

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.

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| 1. | 课程名称 Course Title | 数学英语写作（研究生） Mathematical Writing in English (PG) |
| 2. | 授课院系 Originating Department | 数学系 Department of Mathematics |
| 3. | 课程编号 Course Code | GGC5001 |
| 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) | 曹敏 Min TSAO |
| 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) | 20 |

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| 11. 授课方式 Delivery Method | 讲授 | 习题/辅导/讨论 | 实验/实习 | 其它(请具体注明) | 总学时 |
| | Lectures | Tutorials | Lab/Practical | Other (Please specify) | Total |
| 学时数 Credit Hours | 32 | | | | 32 |

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| 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

本课程旨在提高研究生和科研人员的科技英语尤其是数学英语的写作讲解和使用能力。主要内容包含英文数学文章的结构及常用句型和词语，英文数学文章的投稿和修改。本课程也将讨论怎样给英文讲座，并对常用英文数学写作软件 LaTeX 做一个基本介绍。

This course is designed for mathematics graduate students and researchers who need advanced training in English writing and communication skills. Topics include structures of English mathematical research papers, commonly used sentence structures and phrases, and tips on how to submit and revise papers in English. The course also covers how to give presentations in English and introduces LaTeX, an open-source software for high-quality typesetting widely used for mathematical papers.

16. 预达学习成果 Learning Outcomes

学生们在完成此课之后将具备基本的数学英语写作能力和用英语做数学科研讲座的能力，成为能够使用中英双语进行科研和学术交流的数学工作者。

Students are expected to have learned basic skills in writing math papers in English and delivering math research talks in English, and to be able to conduct research and academic exchanges in both Chinese and English language environments.

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. 数学文章的结构 (2 weeks)
2. 数学文章的词句 (3 weeks)
3. 怎样修改文章 (2 weeks)
4. 英文数学写作软件 LaTeX (1 week)
5. 文章投稿 (1 weeks)
6. 数学综合写作 (2 weeks)
7. 其它文体的书写 (2 weeks)
8. 怎样给数学讲座 (3 weeks)

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

汤涛和丁玖: 数学之英文写作, 高等教育出版社, 2014, ISBN: 9787040368932

| 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 | | | | |
| 平时作业 Assignments | | 30 | | |
| 期中考试 Mid-Term Test | | 30 | | |
| 期末考试 Final Exam | | 40 | | |
| 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)

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20. 记分方式 GRADING SYSTEM

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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

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