

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	毕业论文（设计） Thesis
2.	授课院系 Originating Department	金融系
3.	课程编号 Course Code	FET490
4.	课程学分 Credit Value	8 学分
5.	课程类别 Course Type	专业基础课 Major Foundational Courses
6.	授课学期 Semester	春季 Spring / 夏季 Summer / 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)	何佳，金融系，邮箱：hej@sustc.edu.cn 刘鲁川，金融系，邮箱：liulc@sustc.edu.cn 杨招军，金融系，邮箱：yangzj@sustc.edu.cn 伍继松，金融系，邮箱：wujs3@sustc.edu.cn 胡大宁，金融系，邮箱：hudn@sustc.edu.cn 向巨，金融系，邮箱：xiangj@sustc.edu.cn 孙便霞，金融系，邮箱：sunbx@sustc.edu.cn 陈琨，金融系，邮箱：chenk@sustc.edu.cn 王新杰，金融系，邮箱：xinjie.wang@sustc.edu.cn 杨旭宁，金融系，邮箱：yangxn@sustc.edu.cn 赖舒芳，金融系，邮箱：laisf@sustc.edu.cn 严硕，金融系，邮箱：yans@sustc.edu.cn 周侗，金融系，邮箱：zhout@sustc.edu.cn 栗沛沛，金融系，邮箱：lipp@sustc.edu.cn 王赫，金融系，邮箱：wangh9@sustc.edu.cn
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 (Optional)	Enrolment					
		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
11. 授课方式 Delivery Method			30			30
学时数 Credit Hours						
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements						
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.						

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本专业的毕业论文（设计）是对学生所学的金融工程课程综合训练的实践性环节，也是金融工程理论紧密联系实际、培养学生独立思考的重要课程。毕业论文（设计）的教学过程是本学科最后一个重要的教学环节，是整个教学过程的总结，对教学起到检查、巩固、反思与提高的作用。通过毕业论文（设计）的写作，全面检查学生基础知识掌握情况、技能的熟练程度和实际分析问题、解决问题的能力，是对学生综合能力的全面检阅和考察。

The graduation thesis (design) of this major is a practical link to the comprehensive training of finance engineering courses that students have learned. It is also an important course where finance engineering theories are closely related to practice and students are thinking critically and independently. The teaching process of graduation thesis (design) is the last important part of the curriculum. It is the summary of the whole teaching process, and it plays the role of checking, consolidating, reflecting and improving the teaching-learning process. The completion of the graduation thesis (design) requires comprehensive financial knowledge, mastery of basic skills, and the ability to analyze and solve problems. It is an overall examination of students' studies and skills.

16. 预达学习成果 Learning Outcomes

通过本课程的学习，学生能够：

- 1、培养学生独立思考和独立写作的综合能力，包括查阅文献、数据收集与处理、调查研究的能力。
- 2、培养学生运用金融工程的基础理论知识、基本技能，分析和解决实际问题的能力。
- 3、学习和巩固有关金融理论、实践工具与操作技能，认识金融工程的实践规律。

Through this course, students will be able to:

1. Develop comprehensive skills to research and write independently, including skills of reviewing literature, collecting and processing data, and researching independently.
2. Develop abilities to use fundamental theories of finance engineering and basic skills in analyzing and solving financial problems in practice.
3. Learn and strengthen knowledge of financial theories, use practical tools, develop operational skills, and understand the practice of finance.

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.)

教学日历：

- 一、10月-11月，学生完成毕业论文（设计）选题。
- 二、12月，导师向学生下达毕业论文（设计）任务书。
- 三、次年1月，学生完成毕业论文（设计）开题报告。
- 四、4月，导师完成毕业论文（设计）中期检查。
- 五、4月下旬，学生完成毕业论文（设计）查重。
- 六、5月初，导师完成毕业论文（设计）评阅。
- 七、5月中旬，学生完成毕业论文（设计）答辩。
- 八、6月，完成毕业论文（设计）成绩评定。

Teaching calendar:

1. Students select and finalize the thesis (design) topic, in October and November.
2. The instructor issues a graduation thesis (design) task book to the students, in December.
3. Students complete the graduation thesis (design) proposal, in January of the following year.
4. The instructor completes the mid-term check of the graduation thesis (design), in April.
5. The students complete the graduation thesis (design) plagiarism check, in the last ten days of April.
6. The instructor completes the graduation thesis (design) review, in early May.
7. Students complete thesis (design) defense, in mid-May.
8. The result of the graduation thesis (design) will be determined, in June.

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

NA

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				
期中考试 Mid-Term Test				
期末考试 Final Exam				
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)		导师评阅(20%) Review 评阅人评阅(20%) Review 毕业答辩(60%) Graduation defense		

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