

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.

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|-----|--|--|------------------------------|-------------------------------|--|---------------------|
| 1. | 课程名称 Course Title | 环境人文导论 Introduction to Environmental Humanities | | | | |
| 2. | 授课院系 Originating Department | 社会科学中心 Center for Social Sciences | | | | |
| 3. | 课程编号 Course Code | SS064 | | | | |
| 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 | 中英双语 English & Chinese | | | | |
| 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) | 周星月 ZHOU Xingyue 南方科技大学人文社会科学荣誉学会 Society of Fellows in the Liberal Arts, SUSTech zhouxy3@mail.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 Credit Hours | 32 | | | | 32 |

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| 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

在日益危急的环境变化和生态危机下，源于地质词汇的“人类世”成为最被认可的描述现状的有力概念，跨学科的环境人文也在近年迅速成为一个重点学术领域。本课程将引导学生进入“人类世”，结合最新环境科学研究，从环境人文的角度切入其中如全球变暖、物种灭绝、气候和生态灾害、垃圾污染等显题，梳理其背后的思想史、全球社会发展史和环境史，解析复杂生态网络下的因果链条、解决之道及其困境；与此同时，本课程将介绍传统人文社科思想在变动中的环境和社会下所产生的反应和反思趋势，对人类个体存在、社会及其意识形态的哲学和理论重构，并由其探索如何通过（且必须通过）人文艺术和社会理论来关切现实，理解现代生活全景，审视日常生活实践，提供正向情感维系和审美，触动危机背后的深层思想根源，培育不同尺度下的环境伦理、社会正义、生态哲学和有效改变。每节课将聚焦一个重要话题作多学科多面向的解析和探讨，整门课程将启发青年学生关注现实，思考自我与世界，迎解难题，为面对未来的环境和社会挑战作好准备。

As environmental change and ecological crises keep ever intensifying, the geological term “Anthropocene” comes to be the most circulated concept that powerfully grasps our current existential condition; meanwhile, Environmental Humanities quickly become a major transdisciplinary academic field. This course shall guide students into the Anthropocene. Exposed to up-to-date findings of environmental sciences, it looks into major issues such as global warming, mass extinction, climate and ecological disasters, waste and pollution through the lens of environmental humanities, aiming to recount the intellectual, social, and environmental history at the backdrop, and analyze the chains, solutions, and complexities in the ecological mesh. This course simultaneously introduces major reactive and reflective trends in humanities and social sciences in the changing environment, bringing in philosophical deconstruction and reconstruction of humanity, human society, and ideology in relation to ecological awakening. Along the way the course probes how humanities, arts, and social theories can and must be engaged to tackle environmental reality, in understanding the panorama of our modern life, examining everyday life practice, fostering positive emotions and aesthetics, inspecting the “roots” of the crises ingrained in our thinking, and cultivating multi-scalar environmental ethics, social justice, eco-philosophy, and effective change. Unpacking one focal topic from multi-disciplinary scopes in each class, altogether the course aims to inspire a caring, wholesome, and pensive vision of the world in college students and prepare them for future environmental and social challenges.

16. 预达学习成果 Learning Outcomes

本课程预期让学生掌握以下技能和知识：

- 对当下环境问题及其社会关联有全局的理解
- 熟悉环境人文的主要思想
- 基础的搜索和引用学术资源的能力
- 初级学术写作能力
- 基础的自主思辨能力

Upon successful completion, students will be able to:

- Perceive the whole picture of current environmental issues and their social implications
- Understand the major thoughts in Environmental Humanities
- Acquire basic skills in searching and citing academic sources
- Acquire basic skills in academic writing
- Strengthen their self-reliant and critical thinking

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.)

第一课：引介：什么是人类世？（2学时）

- ◆ “人类世”概念：历史、现实、未来
- ◆ 人类世开始于什么时候？
- ◆ 人类世的多重哲学意义
- ◆ “人类世”有何内部争议？
- ◆ 课程安排；作业、考核要求；推荐书目

第二课：气候变化 I（2学时）

- ◆ 全球变暖的提出、重要历史节点、研究数据
- ◆ 全球变暖的国际政策、政治争议、政治哲学意义、新地缘政治
- ◆ 全球变暖的综合成因、综合影响、现时积极行动
- ◆ 全球变暖与资本主义：碳、能源研究、资本世
- ◆ 记录影像

第三课：气候变化 II（2学时）

- ◆ 全球变暖如何改变了社会理论、社会联结、代际和历史想象
- ◆ 气候变化如何复杂难解，如何触动深层人类情绪，如何积极应对
- ◆ 如何观察生活中的气候变化？
- ◆ 哲学：气候作为“宏物”；非人类行动者与人类
- ◆ 文学与艺术：对变化的见证、对气候的感知、想象、本地与世界的关联

第四课：生物多样性 I（2学时）

- ◆ 物种灭绝报告
- ◆ 细察：种子、蜜蜂、昆虫的消逝；生态网络的微观基础；生态崩溃隐忧
- ◆ 工业化农业生产体系的问题
- ◆ 生态哲学：生物多样性与生态韧性、共生网络
- ◆ 文学：见证消亡；艺术与城市项目：拯救物种计划

第五课：生物多样性 II（2学时）

- ◆ 自然保留地与野生动物保护：现状与案例
- ◆ 荒野哲学：“走入荒野”传统
- ◆ 人类学视角下的多元自然观
- ◆ 哲学：对“自然”概念的重审
- ◆ 自然纪录片新的生态走向

第六课：全球化体系：农业与食物（2学时）

- ◆ 工业化种植业及其环境影响：农药化肥、转基因
- ◆ 全球化工业化养殖业及其环境成本
- ◆ 全球食物浪费：调查记录、个人生活实践、艺术行动
- ◆ 社会正义与环境正义：农民主权、人民食物主权、全球生态农业运动、食物运动
- ◆ 理解农业在未来的困境和隐忧、粮食安全、新型农业形式和未来食物

第七课：全球化体系：工业（2学时）

- ◆ 能源研究：煤炭、石油、核、新能源与全球资本主义发展史
- ◆ 原材料、水电资源、污废物：多尺度的工业上下游链和社会政治
- ◆ 工人与劳动：福特制、泰罗制、新现代泰罗制
- ◆ 矿山、矿工、人造地貌：案例、影像、诗歌
- ◆ 迁徙工人、女工、新工人

第八课：消费主义（2学时）

- ◆ 现代化、城市化与消费文化：十九世纪中叶欧洲、二十世纪中叶美国
- ◆ 消费主义理论、大众文化批评、反消费主义运动
- ◆ 消费经济学与生态经济学
- ◆ 细察：服装业、餐饮业、旅游业背后的环境账
- ◆ 如何买买买？消费作为日常生活实践、影响链及其伦理

第九课：垃圾 I（2学时）

- ◆ 现代垃圾的历史及其经济策略
- ◆ 垃圾堆的政治，国际垃圾贸易

- ◆ 垃圾回收与处理现状
- ◆ 拾荒人群体：人类学关注、文化象征、文学艺术再现
- ◆ 如何扔垃圾？丢弃作为日常生活实践、影响链及其伦理

第十课：垃圾 II（2学时）

- ◆ 塑料世下的塑料链、塑性的哲学意义
- ◆ 哲学：何为“垃圾”、何为“污染”？
- ◆ 垃圾的伦理学
- ◆ 垃圾的美学：垃圾与现当代艺术
- ◆ 垃圾与存在主义

第十一课：海洋（2学时）

- ◆ 海洋危机：死区、酸化、塑料汤、垃圾带、过度捕捞
- ◆ 海洋生物、海洋的综合生态意义
- ◆ 诗歌、艺术、影像：珊瑚生态及其变迁
- ◆ 填海造陆：生态影响、历史、文学艺术再现
- ◆ 观察、理解和应对海平面上升

第十二课：森林（2学时）

- ◆ 树的秘密生活和感知模式
- ◆ 看不见的森林生态：树根、蘑菇、蚂蚁、蚯蚓
- ◆ 块茎、思维与哲学
- ◆ 诗歌、音乐、虚拟现实：生命之树
- ◆ 观察和理解山火；如何减少森林砍伐，保护自然丛林

第十三课：城市生态（2学时）

- ◆ 城市里的动植物和生态系统
- ◆ 生态建筑学与城市规划：公园与绿化
- ◆ 气候变化与城市规划
- ◆ 科幻小说与未来城市
- ◆ 观察和理解生活中的旱涝、飓风、酷热、极寒

第十四课：议题：人与动物（2学时）

- ◆ 人文学科的动物转向与人性反思
- ◆ 环境史下的动物史
- ◆ 动物、屠宰场与政治哲学
- ◆ 伴侣动物
- ◆ 工业化养殖、动物保护与素食主义运动

第十五课：议题：中国与世界（2学时）

- ◆ 中国环保政策发展、国情、重点方面、成绩与挑战
- ◆ 中国在对抗气候变化中的国际角色、担当与挑战
- ◆ 中国在全球经济体系和生态链中的多重角色和影响
- ◆ 如何深刻理解生态文明
- ◆ 传统生态思想及其世界影响、当代汉语生态文学

第十六课：讨论与总结（2学时）

- ◆ 回到日常生活，回到生活在人类世的情感

Lesson 1: Introduction: What is the Anthropocene? (2 credit hours)

- ◆ The concept of the “Anthropocene:” history, present, future
- ◆ When did the Anthropocene start?
- ◆ The philosophical implications of the Anthropocene
- ◆ The controversies of the Anthropocene
- ◆ Class planning; assignments and grading policy; recommended reading

Lesson 2: Climate Change I (2 credit hours)

- ◆ The history of the acceptance of global warming
- ◆ International policy, political controversy, political philosophy, new geopolitics in the warming age
- ◆ The causes and impacts of global warming; current effective actions

- ◆ Global warming and capitalism: carbon, energy studies, Capitalocene
- ◆ Documentary witness

Lesson 3: Climate Change II (2 credit hours)

- ◆ How global warming has changed our social theory and generational, historical imagination
- ◆ The complexities and affective impacts of climate change; how should we face it?
- ◆ How to observe the changing climate in everyday life?
- ◆ Philosophy: climate as hyperobject; nonhuman actants and humans
- ◆ Climate witness in literature and arts

Lesson 4: Biodiversity I (2 credit hours)

- ◆ Reports on mass extinction
- ◆ Cases: seeds, bees, insects
- ◆ The problems of industrial agriculture
- ◆ Eco-philosophy: biodiversity and ecological resilience; the mesh of coexistence
- ◆ The witness of extinction in literature; art and urban projects for saving species

Lesson 5: Biodiversity II (2 credit hours)

- ◆ Natural conservation and wild animal protection
- ◆ The philosophy of wilderness; the tradition of “into the wild”
- ◆ Anthropological multinaturalism
- ◆ Philosophy: reexamination of the concept of “nature”
- ◆ The ecological turn of natural documentation

Lesson 6: Global System: Agriculture and Food (2 credit hours)

- ◆ Industrialized plantation and its environmental costs: pesticides, GMOs
- ◆ Global industrial animal agriculture and its environmental costs
- ◆ Global food waste
- ◆ Social and environmental justice: the rights of the peasants; food movement
- ◆ Understanding the challenge and looming crisis of agricultural system; food safety; future food

Lesson 7: Global System: Industries (2 credit hours)

- ◆ Energy studies: coal, petroleum, nuclear, clean energy and the developmental history of global capitalism
- ◆ Raw materials, water resource, waste: the industrial chain and sociopolitics
- ◆ Workers and labor: Fordism, Taylorism, Neo-Taylorism
- ◆ Mines, miners, and artificial landscape
- ◆ Migrant workers, women workers, new workers

Lesson 8: Consumerism (2 credit hours)

- ◆ Modernization, urbanization, and consumer culture
- ◆ Theories of the consumer society and anti-consumerism
- ◆ Consumer economy and ecological economics
- ◆ Cases: the environmental costs of fast fashion, food business, and tourism
- ◆ Buying as everyday life practice; its impacts and ethics

Lesson 9: Waste I (2 credit hours)

- ◆ Modern waste and its economic strategy
- ◆ The politics of the landfill; global waste trade
- ◆ Recycling reconsidered
- ◆ Ragpickers and waste collectors
- ◆ Discarding as everyday life practice; its impacts and ethics

Lesson 10: Waste II (2 credit hours)

- ◆ The plastic chain in the Plasticocene; plasticity reconsidered
- ◆ Philosophy: what is “garbage”? What is “pollution”?
- ◆ The ethics of waste
- ◆ Waste aesthetics: garbage and contemporary arts
- ◆ Waste and existentialism

Lesson 11: Ocean (2 credit hours)

- ◆ Ocean crises: dead zone, acidification, plastic soup, overfishing
- ◆ The ecological significances of the ocean and ocean species
- ◆ Coral ecology in poetry and arts
- ◆ Land reclamation: ecological impacts and artistic representation
- ◆ Observing, understanding, and facing the rising sea level

Lesson 12: Forest (2 credit hours)

- ◆ The secret life of trees
- ◆ The invisible forest ecology: roots, mushrooms, ants, and earthworms
- ◆ Rhizomes, the mind, and philosophy
- ◆ The tree of life in poetry, music, and virtual reality
- ◆ Observing, understanding, and facing the wildfire

Lesson 13: Urban Ecology (2 credit hours)

- ◆ Urban animals, plants and ecological system
- ◆ Eco-architecture and urban planning
- ◆ Climate change and urban planning
- ◆ Science fiction and future cities
- ◆ Observing, understanding, and facing extreme weathers

Lesson 14: Topic: Humans and Nonhuman Animals (2 credit hours)

- ◆ The nonhuman turn in humanities
- ◆ Animal history under environmental history
- ◆ Animals, slaughterhouses, and political philosophy
- ◆ Companion animals
- ◆ Animal factory, animal ethics, and veganism

Lesson 15: Topic: China and the World (2 credit hours)

- ◆ China's environmental policy, major aspects, and challenges
- ◆ China's international role in combating climate change
- ◆ China's roles in global economy and global ecology
- ◆ Understanding ecological civilization
- ◆ Traditional Chinese ecological thoughts; contemporary Chinese eco-writing

Lesson 16: Discussion and Conclusion (2 credit hours)

- ◆ Back to the everyday life. Back to the affect of living in the Anthropocene

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

图书 (Books)

Bonneuil, Christophe and Jean-Baptiste Fressoz. *The Shock of the Anthropocene: The Earth, History and Us*. Trans. David Fernbach. London and New York: Verso, 2016.
Morton, Timothy. *The Ecological Thought*. Cambridge, MA and London: Harvard University Press, 2010.

选段 (Excerpts)

Amitav Ghosh, from *The Great Derangement* (2016)
Andreas Malm, from *Fossil Capital* (2016)
Eduardo Kohn, from *How Forests Think: Toward an Anthropology Beyond the Human* (2013)
Elizabeth Kolbert, from *The Sixth Extinction: An Unnatural History* (2014)
Rachel Carson, from *Silent Spring* (1962)
Rob Nixon, from *Slow Violence and the Environmentalism of the Poor* (2011)
Timothy Morton, from *Hyperobjects* (2013)
Vandana Shiva, from *Stolen Harvest* (2000)

电影 (Films)

Before the Flood (2016), Dir. Fisher Stevens
Cowspiracy (2014), Dir. Kip Anderson and Keegan Kuhn.

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 | | | | |
| 课堂表现 Class Performance | | 20% | | |
| 小测验 Quiz | | | | |
| 课程项目 Projects | | | | |

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|---|-----|--|--|--|
| 平时作业 Assignments | | | | |
| 期中考试 Mid-Term Test | 20% | | | |
| 期末考试 Final Exam | | | | |
| 期末报告 Final Presentation | 60% | | | |
| 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

