

开课学院:	建筑与城市规划学院	培养层次:	硕士	课程名称:	立体园林城市: 规划、设计与技术
课程代码:	20001630016	学分:	2	英文名称:	Vertical Garden City: Planning, Design and Technology
开课学期:	春季	成绩记录方式:	百分制	学时:	36
课程性质:	专业课	课程类型:	全日制	课程分类:	一般专业课
授课语言:	英语	教学方式:	面授讲课, 其它	预修课程:	
Prerequisite:		是否使用:	是	考试方式:	考查
课程负责人:	董楠楠 (06119)-建筑与城市规划学院	是否跨学期:	否	适用专业:	
是否跨院系课程:	是	学科专业委员会:	风景园林学学科委员会		
其他讲课人:					
课程简介(中文):	<p>近年来, 高密度城市快速发展, 城市绿地空间严重压缩, 城市生态问题严重, 立体园林绿化被视为应对城市气候变化的技术之一, 对于当前城市生态规划与设计、绿色建筑设计和绿色基础设施的景观规划设计, 都提出了新的人才培养要求。国际上以新加坡、德国、英国等国家风景园林和生态设计培养模块中, 都已经将立体园林技术作为必要内容。这一培养课程不仅可以通过绿色创新和学科交叉让学生能从更多方面考虑设计的可能性, 同时与多专业的人交流合作也更易于培养团队协作和统筹能力, 符合面向未来创新人才培养的模式建设。本项目在前期研究生设计课和论文选课研究的教学工作基础上, 将分散教学的模块加以串联组织, 力求建设为国内最领先的立体园林技术与规划设计课程, 并在国际上产生深远影响力。该课采取讲课和研讨归纳相结合的方式, 其中包含 6 个特邀讲座, 将邀请相关领域的专家学者来为学生授课。结合上海本地立体园林行业资源, 建立多元化的教学模式。本课程特色还在于国际性前沿学术水平的引入, 计划邀请意大利、新加坡等专家和院校参与联合教学汇报环节, 共同交流展望未来立体园林城市发展趋势。课程负责人在课程建设上已有一定的前期基础, 编撰中的《城市立体园林规划与设计》教材已列入十四五教材, 结合了国际先进经验尤其是新加坡、德国为代表的先进技术的研究, 同时凝聚了课程负责人十多年来在立体绿化的教学、实践、基础研究等方面的经验, 立足于立体园林的规划和设计, 将相关知识系统梳理, 知识体系构架较完整全面。</p>				
课程简介(英文):	<p>With the rapid urban development, in the high-density cities, urban green space highly compressed, urban ecological problems become serious. Vertical greenery can be one of the approaches to deal with urban heat island effect. New training</p>				

	<p>requirements are put forward in the fields of ecological planning, green building design, landscape design for green infrastructures. Vertical greenery technology has been a significant component in the modules of landscape architecture and ecological design in Singapore, Germany, UK and other countries. In this course students will not only learn to consider the possibility of design from the perspectives of green innovation and interdisciplinary, but also practice to cultivate teamwork and overall planning ability through communication and cooperation with people from multiple disciplines, which is in line with the model construction of innovative talent training for the future. Based on the courses of post-graduate design and dissertation, this course organizes the teaching modules in series, and strives to build it into the most leading planning and design course in China, and has a far-reaching impact in the world. This course combines lectures with seminars, including 6 special lectures, which experts and scholars in relevant fields will be invited to give lectures. Combined with the local vertical greenery industry resources in Shanghai, a diversified teaching model will be established. The feature of this course also lies in the introduction of international cutting-edge academic level. It is planned to invite experts and institutions in Italy and Singapore to participate in the joint teaching report, exchanging views on development trend of vertical garden city in the future. The course leaders are professional and experienced in the course construction. The textbook of “Planning and Design of Urban Vertical Greenery”, which has been included in the textbook of the 14th Five Year Plan will be used in this course. In th</p>
<p>课程内容与学时分配(中文) :</p>	
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<p>备注:</p>	