

常州大学硕士研究生培养方案
(学科门类: 一级学科代码: 一级学科名称:)
(二级学科代码: 二级学科名称:)

一、培养目标

B. Cultivating Objectives

- a. to enable overseas students to have a comprehensive understanding of China, including its politics, economy as well as culture and to enable them to have basic capability to understand and communicate with others in Chinese.
- b. to equip overseas students with all-round basic theories and systematic and professional knowledge in discipline of environmental engineering, and with skills to do scientific research independently so as to make creative contributions in science and technology.
- c. to benefit students' physical and mental health, and to provide them with good academic ethics and spirits and to cultivate their scientific and practical learning attitude and working style.

二、学习年限

The master' s program requires 3 years of full-time study.

三、研究方向

1. Environmental Chemistry and Toxicology
2. Air Pollution Control Technology
3. Water Pollution Control Technology
4. Solid waste treatment and disposal
5. Environmental Microbiology Technology

四、课程设置与考试要求

| 组别 | 课程编号 | 课程名称 | 学时 | 学分 | 开课学期 | 授课方式 | 考试方式 | 备注 |
|-----------|--------|--|----|------|------|------|------|----------------|
| A公共基础学位课程 | L00001 | 汉语综合1 | 54 | 3.00 | 1 | 面授讲课 | 笔试 | |
| | L00002 | 汉语综合2 | 54 | 3.00 | 1 | 面授讲课 | 笔试 | |
| | L00003 | 汉语听说 | 36 | 2.00 | 2 | 面授讲课 | 笔试 | |
| | L00004 | 汉语阅读 | 36 | 2.00 | 3 | 面授讲课 | 笔试 | |
| | L00005 | 中国概况(中英文授课) | 36 | 2.00 | 1 | 面授讲课 | 笔试 | |
| | L00006 | 中国文化(中英文授课) | 36 | 2.00 | 2 | 面授讲课 | 笔试 | |
| B专业学位课程 | L00319 | 高等环境化学 Advanced Environmental Chemistry | 64 | 4.00 | 1 | 面授讲课 | 笔试 | |
| | L00320 | 高等环境微生物学 Advanced Environmental Microbiology | 64 | 4.00 | 1 | 面授讲课 | 笔试 | |
| | L00321 | 环境分析化学 Environmental Analytical Chemistry | 64 | 4.00 | 1 | 面授讲课 | 笔试 | |
| C专业选修课程 | L00322 | 环境生态学 Environmental ecology | 64 | 4.00 | 1 | 面授讲课 | 考查 | 选3-9 Credit |
| | L00323 | 环境毒理学 Environmental toxicology | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00324 | 环境伦理学 Environmental ethics | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00325 | 水污染控制进展 Advance in water pollution control | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00326 | 大气污染控制进展 Advance in air pollution control | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00327 | 固体废物处理与资源化 Solid waste treatment and resource util | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00328 | 高级氧化技术 Advanced oxidation technology | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00329 | 环境修复技术 Environmental remediation technology | 64 | 4.00 | 1 | 面授讲课 | 考查 | |
| | L00330 | 全球环境挑战 Global environment challenges | 64 | 4.00 | 1 | 面授讲课 | 考查 | |

备注:

A公共基础学位课程 B专业学位课程 C专业选修课程 D公共选修课程

E实践环节

五、培养环节

As for the requirements of dissertation writing, please refer to the Changzhou University Academic Degree Master Program Training Program (General).

六、培养方式

七、必读书目