

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	预防医学, Preventive Medicine
2.	授课院系 Originating Department	医学院, School of Medicine
3.	课程编号 Course Code	MED302
4.	课程学分 Credit Value	2
5.	课程类别 Course Type	专业选修课 Major 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)	李华, 教授, 南方医科大学公共卫生学院 邮箱: smumph@163.com Li Hua, Professor, School of Public Health, Southern Medical University Email: smumph@163.com
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	0			32
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 None				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 None				
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 None				

教学大纲及教学日历 SYLLABUS

15. 教学目标 **Course Objectives**

增进疾病预防控制基本知识；提高疾病预防意识和公共卫生实践技能。

To teach basic knowledge of disease prevention and control; to improve awareness of disease prevention and public health practice skills.

16. 预达学习成果 **Learning Outcomes**

1. 掌握疾病的危险因素及预防策略、传染病预防控制的基本策略及公共卫生应急处置基本流程；To master the risk factors of diseases and tertiary prevention strategies, basic strategies for infectious disease prevention and control, and basic processes for public health emergency response.
2. 熟悉流行病学基本概念和研究方法与实验室生物安全基本要求；To be familiar with the basic concepts and research methods of epidemiology and basic requirements for laboratory biosafety.
3. 了解常见公共卫生问题及其解决策略。To understand common public health problem and its solving strategies.

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.)

Section	Hour	Main Topic
1	2	一、预防医学概论 Introduction to Preventive Medicine 二、预防医学的定义、内涵、外延和学科性质，主要研究内容，学习预防医学的意义。The definition, connotation and extension of preventive medicine and specialty of discipline; the main research contents; the meaning of learning preventive medicine.
2	2	一、环境与健康 Environment and Health 二、人类环境的分类，构成环境的各种因素，生态系统与生态平衡的概念、构成、特征，环境和人体对立统一的关系。The classification of human environment; the various factors of environment structure; the concept, composition and characteristics of ecological system and balance; the relationship between the environment and human body is a unity of opposites.
3	2	一、病原与机体防御 Pathogens and Host Defence 二、病原的分类及特性，病原与宿主的相互关系，机体防御系统。The classification and characteristics of pathogens, the relationship between pathogens and host, and the body defence system.
4	2	一、传染病预防控制基本原则 Basic Principles of Prevention and Control of Infectious Diseases 二、常见传染病的诊断依据、流行环节及预防控制策略。The diagnostic basis, epidemic links and prevention and control strategy of common infectious diseases.
5	2	一、虫媒传染病预防控制 Prevention and Control of Vector-borne Infectious Diseases 二、常见虫媒传染病的诊断依据、传播媒介及预防控制策略。The diagnostic basis, media and prevention and control strategy of common vector-borne infectious diseases.
6	2	一、新发传染病预防控制 Prevention and Control of Emerging Infectious Diseases 二、新发传染病概念、特点及预防控制策略。The concept, characteristics and prevention and control strategy of emerging infectious diseases.
7	2	一、实验室生物安全 Laboratory Biosafety 二、实验室生物安全管理制度，感染性微生物的危险度等级分类，生物学操作技术规范，意外事故应对方案。Laboratory biosafety management regulation, classification of dangerous levels of infectious microorganisms, technical specifications of biological operations, and accident response plan.
8	2	一、营养与食品卫生 Nutrition and Food Hygiene 二、食物中营养素的测定方法，人体营养状况评价的基本方法，食物中常见污染物及添加剂的测定方法；以酒中甲醇测定为代表，学习各类食品的卫生检验方法及内容。The determination of nutrients, common contaminants and additive in food, the basic method of human nutrition evaluation. Learn various food hygiene inspection method and content via methanol determination in wine as an example.
9	2	一、食源性疾病 Food-borne Diseases 二、食源性疾病的定义、种类、特点，食源性疾病的预防控制。The definition, classification, characteristics and prevention and control of food-borne diseases.
10	2	一、职业病与职业医学 Occupational Disease and Occupational Medicine 二、职业性有害因素及其来源，职业性病损的致病条件与职业病特点，职业性损害的防制。Harmful factors and its origin of occupational disease; pathogenic condition of occupational disorders and occupational disease characteristics; the prevention of occupational adverse effect.
11	2	一、公共卫生案例分析（传染病） Case Analysis in the Practice of Public Health (Infectious Disease) 二、常见传染病暴发流行案例分析，现场流行病学的基本步骤。The case analysis of outbreaks of

		common infectious diseases, the basic steps of field epidemiology.
12	2	一、公共卫生案例分析（其他）Case Analysis in the Practice of Public Health (Others) 二、通过食物中毒、环境污染、职业中毒等案例分析。The case analysis via food poisoning, environmental pollution and occupational poisoning, etc.
13	2	一、校园常见公共卫生问题及应对 Common Public Health Problems and Countermeasures on Campus 二、自然灾害、食品安全、环境污染、人为灾害、传染病、化学毒物泄漏等公共卫生事件应对。Countermeasures of natural disasters, food safety, environmental pollution, man-power disasters, infectious diseases, leakage of chemical toxicants and other public health events.
14	2	一、公共卫生应急预案制定 Developing a Public Health Emergency Operations Plan 二、应急预案的定义、基本要素、制定原则。The definition, basic elements, and development principles of emergency plan.
15	2	一、公共卫生实践技能 Public Health Practice Skills 二、现场急救技术（心肺复苏）、个人防护、样品采集、现场检测、卫生处理。The field first aid technology (cardiopulmonary resuscitation), personal protection, sample collection, field testing and sanitization.
16	2	一、突发性公共卫生事件应急演练 Public Health Emergency Exercise 二、核化生公共卫生事件应急演示，校园突发事件应急演练。NBC public health emergency demonstration and campus emergency response exercise.

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

教材 Textbook:

Zhao Jinshun, Ni Chunhui. Preventive Medicine, Medical Statistics and Epidemiology. Zhejiang University Press, 2014.

参考书 Reference books:

1. 夏昭林. 预防医学导论. 上海: 复旦大学出版社, 2014.
2. 邹飞. 卫生学. 北京: 北京大学医学出版社, 2013.
3. 仲来福. 卫生学. 第七版. 北京: 人民卫生出版社, 2008.

参考资料 Reference materials:

1. <http://www.who.int>
2. <https://www.cdc.gov/niosh/>
3. <http://www.chinacdc.cn>
4. <http://www.ilo.org/>
5. <http://www.chinasafety.gov.cn>
6. http://dohs.ors.od.nih.gov/industrial_hygiene.htm

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		
课堂表现 Class Performance		10		
小测验 Quiz		30		
课程项目 Projects				
平时作业 Assignments				
期中考试 Mid-Term Test				
期末考试 Final Exam		50		
期末报告 Final Presentation				
其它（可根据需要 改写以上评估方 式） Others (The above may be modified as necessary)				

University

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

