

## 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	性传播疾病与健康 Sexually Transmitted Disease and Health
2.	授课院系 Originating Department	医学院 School of Medicine
3.	课程编号 Course Code	MED112
4.	课程学分 Credit Value	3
5.	课程类别 Course Type	任选课 Free Elective
6.	授课学期 Semester	春季/秋季 Spring/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)	杨春富，公共卫生及应急管理学院助理教授，邮箱: <a href="mailto:yangcf@sustech.edu.cn">yangcf@sustech.edu.cn</a> Chunfu Yang, Assistant Professor, School of Public Health and Emergency Management, Email: <a href="mailto:yangcf@sustech.edu.cn">yangcf@sustech.edu.cn</a>
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
	38	10		0	48
学时数 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**

本课程将系统介绍性传染性疾病概论，科普性地详细讲解不同性传染性疾病的病原生物学、临床症状、临床治疗和预防措施、发病机制、以及依然面临的问题和挑战；同时进行性卫生保健，人类性心理发展以及性文化、性道德、性法制等方面的普及教育。通过本课程的学习提高大学生对传染性疾病与生殖健康的认识，树立正确的性观念，掌握性科学知识宣传教育的基本原则。

This course will systematically introduce different sexually transmitted diseases, meanwhile will conduct popular education in sexual hygiene, health care, human sexual psychology development, and sexual culture, sexual morality, and sexual legal system. Through the study of this course, college students can improve their understanding of sexually transmitted diseases and reproductive health, establish a correct sexual concept, and master the basic principles of sexual science knowledge publicity and education.

**16. 预达学习成果 Learning Outcomes**

了解性与生殖健康的重要性；  
Understand necessity and significance of sexual and reproductive health.

建立正确的性心理健康和与生殖健康；  
Understand virus infection mediated sexually transmitted diseases and Preventive and Protective Measures

了解和掌握不同性传染性疾病的概况以及预防保护措施  
Understand sexually transmitted diseases and Preventive and Protective Measures

**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.)**

本课程将系统介绍性与生殖健康包括：（1）性与生殖健康教育的重要性与意义；（2）性心理健康与生殖健康的原则；（3）性传染性疾病概论；（4）免疫学概论；（5）科普性地详细讲解不同的性传染性疾病，包括：病原体的生物学、患者的临床症状和病理损伤、发病机理、临床治疗手段和预防保护措施，以及目前依然面临的问题和挑战。我们将对病原体分为病毒、细菌、真菌和原虫几大类进行系统传授科普；其中主要的病原体包括：HIV 病毒、HPV 病毒、HSV 病毒、衣原体、内瑟氏球菌、支原体、梅毒、白念球菌、阴道毛滴虫病等。

This course will systematically introduce the introduction to (1) necessity, purpose and significance of sexual and reproductive health; (2) principles of sexual mental health and reproductive health education; (3) introduction to immunology; (4) introduction of sexually transmitted disease and explain in detail the different types of sexually transmitted diseases, including biology of pathogens, clinical symptoms and pathology, clinical treatment and preventive protection measures, and the remaining problems and challenges. We will divide major pathogens into viruses, bacteria, fungi, and protozoa. Pathogens include HIV virus, HPV virus, HSV virus, Chlamydia, Neisseria, Mycoplasma, Syphilis, Candida albicans, Trichomonas vaginalis, etc.

Section	Topic	Hours
1	性与生殖健康教育概述 Introduction to Sexual and Reproductive Health	2
2	大学生性与生殖健康教育的必要性、目的和意义 The Necessity, Purpose and Significance of Sexual and Reproductive Health Education for College Students	2
3	性心理健康和生殖健康教育的原则 Principles of Sexual Mental Health and Reproductive Health Education	2
4	性传染性疾病与健康概述 Introduction to Sexually Transmitted Disease	2
5	免疫学概论（1）包括：（i）免疫器官和免疫组织；（ii）免疫细胞功能 Introduction to Immunology（1）including（i）Immune Organ and Immune Tissue;（ii）Immune Cell Function	2
6	免疫学概论（2）包括：（i）固有免疫；（ii）适应性免疫 Introduction to Immunology（2）including（i）Innate Immune Response;（ii）Adaptive Immune Response	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	病毒学概述 Introduction to virology	2
9	生殖道人类免疫缺陷病毒感染（艾滋病） HIV and AIDS (acquired immunodeficiency syndrome)	2
10	生殖道人类乳头瘤病毒感染 Human Papillomavirus Infections	2
11	生殖道单纯性疱疹病毒感染 Herpes Simplex Virus Infections	2
12	其他病毒引发的生殖道感染 Sexually Transmitted Blood Borne Infections	2
13	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
14	细菌学概述 Introduction to virology	2
15	生殖道沙眼衣原体感染 Sexually Transmitted Chlamydia trachomatis Infections	2
16	生殖道奈瑟氏球菌感染（淋病） Sexually Transmitted Neisseria gonorrhoeae Infections	2
17	生殖道支原体感染 Sexually Transmitted Mycoplasma Infections	2

18	生殖道梅毒螺旋体感染（梅毒） Sexually Transmitted Treponema pallidum Infections	2
19	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
20	生殖道真菌感染 Sexually Transmitted Fungi Infections	2
21	阴道毛滴虫感染 Sexually Transmitted Trichomonas vaginalis Infections	2
22	生殖道感染中的宿主-病原体相互作用 Host-Pathogen Interaction During Sexually Transmitted Disease	2
23	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
24	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

<p>教材 Textbook:</p> <p>《性传播疾病》刘跃华, 宋清华, 郑占才等, 北京大学医学出版社, 2017。 Yuehua Liu, Qinghua Song, Zhancai Zheng. Sexually Transmitted Diseases, Peking University Medical Press, 2017.</p> <p>《微生物学与免疫学（第6版）》李明远, 李婉宜主编, 高等教育出版社, 2018。 Mingyuan Li, Wanyi Li. Microbiology and Immunology. 6th Edition, Higher Education Press, 2018.</p> <p>其他参考资料 Supplementary Readings:</p> <p>Lawrence Stanberry, Susan Rosenthal. Sexually Transmitted Diseases-Vaccines, Prevention, and Control. 2nd Edition - September 25, 2012</p>
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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		20		
小测验 Quiz				
课程项目 Projects				
√ 平时作业		10		

Assignments				
期中考试 Mid-Term Test				
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

