

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	科技成果表达 Presentation of Scientific and Technological Achievements
2.	授课院系 Originating Department	环境科学与工程学院 School of Environmental Science and Engineering
3.	课程编号 Course Code	ESE321
4.	课程学分 Credit Value	2
5.	课程类别 Course Type	专业选修课 Major elective course
6.	授课学期 Semester	秋季 Fall
7.	授课语言 Teaching Language	中文 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)	授课教授：史江红，环境科学与工程学院，13801015026 Professor: Jianghong Shi, School of Environmental Science and Engineering, Tel:13801015026
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	16	6	0	10(演讲实战演习/Practical training)	32

12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	先修课 Pre-requisites: 环境学导论 Introduction to Environmental Sciences
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 N/A
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 N/A

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

讲解并培养学生科技论文写作技能，训练并提高其科技成果的文字表达能力；结合学生参与的科研课题，讲解 PPT 编制及演讲技巧，进行演讲训练。教学中力争体现为毕业生的切实需求服务，提高学生实际能力的人文理念。

To train students' writing skills of scientific papers, improve their expression ability to scientific and technological achievements. Combining with students' scientific research topics, explain PPT preparation and presentation skills, and conduct speech training. We would strive to embody the humanistic concept of serving the practical needs of graduates and improving their practical abilities.

16. 预达学习成果 Learning Outcomes

掌握杂志论文及学位论文的写作规范；领会 PPT 编制理念和技巧；擅长演讲语言的准备和发挥；体现科学美学和文学的三结合，融入人文情怀和团队理念。

To master the writing skills of journal articles and dissertations; understand PPT preparation concepts and skills; enable to prepare speech language; embody the scientific aesthetics and literature, humanistic feelings and team concept.

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.)

序号 NO.	内容 Content	学时安排 Hours				学时汇总 Sub- total
		理论 Theoretic Teaching	实验 Experiment	实践 Exercise	上机操作 Computer Operation	
1	绪论 Introduction	2				2
2	引言涉及的内容与问题 The Content and Problems in Introduction	2				2
3	文献检索与阅读讲座 Lectures on Literature Retrieval and Reading	2				2
4	实验材料与方法的写作技巧 Writing Skills of Experimental Materials and Methods	2				2
5	结果与讨论的写作技巧 Writing Skills of Results and Discussion	2				2
6	中英文摘要的写作方法 Writing Skills of Abstract in English and Chinese	2				2
7	环境类科技成果表达的实际应用讲座 Lectures on the Practical Application of Environmental Science and Technology achievement Expressions	2				2
8	国外学者学术讲座观摩 Watch and Learn from Academic Lectures by Foreign Scholars	2				2
9	PPT 编制理念与技巧 Concepts and Skills of PPT Preperation	2				2
10	演讲技能分析 Speech Skills Analysis	2				2
11	英文写作中注意的问题与方法 Problems and methods in English Writing	2				2
12	演讲实战训练与考核 Practical training and assessment of speech			10		10
Total		22		10		32

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

1. 课程教材/Teaching Materials or Textbooks

罗伯特·A·戴, 芭芭拉·盖斯特, 盖斯特,等. 科技论文写作与发表教程[J]. 2013.

Day R A. How to write and publish a scientific paper[M]. 北京大学出版社, 2007.

2. 主要参考书目/ References for Further Reading

环境类著名杂志, Environment Science & Technology, Water Research 等;

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		10%		
小测验 Quiz				
课程项目 Projects		20%		
平时作业 Assignments		10%		
期中考试 Mid-Term Test				
期末考试 Final Exam				
期末报告 Final Presentation		50%		
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