**研究生课程教学大纲（Syllabus）**

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| 课程代码  Course Code | F160515 | \*学时  Teaching Hours | | 32 | | | \*学分  Credits | | | 2 | |
| \*课程名称  Course Name | （中文）环境管理 | | | | | | | | | | |
| （English）Environmental management | | | | | | | | | | |
| \*授课语言  Instruction Language | 英语（English） | | | | | | | | | | |
| \*开课院系  School | 中英国际低碳学院（Low Carbon College） | | | | | | | | | | |
| 先修课程  Prerequisite |  | | | | | | | | | | |
| 授课教师  Instructors | 姓名Name | | 职称Title | | 单位Department | | | | 联系方式E-mail | | |
| 董会娟  Dong Huijuan | | 特别研究员  Associate Prof. | | 环境科学与工程学院  School of Environmental Science and Engineering | | | | donghj@sjtu.edu.cn | | |
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| \*课程简介（中文）Course Description | 本课程是环境学院研究生的专业基础课程，区别于环境工程课程，环境管理是从管理角度运用法律、行政、经济、技术和教育等手段对人类行为进行调控，以期降低环境负荷，保进社会与环境的可持续发展。本课程主要讲授环境管理学的基本理论、环境管理思想、原则和方法，主要管理内容以及案例应用，并结合最新研究进展从广度和深度上拓展环境管理课程的内容。通过基本知识讲授、课堂讨论、观看视频材料、基于特定环境管理问题的课下作业及学术报告等形式开展环境管理知识的传输，使学生树立环境管理的思想， 掌握环境管理方法，具备从事环境管理工作和科研的能力。 | | | | | | | | | | |
| \*课程简介（English）Course Description | This Environmental Management will aim mainly at master students major in Environmental Science and Engineering. Different from environmental engineering, Environmental Management pursuit for reducing environmental load and promoting environmental and economic sustainable development from perspective of management. The core is to adjusting human behavior by adopting means of law, administration, economy, technology, education, etc.. Not only the basic theory, methods, instruments, contents and typical examples will be introduced, but also the recent research progress and hotpot will be included to expand and deepen the Environmental Management course. The course will be delivered through various format, including lectures, class discussion, assignments, video watch and presentations. It is expected that through this course, the students can establish the consciousness of environmental management, catch up the core of environmental management, master environmental management methods, and have the ability to engage in future environmental management and scientific research. | | | | | | | | | | |
| \*教学安排  Schedules | 教学内容Content | | | | | 授课学时  Hours | | 教学方式  Format | | | 授课教师  Instructor |
| Chapter 1 Introduction | | | | | 2 | | Teaching | | | Dong Huijuan |
| Lecture 2 Theories of environmental management | | | | | 2 | | Teaching+ discussion | | | Dong Huijuan |
| Lecture 3 Policy methods of Environmental management | | | | | 2 | | Teaching + class quiz | | | Dong Huijuan |
| Lecture 4 Technical methods of Environmental management | | | | | 4 | | Teaching+ discussion | | | Dong Huijuan |
| Lecture 5 Regional environmental management | | | | | 2 | | Teaching+ Video | | | Dong Huijuan |
| Lecture 6 Industrial park management in China | | | | | 2 | | Teaching +discussion + quiz | | | Dong Huijuan |
| Lecture 7 Waste management | | | | | 2 | | Teaching | | | Dong Huijuan |
| Lecture 8 Enterprise environmental management | | | | | 2 | | Teaching + class quiz | | | Dong Huijuan |
| Lecture 9 Natural resource protection management | | | | | 2 | | Teaching+ Video | | | Dong Huijuan |
| Lecture 10 Global environmental management and international actions | | | | | 2 | |  | | |  |
| Lecture 11 Climate change introduction and response | | | | | 4 | | Teaching+ discussion | | | Dong Huijuan |
| Students presentation and question answer | | | | | 4 | | Students presentation | | | Dong Huijuan |
| \*考核方式Grading Policy | There is no formal examination. The final grades are composed of following three parts.  （1）Attendance and discussion participation: 20%  （2）Homework and quiz: 40%  （3）Presentations: 40% | | | | | | | | | | |
| \*教材或参考资料Textbooks & References | **（1）text book：**  --《环境管理学》（第三版）， 叶文虎 张勇编著， 高等教育出版社（主要教材）  --《环境规划与管理》, 宋国君 等著， 华中科学大学出版社（辅助教材）  （2）Other materials: Research papers published in journals of environmental management, vedios | | | | | | | | | | |
| 备注  Notes |  | | | | | | | | | | |

备注说明：

1．带\*内容为必填项；

2．课程简介字数为300-500字；教学内容、进度安排等以表述清楚教学安排为宜，字数不限。