

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	可持续发展导论 Foundation of Sustainable Development				
2.	授课院系 Originating Department	社会科学中心 Center for Social Sciences				
3.	课程编号 Course Code	SS092				
4.	课程学分 Credit Value	2				
5.	课程类别 Course Type	通识选修课程 General Education (GE) Elective Courses				
6.	授课学期 Semester	秋季 Fall				
7.	授课语言 Teaching Language	英文 English				
8.	授课教师、所属学系、联系方式（如属团队授课，请列明其他授课教师） Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	 Southern University of Science and Technology 王雨 副教授 Associate Professor Wang Yu 南方科技大学社会科学中心 Center for Social Sciences, SUSTech e-mail: wangy63@sustech.edu.cn				
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	无 NA				
10.	选课人数限额(可不填) Maximum Enrolment (Optional)					
11.	授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
	学时数	32				32

Credit Hours

--	--	--	--	--

12.	先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 NA
13.	后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 NA
14.	其它要求修读本课程的学系 Cross-listing Dept.	无 NA

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

Specifically, this course aims to help the students:

- Understand knowledge of sustainable development and related challenges encountered in a globalized world;
- Develop comprehensive understanding of the interdependence of social development, economy and environmental protection
- Master research skills for analyzing major policy and reform strategies modern governments adopt in the promotion of sustainable development

16. 预达学习成果 Learning Outcomes

Upon completion of this course, students are expected to

- Understand basic concepts and principles in sustainability studies;
- Identify and engage with key sustainability and development debates;
- Apply theoretical concepts and principles to specific environmental dilemmas;
- Critically evaluate current approaches to various development issues.

17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

Week 1: Introduction to Sustainable Development (2-credit hours)

- Self-introduction
- Course introduction: the syllabus
- Requirements for individual presentations and term papers
- Concepts and interpretations of sustainable development

Week 2: Urbanization, Globalization and the Environment (2-credit hours)

- The environmental and socioeconomic impacts of urbanization
- Anthropocene and planetary boundaries
- The Globalization debates

Week 3: Governments, International Organizations and Agreements (2-credit hours)

- United Nations Sustainable Development Goals
- Climate change and the Intergovernmental Panel on Climate Change (IPCC)
- The Kyoto Protocol and Paris Agreement

Week 4: Individual Presentation and Group Discussion (2-credit hours)

- Topic one: social and political dilemmas of international cooperation in providing common goods (e.g. reduction of pollution and emission of greenhouse gas) and institutional solutions to these dilemmas

Week 5: Energy and Sustainability(2-credit hours)

- Fossil fuels for power at a turning point
- New clear controversy
- Hydropower controversy

Week 6: Water and Sustainability(2-credit hours)

- Water distribution at different regions, sectors and populations
- The neo-liberalization of water provision
- Water related hazards mitigation and prevention

Week 7: Food and Sustainability(2-credit hours)

- Hunger, poverty alleviation and international aid
- Agricultural production and the environment
- Food safety and trust

Week 8: Individual Presentation and Group Discussion (2-credit hours)

- Topic two: how to ensure equal, stable and affordable provision of water, energy and food in the developing world? What are the main deficiencies of the current model of international aid? To what extent, and in what ways, are the Chinese model of aid different from the Western ones?

Week 9: Water-Energy-Food Nexus (2-credit hours)

- The linkage between water, food and energy
- The “silo” effects, trade-offs and policy disconnections
- Understanding the nexus approach and paradigm reform

Week 10: Gender and Socioeconomic Equality (2-credit hours)

- Cultural and institutional challenges to gender equality
- A feminist perspective on sustainable development
- Socioeconomic inequalities: the world system theory and critics of capitalism

Week 11: Individual Presentation and Group Discussion(2-credit hours)

- Topic three: how to address problems of fragmentation and balance trade-offs in policies and institutional reform for promoting sustainable development?

Week 12: Urban Sustainability (2-credit hours)

- Sustainability challenges to mega cities
- Urban resilience and climate change
- The political ecology of urban infrastructure

Week 13: Individual Presentation and Group Discussion(2-credit hours)

- Topic four: what are the main political, cultural and institutional obstacles to gender and socioeconomic equality? What can decision-makers and individuals do to promote equality?

Week 14: Biodiversity and sustainability (2-credit hours)

- How does biodiversity contribute to sustainability?

- Challenges to biodiversity conservation
- Discourse and scalar politics of biodiversity conservation

Week 15: Individual Presentation and Group Discussion (2-credit hours)

- Topic five: sustainable cities – debates, discourses and implications of new urban development paradigms (e.g., smart city and eco-city) and re-production of urban space

Week 16: Responsible production and consumption (2-credit hours)

- Institutions and regulations for sustainable production
- Corporate social responsibility
- Awareness building and individual consumption behaviour
- Reflection of the course and conclusion remarks

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

The course instructor will provide supplementary readings before each session of the lectures

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance		10%		Those who miss more than three classes since the fourth week will fail
课堂表现 Class Performance		15%		Participation in class discussion
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		25%		An individual presentation that will serve as a start of the discussion sessions
期中考试 Mid-Term Test				Southern University of Science and Technology
期末考试 Final Exam				
期末报告 Final Presentation		50%		Term paper
其它（可根据需要 改写以上评估方 式） Others (The above may be modified as necessary)				

20. **记分方式 GRADING SYSTEM**

- A. 十三级等级制 Letter Grading
 B. 二级记分制（通过/不通过） Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过

This Course has been approved by the following person or committee of authority