

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	走近突发公共卫生事件 Approaching Public Health Emergencies
2.	授课院系 Originating Department	社会科学中心 Center for Social Sciences
3.	课程编号 Course Code	SS136
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	春季 Spring
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)	朱斌, 公共卫生及应急管理学院助理教授 Zhu Bin, Assistant Professor, School of Public Health and Emergency Management, Email: zhub6@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
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

本课程以全球公共卫生的视角，向学习者讲授突发公共卫生事件的概念、特点、分类和分级，梳理国内外传染病、食品安全、环境污染、自然灾害、核泄漏等方面的重大突发公共卫生事件案例，拓宽学生视野，提高学生的综合素质。

The Course "Approaching Major Public Health Emergencies" is designed for all the undergraduate students and master students in SUSTech. From the perspective of global public health, it teaches students the concept, characteristics, classification and categorization of public health emergencies, and summarizes public health emergency cases related to infectious diseases, food safety, environmental pollution, natural hazards and nuclear leakage. This course aims to broaden students' horizons and improve their comprehensive quality.

16. 预达学习成果 Learning Outcomes

- 1) 对突发公共卫生事件概念、分类、分级、特点的掌握 Students will know the concept, characteristics, classification and categorization of public health emergencies.
- 2) 熟知不同类型突发公共卫生事件的基本知识 Students will also learn basic knowledge regarding different types of public health emergencies.
- 3) 对我国和全球主要国家卫生应急体系和案例的了解 Students could summarize theories regarding emergency management of public health emergencies that may apply to both countries and explain why they are different.

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.)

本课程将向学生讲述突发公共卫生事件的基本理论知识和典型案例，具体包括突发公共卫生事件的分类、分级、特点、预防与准备以及新技术在突发公共卫生事件中的应用，本课程还将引导学生围绕国内外重大突发公共卫生事件进行汇报和讨论。

This course will tell students the basic theoretical knowledge and typical cases of public health emergencies, including the categorization, classification and characteristics, prevention, preparation of public health emergencies and the application of new technology. This course will also guide students to report and discuss major public health emergencies at home and abroad.

Section	Topic	Hours
1	突发公共卫生事件概论 Introduction to public health emergencies > 突发公共卫生事件定义 > 突发公共卫生事件应急管理条例 > 世界卫生组织突发公共卫生事件定义	2
2	突发公共卫生事件的分类、分级与特点 Categorization, classification and characteristics of public health emergencies > 突发公共卫生事件分类（传染病、食品安全、环境污染、自然灾害） > 突发公共卫生事件分级（特别重大、重大、较大、一般） > 突发公共卫生事件特点（突发性、复杂性、危害性）	2
3	突发公共卫生事件预防与准备 Preparation and response of public health emergencies > 各级部门职责 > 应急指挥机构的建立 > 专家咨询委员会的组成	2
4	新技术在突发公共卫生事件中的应用 The application of new technology in public health emergencies > 大数据、云计算的应用 > 5G 技术、无人技术在疫情防控中的应用	2
5	国内外重大突发公共卫生事件案例：传染病案例 1 Cases of major public health emergencies at home and abroad: Infectious Diseases (1) > 流行病学基础知识 > 我国法定报告传染病组成（甲类、乙类、丙类） > 传染病分类与防控	2
6	国内外重大突发公共卫生事件案例：传染病案例 2 Cases of major public health emergencies at home and abroad: Infectious Diseases (2) > COVID-19 防控案例	2
7	基于课程主题的小组汇报讨论 Group report and discussion based on the subject of the course	2
8	基于课程主题的小组汇报讨论 Group report and discussion based on the subject of the course	2
9	国内外重大突发公共卫生事件案例：传染病案例 3 Cases of major public health emergencies at home and abroad: Infectious Diseases (3) > SARS 防控案例 > MERS 防控案例	2
10	国内外重大突发公共卫生事件案例：传染病案例 4 Cases of major public health emergencies at home and abroad: Infectious Diseases (4) > H1N1 案例 > 埃博拉防控案例	2
11	国内外重大突发公共卫生事件案例：食品安全案例 Cases of major public health emergencies at home and abroad: Food safety > 食品安全事件的类型、基本特点和危害 > 三聚氰胺奶粉案例	2
12	国内外重大突发公共卫生事件案例：环境污染案例 Cases of major public health emergencies at home and abroad: Environment Pollution	2

	<ul style="list-style-type: none"> ➢ 环境污染事件的类型、基本特点与危害 ➢ 环境污染事件的防治与应对措施 ➢ 既往案例分析 	
13	国内外重大突发公共卫生事件案例：自然灾害案例 Cases of major public health emergencies at home and abroad: Natural Hazards <ul style="list-style-type: none"> ➢ 自然灾害的类型、基本特点和危害 ➢ 常见自然灾害的公共卫生问题 ➢ 自然灾害公共卫生问题的防治与应对措施 ➢ 既往案例分析 	2
14	国内外重大突发公共卫生事件案例：核泄漏案例 Cases of major public health emergencies at home and abroad: Nuclear Leakage <ul style="list-style-type: none"> ➢ 核突发事件的类型、基本特点和危害 ➢ 前苏联切尔诺贝利事件与教训 ➢ 日本福岛核电站事件与教训 	2
15	基于课程主题的小组汇报讨论 Group report and discussion based on the subject of the course	2
16	基于课程主题的小组汇报讨论 Group report and discussion based on the subject of the course	2

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

教材 Textbook

[1] 《突发公共卫生事件应急管理-理论与实践》，王陇德. 北京：人民卫生出版社，2008年1月出版 《Emergency Management of Public Health Emergencies-Theory and Practice》. Longde Wang, Beijing: People's Medical Publishing House. Jan 2008.

参考资料 Supplementary Readings

[2] 《当代中国突发公共卫生事件研究》. 张晓丽, 韦泽, 李李, 尚长风. 东南大学出版社, 2019年11月出版 《Research on Public Health Emergencies in Contemporary China》 Xiaoli Zhang, Ze Wei, Li Li, Changfeng Shang. Southeast University Press, Nov 2019

[3] 《卫生应急管理》. 吴群红, 杨维中. 人民卫生出版社. 2013年8月出版 《Health Emergency Management》. Qunhong Wu, Weizhong Yang. People's Medical Publishing House. Aug 2013

[4] *Health Emergency Preparedness and Response*. Chloe Sellwood, Andy Wapling. Wallingford. CAB International, 2016 (英文参考书)

[5] *Essentials of Public Health Preparedness and Emergency Management (2nd edition)*. Rebecca Katz, James A. Banaski. Burlington, Massachusetts: Jones & Bartlett Learning, 2019 (英文参考书)

[6] *Emergency Ethics: Public Health Preparedness and Response*. Bruce Jennings, John D. Arras, Drue H. Barrett, Barbara A. Ellis. New York: Oxford University Press, 2016. (英文参考书)

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
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√	出勤 Attendance	每周 Every Week	20%		
√	课堂表现 Class Performance	每周 Every Week	20%		
	小测验 Quiz				
	课程项目 Projects				
√	平时作业 Assignments	16 周 Week 16	20%		
	期中考试 Mid-Term Test				
	期末考试 Final Exam				
√	期末报告 Final Presentation	16 周 Week 16	40%		
	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



SUSTech
Southern University of Science and Technology