

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	科技创新项目 II Projects of Science and Technology Innovation II
2.	授课院系 Originating Department	医学院 School of Medicine
3.	课程编号 Course Code	MED482
4.	课程学分 Credit Value	2
5.	课程类别 Course Type	实践项目 Practicum
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)	该课程的项目指导老师为医学院全体教研序列老师。 This course will be directed by teaching and research faculty of School of Medicine 课程协调人 Coordinator: 张文勇 Wenying Zhang
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	
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			64		64
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

科技创新项目旨在训练学生的实验技能，帮助学生开拓创新思维，掌握思考问题和解决问题的方法，提升文献检索和数据解读能力，增强团队协作意识。培养学生坚持不懈和积极总结经验的科研精神，为终身学习和科学探索打下基础。

This programme aims at training students' experiment skills, innovative mind-set, problem-solving skills, literature search and data interpretation skills; and strengthening team-work awareness. It may lay down a solid foundation for students' continued learning and scientific investigation in later life.

16. 预达学习成果 Learning Outcomes

掌握实验技能，文献检索和数据解读能力。

To master experiment skills, literature search and data interpretation skills.

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.)

一、讨论研究方向

Discuss research interest.

二、确定项目内容，讨论实验设计，启动项目

Discuss research project, design experiment, and start the project.

三、开展科技创新项目

Conduct the research project.

四、准备项目总结报告（口头及书面报告）

Prepare for project report (both oral presentation and written report). (16 hours)

五、总结汇报

Presentation.

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

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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				
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects		70		
平时作业 Assignments				
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation		30		报告形式：就指定课题进行口头汇报 (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

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| <input type="checkbox"/> A. 十三级等级制 Letter Grading
<input checked="" type="checkbox"/> B. 二级记分制 (通过/不通过) Pass/Fail Grading |
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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

本课程已经过医学院教学副院长张文勇教授审核通过。
