|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | **Subject**  **(code, title, credits)** | ECON425, Environmental Economics and Policy, 6 AKTS | | |
| **Department** | Geography and Environment | | |
| **Program**  **(undergraduate, graduate)** | Undergraduate | | |
| **Term** | Fall, 2017 | | |
| **Instructor** | Rovshan Abbasov | | |
| **E-mail:** | [Abbasov@fulbrightmail.org](mailto:Abbasov@fulbrightmail.org) | | |
| **Phone:** | +994 503721834 | | |
| **Classroom/hours** | 41 Mehseti street (Neftchilar campus), Khazar University, 413 Old | | |
|  | | | **Office hours** |  | | |
| **Prerequisites** | | | Environmental Management/Environmental Science, **ECON 202** | | | |
| **Language** | | | English, Azeri | | | |
| **Compulsory/Elective** | | | Compulsory | | | |
| **Required textbooks and course materials** | | | ***Core textbook:***   * Charles Kolstad Environmental Economics Oxford University Press, USA 2010 * Core internet source: <http://www.ecosystemvaluation.org> | | | |
| **Course outline** | | | Environmental Economics and Policy (ENE) is concerned with the impact of the economy on the environment, the significance of the environment to the economy, and the appropriate way of regulating economic activity so that the balance is achieved among environmental economic and other social goals.  Through lectures, homework, a class project, discussions and guest lectures, students will:  1.Gain an understanding of the cause and effect relationship between environmental problems and economic development;  2.Have a service learning experience related to a environmental economics;  4.Understand how information on natural resources is collected and how it can best be used to facilitate decision-making;  5.Understand how natural resources effect economic development and what type of natural berries economic development has;  6.Learn economic principles of the nature protection; | | | |
| **Course objectives** | | | The objective of the course is to furnish students with core knowledge that is necessary for successful implementation of economic tools in environmental protection and resource use. | | | |
| **Learning outcomes** | | | **By the end of the course the students should be able:**   * To apply EE methods in environmental protection and resource use . | | | |
| **Teaching methods** | | | **Lecture** | | | x |
| **Group discussion** | | | x |
| **Experiential exercise** | | | x |
| **Lab** | | |  |
| **Case analysis** | | |  |
| **Course paper** | | |  |
| **Others** | | |  |
| **Evaluation** | | | **Methods** | | **Date/deadlines** | **Percentage (%)** |
| **Midterm Exam** | |  | 25 |
| **Quizzes (2)** | | open question | 10 |
| **Class Participation/Activity** | | discussion | 10 |
| **Project and presentation** | | Individual | 20 |
| **Presentation/Group Discussion** | |  |  |
| **Final Exam** | |  | 40 |
| **Others** | |  |  |
| **Total** | |  | 100 |
| **Policy** | | |  | | | |
| **Tentative Schedule** | | | | | | |
| **Week** | **Date/Day**  **(tentative)** | **Topics** | | | | **Textbook/Assignments** |
| 1 | 16.09.2017 | **Ecosystems and Natural Resources, ecosystem services** | | | | Handout provided |
| 2 | 23.09.2017 | **Environmental Problems and Policy Solutions** | | | | Chapter 2 |
| 3 | 30.09.2017 | **Social choice: How much environmental protection?** | | | | Chapter 3 |
| 4 | 07.10.2017 | **Efficiency and markets** | | | | Chapter 4 |
| 5 | 14.10.2017 | **Market failure, public bads and externalities** | | | | Chapter 5 |
| 6 | 21.10.2017 | **Essentials of ecosystem valuation** | | | | Go to internet source |
| 7 | 28.10.2017 | **Market Price Method** | | | | Go to internet source |
| 8 | 04.11.2017 | **Productivity Method** | | | |  |
| 9 | 11.11.2017 | **Midterm examination** | | | |  |
| 10 | 18.11.2017 | **Hedonic Pricing Method** | | | | Chapter 16 |
| 11 | 25.11.2017 | **Travel Cost Method/ lab activity** | | | | Handout provided |
| 12 | 02.12.2017 | **Damage Cost Avoided, Replacement Cost, and Substitute Cost Methods** | | | | Handout provided |
| 13 | 09.12.2017 | **Contingent Valuation and contingent choice methods** | | | | Go to internet source |
| 14 | 16.12.2017 | **Benefit Transfer Method** | | | | Go to internet source |
| 15 | 23.12.2017 | **Environmental Policy in Azerbaijan** | | | | Go to internet source |
|  |  | **Class Presentations** | | | |  |
|  |  | **Final exam** | | | |  |