

MATE130059	物理化学 B	学分： 4	周学时： 4
	Physical Chemistry B	总学时： 72	
预修课程：普通化学、大学物理、高等数学			
修读对象：材料系本科生			

中文课程简介（150 字以内）

介绍物理化学的基本知识、基本原理，基本定律和基本公式，包括化学热力学、化学动力学、电化学、界面化学以及胶体化学等章节，培养材料类本科生分析问题和解决实际问题的能力，为今后的材料科学实验和生产实践奠定基础。

英文课程简介

The basic knowledge, theory, law and formula of physical chemistry are introduced in this course, including chemical thermodynamics, chemical reaction dynamics, electrochemistry, interface chemistry and colloid chemistry. The abilities to analyze and solve problems will be improved from these lessons for the undergraduate students in the Department of Materials Science. And these knowledge and experience will be helpful for the undergraduate students in their future research work and practical jobs.