

课程大纲

COURSE SYLLABUS

1.	课程代码/名称 Course Code/Title	ESE5011 气候变化经济学, Climate Change Economics										
2.	课程性质 Compulsory/Elective	专业选修课 Major Elective Courses										
3.	课程学分/学时 Course Credit/Hours	3 学分/48 学时										
4.	授课语言 Teaching Language	中英文双语										
5.	授课教师 Instructor(s)	叶斌/YE BIN										
6.	先修要求 Pre-requisites	无										
7.	教学目标 Course Objectives	<p>学生通过本课程的学习，要达到以下目标：</p> <ol style="list-style-type: none"> 1. 掌握气候变化经济学的基础思想和理论； 2. 把握从经济学视角分析环境问题的思维方式、基本方法，了解当前热点环境问题及其背后的经济学解释； 3. 了解气候变化经济学的理论前沿和发展动态，具有一定的科学研究和实际工作能力。 <p>The course is design to help students:</p> <ol style="list-style-type: none"> 1.Master fundamental theories and research methodology of climate change economics; 2.Master fundamental methodologies to analysis environmental problems through economic perspectives; and 3. Understanding the economic explanations of current hot environmental issues. 										
8.	教学方法 Teaching Methods	<p>本课程将采取理论讲授与学生实践参与的方式开展，在介绍环境经济学国际研究前沿的基础上，启发并鼓励学生阅读该领域前沿文献，进而开展该方向的深入研究。</p> <p>This course will be carried out in a theoretical way and in the form of students' practical participation. On the basis of introducing the frontiers of international research in environmental economics, students will be inspired and encouraged to read the frontier literature in this field, and then carry out in-depth research in this direction.</p>										
9.	教学内容 Course Contents	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">序号</th> <th style="width: 30%;">教学内容</th> <th style="width: 50%;">教学要求</th> <th style="width: 10%;">学时</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>气候变化经济学概论 Introduction to Climate Change Economics</td> <td> <ol style="list-style-type: none"> 1.了解气候变化经济学的基本概念 Understand the basic concepts of Climate Change Economics 2.了解主要研究问题及基本原理 Understand the main research issues and basic principles </td> <td style="text-align: center;">3</td> </tr> </tbody> </table>			序号	教学内容	教学要求	学时	1	气候变化经济学概论 Introduction to Climate Change Economics	<ol style="list-style-type: none"> 1.了解气候变化经济学的基本概念 Understand the basic concepts of Climate Change Economics 2.了解主要研究问题及基本原理 Understand the main research issues and basic principles 	3
序号	教学内容	教学要求	学时									
1	气候变化经济学概论 Introduction to Climate Change Economics	<ol style="list-style-type: none"> 1.了解气候变化经济学的基本概念 Understand the basic concepts of Climate Change Economics 2.了解主要研究问题及基本原理 Understand the main research issues and basic principles 	3									

2	环境资源配置 Environmental resource allocation	<ol style="list-style-type: none"> 1.了解外部性问题 2.了解环境资源配置问题 3. 环境、资源和经济学 <ol style="list-style-type: none"> 1. Understand external issues 2. Understand the configuration of environmental resources 3. Environment, Resources and Economics 	3
3	市场失灵与环境退化 Market failure and environmental degradation	<ol style="list-style-type: none"> 1.市场失灵、环境退化的原因 2.私人物品和公共物品 3.气候变化与跨区域污染 <ol style="list-style-type: none"> 1. The causes of market failure and environmental degradation 2. Private goods and public goods 3. Climate change and cross-regional pollution 	6
4	全球与区域环境问题 Global and regional environmental issues	<ol style="list-style-type: none"> 1.全球气候变化问题 2.中国环境问题 3.环境治理 <ol style="list-style-type: none"> 1. Global Climate Change Issues 2. China's environmental issues 3. Environmental governance 	6
5	再论环境与市场 On Environment and Market	<ol style="list-style-type: none"> 1.产权和科斯定理； 2.环境问题的市场解决方案 3.排污权交易 <ol style="list-style-type: none"> 1. Property rights and Coase Theorem; 2. Market solutions for environmental issues 3. Emissions trading 	3
6	政府环保政策 Government Environmental Policy	<ol style="list-style-type: none"> 1.庇古税 2.环保政策、行政手段与排放标准 3.执法与政治经济学 <ol style="list-style-type: none"> 1. Pigou tax 2. Environmental protection policies, administrative measures and emission standards 3. Law Enforcement and Political Economics 	6
7	成本收益分析	<ol style="list-style-type: none"> 1.环保技术和投资 	3

	Cost-benefit analysis	<p>2.成本和收益的比较方法</p> <p>3.成本收益分析的实际应用</p> <p>1. Environmental Technology and Investment</p> <p>2. Comparison of costs and benefits</p> <p>3. Practical application of cost-benefit analysis</p>	
8	<p>案例研究：应对气候变化</p> <p>Case Study: Addressing Climate Change</p>	<p>1.全球气候变化问题</p> <p>2.碳排放交易与碳税</p> <p>3.气候谈判</p> <p>4.低碳投融资和绿色金融</p> <p>1. Global Climate Change Issues</p> <p>2. Carbon trading and carbon tax</p> <p>3. Climate negotiations</p> <p>4. Low-carbon investment and financing and green finance</p>	6
9	<p>环境保护与经济增长</p> <p>Environmental Protection and Economic Growth</p>	<p>1.经济增长、市场失灵和环境破坏</p> <p>2.国民收入账户和人类福利</p> <p>3.环境库兹涅茨曲线和环境质量需求</p> <p>4.经济增长新方式</p> <p>1. Economic growth, market failure and environmental damage</p> <p>2. National income accounts and human welfare</p> <p>3. Environmental Kuznets Curve and Environmental Quality Requirements</p> <p>4. New ways of economic growth</p>	6
10	<p>可持续发展</p> <p>sustainable development</p>	<p>1.可持续性、福利和公平</p> <p>2.可持续生产和消费</p> <p>3.可持续发展与代际公平</p> <p>1. Sustainability, welfare and fairness</p> <p>2. Sustainable production and consumption</p> <p>3. Sustainable development and intergenerational equity</p>	6

10. 课程考核
Course Assessment

请再此注明：①考查/考试；②分数构成。
考查

出勤 20%+课堂参与 40%+2 次项目设计共 40%
Attendance20%+ Class Performance40%+ 2 projects 40%

11. 教材及其它参考资料
Textbook and Supplementary Readings

The Economics of Environment, 2013 Edition, by Peter Berck and Gloria Helfand, 2013; 参考资料, 环境与自然资源经济学, 陈昕, 格致出版社, 2014。《增长的极限》, 德内拉·梅多斯等, 2013。