Hotel (double occupancy) or
 2. \$1500 Airfare 3b. \$750 Hotel (single occupancy) or
(Optional for Ex Ed Option B) 3c. \$0 Hotel (only for Ex Ed Options A and B)

TOTAL AMOUNT SUBMITTED:

\$ _____
Please make checks payable to
The Evergreen State College

SEND CHECK AND FORM TO:

Dean of Summer School & Extended Education
The Evergreen State College, L2211
Olympia, WA 98505
ATTENTION: Chernobyl and Ukraine

For credit card payments please call (360) 867-5515.

* Note: The information you provide here will generate a list of passenger names for the airline. The name on the airline's list must exactly match the name in your passport. Please provide your name as in your passport.

Registration, Payment and Cancellation Policies

1. Evergreen reserves the right to cancel courses with low enrollment. In such cases all fees are refundable.
2. Participants are considered registered once payment is received and verified.
3. Cancellation Policy: Participants must cancel registration at least one week prior to the start of the course to receive a full refund of tuition. Classes for academic credit carry a \$30 non-refundable registration fee. Partial refunds beyond the one week minimum are at Evergreen's discretion.
4. Some courses may require the purchase of textbooks and/or materials which may not be included in the course fee.



Getting Registered

Academic credit students may register through Registration and Records at Evergreen.

Other participants may register by sending a check payable to The Evergreen State College to:

Extended Education
The Evergreen State College, L2211
2700 Evergreen Parkway NW
Olympia, WA 98505

Parking at The Evergreen State College is \$1.25 per day, Monday through Friday.

For more information or directions, please see: www.evergreen.edu/extendededucation

Contact Information

For all questions about the program:

John Perkins – perkinsj@evergreen.edu (360) 867-6503

For all questions on Ukraine realities and arrangements:

Tetyana Murza – tanyam@nirs.org OR tanya_murza@yahoo.com

For all questions on summer school and Extended Education registration:

Theresa Aragon – aragont@evergreen.edu (360) 867-6840

Orientation Meeting

There will be an orientation on Tuesday, April 10, 4:30-6:00 pm, on The Evergreen State College campus, CAB 110.