

MATE130083	精细化工工艺学	学分：2	周学时：2
	Fine chemical engineering	总学时：36	
预修课程：			
修读对象：本科四年级材料系学生			

中文课程简介（150 字以内）

精细化工工艺是指精细化学品的工业化生产工艺，是现代化工的重要组成部分。本课程主要讲述香料与香精、化妆品、食品添加剂、胶黏剂、涂料、功能高分子、电子信息化学品等精细化学品的一般生产原理和工艺，包括这些化学品的工艺过程、工艺技术、工艺设备、原材料消耗、操作技术以及产品用途，另外也对产品的性能和发展趋势做一定地阐述。

英文课程简介

Fine chemical engineering is the industrial production of fine chemicals technology, which is an important part of the modern chemical industry. This course discusses the chemical principles and the general production process of spices and flavors, cosmetics, food additives, adhesives, coatings, functional polymers, electronic information and other fine chemicals, including the process of these chemicals, technology, process equipment, raw material consumption, operating techniques and product uses. In addition, the performance of products and their trends are also discussed.