

MATE130081	电子材料的化学处理	学分：2	周学时：2
	chemical treatments of electronic materials	总学时：36	
预修课程：普通化学			
修读对象：材料科学系材料物理专业			

中文课程简介（150 字以内）

本课程针对材料科学系材料物理专业本科生开设，在修完《普通化学》后学习。主要介绍电子材料和电子器件在加工过程中需要的化学处理工艺，讲解相关的化学原理和化学工艺过程，包括半导体电子材料的加工纯化，电子器件、MENS、太阳能电池的化学加工过程和电子封装相关的粘结过程等化学处理过程。为材料物理的学生提供所必需的专业化学知识。

英文课程简介

The course is established for the students of materials physics of the department of material science. The students should have studied the course of general chemistry. The main content of the course are the principles and processing of chemical treatment of electronic materials and devices, including the purification of the electronic materials, the processing of electronic devices, MENS, solar cells and packaging. The purpose of the course is to give the students of materials physics some necessary professional knowledge of chemistry.