

【学科建设】Discipline Development

全院共有4个学科门类, 15个一级学科, 31个二级学科, 111个研究方向; 其中植物学、生态学、城市规划与设计(含风景园林规划与设计)、森林培育学、森林保护学、环境科学、林木遗传育种学、水土保持与荒漠化防治、木材科学与技术、林产化学加工工程、森林工程、森林经理学、野生动植物保护与利用、林业经济管理^①等14个学科为国家林业局重点学科。

The Academy covers 4 discipline categories, 15 first-grade disciplines, 31 second grade disciplines, and 111 research fields, of which 14 disciplines are key disciplines identified by the State Forestry Administration, including botany, ecology, urban planning and design (covering planning and designing of landscape and gardens), silviculture, forest protection, environmental science, forest tree genetics and breeding, soil and water conservation and desertification combating, wood science and technology, chemical processing engineering of forest products, forest engineering, forest management, conservation and utilization of wild fauna and flora, forest economic management etc.

学科门类 Discipline Categories	一级学科 First-grade Discipline	二级学科 Second-grade Discipline		
理学 Sciences	生物学 Biology	植物学	Microbiology	
		•植物学 •生物化学与分子生物学 •生态学	•Botany •Biochemistry and molecular biology •Ecology	
	地理学 Geography	地图学与地理信息系统	Cartography and GIS	
工学 Engineering	机械工程 Mechanical engineering	机械制造及其自动化 机械电子工程 机械设计与理论	Machinery manufacturing and automation Mechanical and electronic engineering Machine design and theory	
	材料科学与工程 Material science and engineering	材料加工工程(增加)	Material processing engineering (newly added)	
	计算机科学与技术 Computer science and technology	计算机应用技术	Computer application technology	
	建筑学 Architecture	•城市规划与设计(含风景园林规划与设计)	•Urban planning and designing (including planning and designing of landscape and gardens)	
	化学工程与技术 Chemical engineering and technology	应用化学(新增)	Applied chemistry (newly added)	
	轻工技术与工程 Technology and engineering of light industry	制浆造纸工程	Pulp and paper making engineering	
	林业工程 Forest engineering	•木材科学与技术 •林产化学加工工程	•Wood science and technology •Chemical processing engineering of forest products	
		•森林工程 木基复合材料科学与工程(自主设置) 林业环境与能源工程(自主设置)	•Forest engineering Wood-based composite science and engineering (set up independently) Forest environment and energy engineering (set up independently)	
		环境科学与工程 Environmental science and engineering	•环境科学 环境工程	•Environmental science Environmental engineering
	农业资源利用 Utilization of agricultural resources	土壤学	Pedology	
畜牧学 Animal husbandry	草业科学	Grass science		
农学 Agronomy	林学 Forest science	•林木遗传育种学 •森林培育学 •森林保护学 •森林经理学 •野生动植物保护与利用 园林植物及观赏园艺 •水土保持与荒漠化防治	•Forest tree genetics and breeding •Silviculture •Forest protection science •Forest management science •Conservation and utilization of wild fauna and flora Garden plants and ornamental horticulture •Soil and water conservation and desertification combating	
		•林业经济管理	•Forestry economic management	
		情报学	Informatics	
		管理学 Management science	农林经济管理 Economic management of agriculture and forestry	
		图书情报与档案学 Library, information and archive science		

① 为国家林业局重点学科(共14个) The symbol of "①" represents key disciplines identified by the State Forestry Administration (a total of 14)