

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	临床研究基础和实践 The principle and practice of clinical study
2.	授课院系 Originating Department	医学院 School of Medicine
3.	课程编号 Course Code	MED342
4.	课程学分 Credit Value	3
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)	魏晟, 公共卫生及应急管理学院, weis@sustech.edu.cn WEI Sheng, School of Public health and Emergency Management, Weis@sustech.edu.cn
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	待公布 To be announced /
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	48				48
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	MED222 医学生物统计学, MED222 Fundamentals of Biostatistics				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite					
14. 其它要求修读本课程的学系 Cross-listing Dept.	无				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

通过本课程的学习，使医学、生物学相关专业学生掌握临床研究的基本概念和方法，并能通过案例讨论和实例分析，提高对临床研究设计，数据分析，结论合理性的理解。

Through the study of this course, students major in medicine or biology could master the principles and skills of clinical medicine and improve their ability on the design of clinical study, data analysis and rationality of clinical evidence.

16. 预达学习成果 Learning Outcomes

修完本课程学生可以运用本课程所教授的技能和方法在临床实践中解决临床问题。

Master the methods and skills to handle the clinical questions in clinical practices.

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.)

1. 临床研究介绍 introduction of clinical study
2. 临床研究问题, The questions in Clinical study
3. 临床研究设计: The designs of Clinical study
4. 临床研究中的样本量: The sample size of Clinical study
5. 临床研究方案撰写 The proposal of of Clinical study
6. 临床研究公共数据库 The Public datasets in Clinical Study
7. 临床研究数据分析实例-预后研究 The prognosis study cases in Clinical Study
8. 临床研究数据分析实例-临床试验 The clinical trial cases in Clinical Study
9. 临床研究数据分析实例-诊断试验 The diagnosis test cases in Clinical Study
10. 临床研究数据分析实例-预测模型 The prediction model cases in Clinical Study
11. 临床研究论文发表规范 The publish statement of Clinical Study

Section	Topic	Hours
1	临床研究概述 Introduction of Clinical Study	2
2	临床研究问题, The questions in Clinical study	2
3	临床研究设计--队列研究 The designs of Clinical study : cohort study	4
4	临床研究设计--病例对照研究 The designs of Clinical study : case- control study	4
5	临床研究设计--临床试验 The designs of Clinical study : clinical trial	4
6	临床研究设计--诊断试验 The designs of Clinical study : diagnosis study	4
7	临床研究中的样本量 The sample size of Clinical study	4
8	临床研究方案撰写 The proposal of of Clinical study	4
9	临床研究公共数据库 The Public datasets in Clinical Study	2
10	临床研究数据分析实例-预后研究 The prognosis study cases in Clinical Study	4
11	临床研究数据分析实例-临床试验 The prediction model cases in Clinical Study	4

12	临床研究数据分析实例-诊断试验 The diagnosis test cases in Clinical Study	4
13	临床研究数据分析实例-预测模型 The prediction model cases in Clinical Study	4
14	临床研究论文发表规范 The publish statement of Clinical Study	2
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18. 教材及其它参考资料 Textbook and Supplementary Readings

1. 临床流行病学 魏晟 主编 人民卫生出版社出版 2021

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		30		
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments				
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告		60		

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)**

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

