

**2020 IESD Course List ---- To take 31 credits in total web: 1.tongji.edu.cn**

Name			Student No.		Online Submission	Yes/No
课程性质 Type	课号 Code	课程名	Course name	学期 Semester	学分 Credit	Remarks
公共学位课 Public Degree Course	2070100	第一门外国语(汉语)	Chinese Language	Spring/Autumn	3	compulsory, available in both semesters
	2900006	中国概况	China Outlook	Spring/Autumn	3	compulsory, available in both semesters
DEGREE COURSE 6 courses to be taken	2050136	环境系统与可持续发展	Environmental System and Sustainable Development	Spring	2	compulsory
	2050143	环境科学概论	Environmental Science	Autumn	2	compulsory only for non-environmental background
	2050199	生态经济学	Ecological Economics	Spring	2	compulsory
	2050147	环境管理与政策	Environmental Management and Policy	Autumn	2	
	2050186	固体废物处置与资源化	Intergrated Solid Waste Management and Reuse	Spring	2	
	2050188	污水处理的原理与技术	Wastewater Treatment: Principles and Technology	Autumn	2	
	2050189	给排水工程的原理与技术	Water Supply: Principles and Technology	Spring	2	
	2050149	大气科学与气候变化	Atmospheric Science and Climate Change	Spring	2	
非学位课 Non-degree course 4 courses to be taken	2050141	环境伦理学	Environmental Ethics	Autumn	2	compulsory
	2050211	文献检索与科技论文写作	Literature Search and Scientific Writing	Autumn	2	compulsory
	2050224	水资源管理	Water resource management	Autumn	2	
	2050191	水环境化学	Aquatic Environmental Chemistry	Spring	2	
	2050194	环境分子微生物学	Environmental Molecular Microbiology	Spring	2	
	2050150	环境信息学	Environmental Informatics	Spring	2	
	2050210	通用试验原则与数据逐层分析	Common Experiment Principles and Step-by-Step Data Processing	Autumn	2	compulsory
	2050196	环境系统分析	Environment System Analysis	Autumn	2	
必修环节 COMPULSORY LINK	2900012	公共讲座	Lectures	To be completed before the mid-term assessment.	2	compulsory, at least 16 lectures, online registration+summary for each.
	1050101	实验室环境健康与安全	Safety and Health in the Lab	Autumn	1	compulsory for LAB topics
	2900011	学术行为规范	Conduct norm	To be completed before the end of the 1st semester.	1	compulsory
	2900002	开题报告	Research Proposal	To be completed at the beginning of the 2nd semester.	1	compulsory
	2900013	中期考核	mid-term assessment	To be completed at the beginning of the 3rd semester.	0	compulsory, at least 2 months after the submission of the research proposal
	\	预答辩	Pre-Defense	To be completed before the end of the 3rd semester.	0	compulsory
	\	答辩	Defense	To be completed before the end of the 4th semester.	0	compulsory, at least 6 months after the submission of mid-term assessment
	\	学位论文	Degree Thesis	To be completed before the end of the 4th semester.	0	compulsory
	\	学术小论文	Academic Publication	To be published before the end of the 4th semester.	0	compulsory